


# Liftcrane Boom Capacities With Luffing Jib Attached

## MLC250 SERIES 2

**Boom No. B10:82A**  
**Luffing Jib No. 149**  
**184,600 lb Crane Counterweight**  
**44,000 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 7,500 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. 80138075**, Wire Rope Specifications chart **No. 9934-A**, Counterweight Arrangements chart **No. 9893-A**, Luffing Jib Raising Procedure chart **No. 9928-A**, and Wind Conditions chart **No. 9930-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. 9929-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, 9 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendant backstays, and luffing jib support straps.

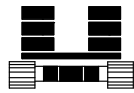
Consult chart **No. 9927-A** for luffing jib capacities.

Luffing Jib Position During Operation	
Luffing Jib Length Feet	Boom-to-Luffing Jib Angle Degrees
70	135
80 - 90	150
100 - 120	160
130 - 240	168

## Explanation of Symbols



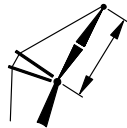
149 Luffing Jib No. 149  
+  
B10 Boom No. B10:82A



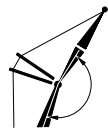
Crane Counterweight  
+  
Carbody Counterweight



360 Degree Rating



Luffing Jib Length



Boom-to-Luffing Jib Angle



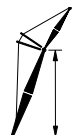
Boom Length



Operating Radius  
(see page 1)



Boom Angle  
(see page 1)



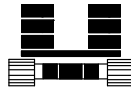
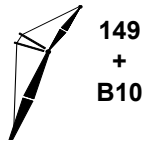
Boom Point Elevation  
(see page 1)



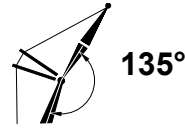
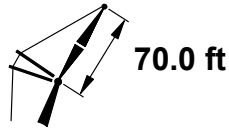
Lifting Capacities  
(see page 1)

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



80.0 ft			
ft	°	ft	lb
17	83.0	87.3	391,600
18	82.3	87.2	369,800
19	81.5	87.0	350,000
20	80.8	86.8	332,000
22	79.4	86.4	300,600
24	77.9	85.9	274,000
26	76.4	85.4	251,200
28	74.9	84.8	224,900
30	73.4	84.2	197,900
32	71.9	83.5	175,900
33	71.1	83.2	166,300

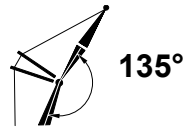
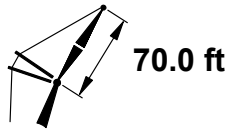
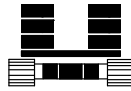
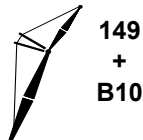
90.0 ft			
ft	°	ft	lb
19	82.5	97.1	349,800
20	81.8	97.0	331,900
22	80.6	96.6	300,500
24	79.3	96.2	273,900
26	77.9	95.7	251,100
28	76.6	95.2	226,100
30	75.3	94.7	199,000
32	74.0	94.1	176,900
34	72.6	93.4	158,400
36	71.3	92.7	142,800

100.0 ft			
ft	°	ft	lb
20	82.7	107.1	307,000
22	81.5	106.8	300,000
24	80.3	106.4	274,200
26	79.2	106.0	251,500
28	78.0	105.5	227,100
30	76.8	105.0	200,000
32	75.6	104.5	177,800
34	74.4	103.9	159,400
36	73.2	103.3	143,700
38	72.0	102.6	130,300
39	71.4	102.3	124,300

REFERENCE

# MLC250 S-2

ASME B30.5



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	280,700
22	82.3	116.9	277,500
24	81.2	116.6	271,400
26	80.2	116.2	251,100
28	79.1	115.8	227,900
30	78.0	115.3	200,600
32	77.0	114.8	178,400
34	75.9	114.3	159,800
36	74.8	113.8	144,100
38	73.7	113.1	130,700
40	72.6	112.5	119,000
42	71.5	111.8	108,800

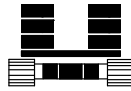
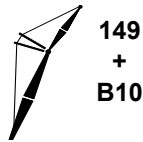
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	271,400
24	82.0	126.7	265,800
26	81.0	126.4	251,200
28	80.0	126.0	228,500
30	79.1	125.6	201,300
32	78.1	125.1	179,000
34	77.1	124.7	160,400
36	76.1	124.1	144,600
38	75.1	123.6	131,200
40	74.1	123.0	119,500
42	73.1	122.4	109,300
44	72.1	121.7	100,300
46	71.1	121.0	92,300

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	249,500
26	81.7	136.5	244,600
28	80.8	136.2	229,100
30	79.9	135.8	201,700
32	79.0	135.4	179,400
34	78.1	134.9	160,800
36	77.2	134.5	145,000
38	76.3	133.9	131,500
40	75.4	133.4	119,800
42	74.5	132.8	109,600
44	73.5	132.2	100,500
46	72.6	131.6	92,500
48	71.7	130.9	85,300
49	71.2	130.5	82,000

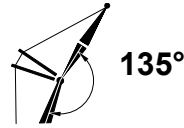
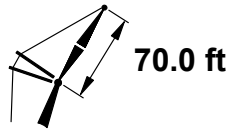
REFER TO

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft			
ft	°	ft	lb
25	82.7	146.8	236,000
26	82.3	146.6	236,000
28	81.5	146.3	229,500
30	80.6	146.0	202,100
32	79.8	145.6	179,700
34	79.0	145.2	161,100
36	78.1	144.7	145,300
38	77.3	144.3	131,800
40	76.5	143.8	120,000
42	75.6	143.2	109,800
44	74.8	142.7	100,700
46	73.9	142.1	92,700
48	73.0	141.4	85,500
50	72.2	140.8	79,000
52	71.3	140.1	73,200

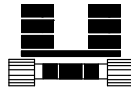
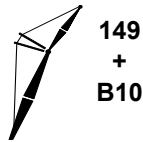
150.0 ft			
ft	°	ft	lb
26	82.8	156.7	214,500
28	82.0	156.4	208,700
30	81.3	156.1	202,400
32	80.5	155.8	179,900
34	79.7	155.4	161,200
36	78.9	155.0	145,400
38	78.2	154.5	131,800
40	77.4	154.1	120,100
42	76.6	153.6	109,800
44	75.8	153.0	100,700
46	75.0	152.5	92,600
48	74.2	151.9	85,400
50	73.4	151.3	78,900
55	71.4	149.6	65,200

160.0 ft			
ft	°	ft	lb
27	82.9	166.7	201,800
28	82.5	166.5	199,000
30	81.8	166.2	193,500
32	81.1	165.9	180,100
34	80.4	165.6	161,400
36	79.6	165.2	145,500
38	78.9	164.8	131,900
40	78.2	164.3	120,100
42	77.4	163.9	109,800
44	76.7	163.4	100,700
46	76.0	162.9	92,700
48	75.2	162.3	85,400
50	74.5	161.7	78,900
55	72.6	160.2	65,200
59	71.1	158.8	56,200

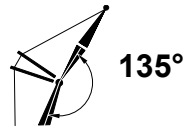
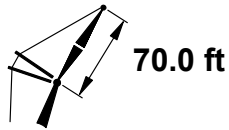
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+  
44,000 lb



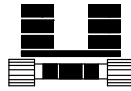
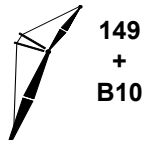
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	184,600
30	82.3	176.4	180,000
32	81.6	176.0	175,700
34	80.9	175.7	161,500
36	80.3	175.4	145,600
38	79.6	175.0	132,000
40	78.9	174.6	120,200
42	78.2	174.1	109,800
44	77.5	173.7	100,700
46	76.8	173.2	92,600
48	76.1	172.7	85,400
50	75.4	172.1	78,900
55	73.7	170.7	65,100
60	71.9	169.1	54,100
62	71.2	168.4	50,300

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	170,300
32	82.1	186.2	166,100
34	81.5	185.8	161,600
36	80.8	185.5	145,600
38	80.2	185.2	132,000
40	79.5	184.8	120,200
42	78.9	184.4	109,800
44	78.2	183.9	100,700
46	77.6	183.5	92,600
48	76.9	183.0	85,300
50	76.2	182.5	78,800
55	74.6	181.1	65,000
60	72.9	179.6	54,000
65	71.3	177.9	45,000

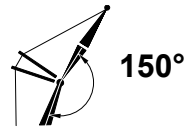
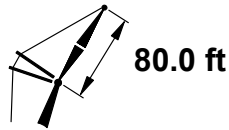
REFER TO CHART ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



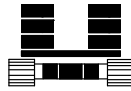
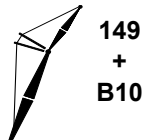
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	394,900
18	82.3	87.2	372,700
19	81.5	87.0	352,600
20	80.8	86.8	334,300
22	79.4	86.4	302,300
24	77.9	85.9	275,300
26	76.4	85.4	252,100
28	74.9	84.8	226,400
30	73.4	84.2	198,900
32	71.9	83.5	176,300
34	70.4	82.8	157,600
36	68.8	82.0	141,700
38	67.3	81.1	128,100
40	65.7	80.2	116,300
42	64.1	79.2	106,000
44	62.5	78.1	96,900
46	60.8	76.9	88,800

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	352,600
20	81.8	97.0	334,400
22	80.6	96.6	302,400
24	79.3	96.2	275,400
26	77.9	95.7	252,300
28	76.6	95.2	228,000
30	75.3	94.7	200,400
32	74.0	94.1	177,800
34	72.6	93.4	158,900
36	71.3	92.7	143,000
38	69.9	91.9	129,300
40	68.6	91.1	117,500
42	67.2	90.3	107,100
44	65.8	89.3	98,000
46	64.3	88.3	89,800
48	62.9	87.3	82,600
50	61.4	86.2	76,000
51	60.7	85.6	73,000

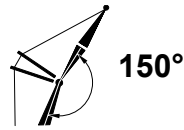
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	309,800
22	81.5	106.8	302,500
24	80.3	106.4	276,000
26	79.2	106.0	252,800
28	78.0	105.5	229,500
30	76.8	105.0	201,800
32	75.6	104.5	179,100
34	74.4	103.9	160,200
36	73.2	103.3	144,200
38	72.0	102.6	130,500
40	70.8	101.9	118,600
42	69.6	101.1	108,200
44	68.3	100.3	99,100
46	67.1	99.4	90,900
48	65.8	98.5	83,700
50	64.6	97.5	77,100
55	61.3	94.8	63,300
56	60.6	94.2	60,900

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,300
22	82.3	116.9	280,000
24	81.2	116.6	273,600
26	80.2	116.2	252,600
28	79.1	115.8	230,500
30	78.0	115.3	202,700
32	77.0	114.8	179,900
34	75.9	114.3	160,900
36	74.8	113.8	144,900
38	73.7	113.1	131,100
40	72.6	112.5	119,200
42	71.5	111.8	108,800
44	70.4	111.1	99,600
46	69.3	110.3	91,400
48	68.2	109.5	84,100
50	67.0	108.6	77,500
55	64.1	106.2	63,700
60	61.2	103.5	52,600
61	60.6	102.9	50,600

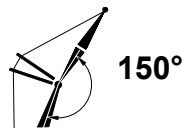
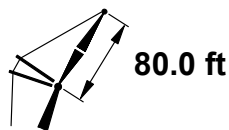
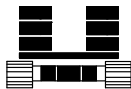
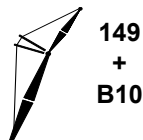
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	273,400
24	82.0	126.7	267,500
26	81.0	126.4	252,900
28	80.0	126.0	231,400
30	79.1	125.6	203,500
32	78.1	125.1	180,700
34	77.1	124.7	161,700
36	76.1	124.1	145,600
38	75.1	123.6	131,900
40	74.1	123.0	119,900
42	73.1	122.4	109,500
44	72.1	121.7	100,300
46	71.1	121.0	92,100
48	70.1	120.2	84,700
50	69.1	119.5	78,100
55	66.5	117.3	64,200
60	63.8	114.9	53,100
65	61.1	112.1	44,000
66	60.5	111.6	42,400

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	251,100
26	81.7	136.5	246,000
28	80.8	136.2	232,100
30	79.9	135.8	204,200
32	79.0	135.4	181,400
34	78.1	134.9	162,300
36	77.2	134.5	146,200
38	76.3	133.9	132,400
40	75.4	133.4	120,400
42	74.5	132.8	110,000
44	73.5	132.2	100,700
46	72.6	131.6	92,500
48	71.7	130.9	85,200
50	70.7	130.2	78,600
55	68.4	128.2	64,600
60	66.0	126.0	53,500
65	63.5	123.5	44,300
70	61.0	120.8	36,700
71	60.5	120.2	35,400



# MLC250 S-2

ASME B30.5



140.0 ft

	ft	°	ft	lb
25	82.7	146.8	236,000	
26	82.3	146.6	236,000	
28	81.5	146.3	231,000	
30	80.6	146.0	204,800	
32	79.8	145.6	181,900	
34	79.0	145.2	162,800	
36	78.1	144.7	146,700	
38	77.3	144.3	132,800	
40	76.5	143.8	120,800	
42	75.6	143.2	110,400	
44	74.8	142.7	101,100	
46	73.9	142.1	92,900	
48	73.0	141.4	85,500	
50	72.2	140.8	78,900	
55	70.0	139.0	64,900	
60	67.8	137.0	53,700	
65	65.6	134.7	44,600	
70	63.3	132.2	37,000	
75	60.9	129.5	30,200	
76	60.5	128.9	28,900	

150.0 ft

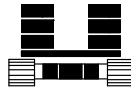
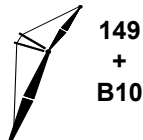
	ft	°	ft	lb
26	82.8	156.7	214,700	
28	82.0	156.4	208,800	
30	81.3	156.1	203,200	
32	80.5	155.8	182,200	
34	79.7	155.4	163,100	
36	78.9	155.0	146,900	
38	78.2	154.5	133,000	
40	77.4	154.1	121,000	
42	76.6	153.6	110,500	
44	75.8	153.0	101,200	
46	75.0	152.5	92,900	
48	74.2	151.9	85,600	
50	73.4	151.3	78,900	
55	71.4	149.6	64,900	
60	69.4	147.8	53,700	
65	67.3	145.7	44,500	
70	65.2	143.4	36,900	
75	63.0	140.9	29,700	
80	60.9	138.1	23,400	
81	60.4	137.5	22,300	

160.0 ft

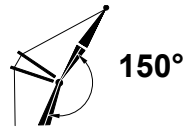
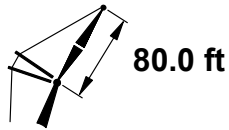
	ft	°	ft	lb
27	82.9	166.7	202,000	
28	82.5	166.5	199,200	
30	81.8	166.2	193,700	
32	81.1	165.9	182,500	
34	80.4	165.6	163,400	
36	79.6	165.2	147,200	
38	78.9	164.8	133,300	
40	78.2	164.3	121,200	
42	77.4	163.9	110,700	
44	76.7	163.4	101,400	
46	76.0	162.9	93,100	
48	75.2	162.3	85,700	
50	74.5	161.7	79,100	
55	72.6	160.2	65,000	
60	70.7	158.5	53,800	
65	68.8	156.5	44,600	
70	66.8	154.4	36,800	
75	64.9	152.1	29,500	
80	62.9	149.5	23,200	
85	60.8	146.8	17,800	
86	60.4	146.2	16,800	

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

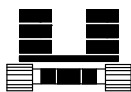
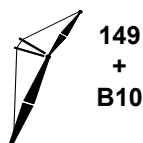


<p>170.0 ft</p>			
ft	°	ft	lb
28	83.0	176.6	184,700
30	82.3	176.4	180,100
32	81.6	176.0	175,700
34	80.9	175.7	163,600
36	80.3	175.4	147,300
38	79.6	175.0	133,400
40	78.9	174.6	121,400
42	78.2	174.1	110,800
44	77.5	173.7	101,500
46	76.8	173.2	93,200
48	76.1	172.7	85,800
50	75.4	172.1	79,100
55	73.7	170.7	65,000
60	71.9	169.1	53,800
65	70.1	167.3	44,600
70	68.3	165.3	36,400
75	66.4	163.1	29,200
80	64.6	160.8	22,900
85	62.7	158.2	17,500
90	60.8	155.4	12,700
91	60.4	154.8	11,800

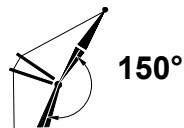
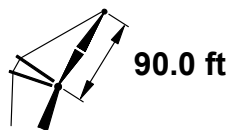
<p>180.0 ft</p>			
ft	°	ft	lb
30	82.7	186.5	170,500
32	82.1	186.2	166,200
34	81.5	185.8	162,000
36	80.8	185.5	147,500
38	80.2	185.2	133,500
40	79.5	184.8	121,500
42	78.9	184.4	110,900
44	78.2	183.9	101,500
46	77.6	183.5	93,300
48	76.9	183.0	85,800
50	76.2	182.5	79,200
55	74.6	181.1	65,100
60	72.9	179.6	53,800
65	71.3	177.9	44,500
70	69.6	176.1	36,100
75	67.8	174.0	28,800
80	66.1	171.8	22,600
85	64.3	169.4	17,200
90	62.5	166.9	12,400
95	60.7	164.1	8,100
96	60.4	163.5	7,300

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ASME B30.5



184,600 lb  
+  
44,000 lb



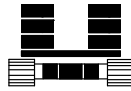
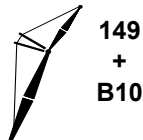
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	389,500
18	82.3	87.2	367,500
19	81.5	87.0	347,500
20	80.8	86.8	329,400
22	79.4	86.4	297,600
24	77.9	85.9	270,800
26	76.4	85.4	247,700
28	74.9	84.8	219,900
30	73.4	84.2	192,800
32	71.9	83.5	170,600
34	70.4	82.8	152,100
36	68.8	82.0	136,500
38	67.3	81.1	123,100
40	65.7	80.2	111,600
42	64.1	79.2	101,400
44	62.5	78.1	92,500
46	60.8	76.9	84,600

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	347,600
20	81.8	97.0	329,500
22	80.6	96.6	297,800
24	79.3	96.2	271,000
26	77.9	95.7	248,000
28	76.6	95.2	221,700
30	75.3	94.7	194,500
32	74.0	94.1	172,200
34	72.6	93.4	153,700
36	71.3	92.7	138,000
38	69.9	91.9	124,500
40	68.6	91.1	112,900
42	67.2	90.3	102,700
44	65.8	89.3	93,700
46	64.3	88.3	85,700
48	62.9	87.3	78,600
50	61.4	86.2	72,200
51	60.7	85.6	69,200

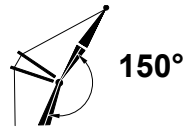
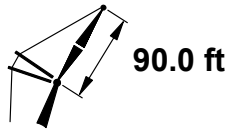
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	304,600
22	81.5	106.8	297,300
24	80.3	106.4	271,600
26	79.2	106.0	248,700
28	78.0	105.5	223,300
30	76.8	105.0	196,000
32	75.6	104.5	173,700
34	74.4	103.9	155,100
36	73.2	103.3	139,300
38	72.0	102.6	125,900
40	70.8	101.9	114,200
42	69.6	101.1	104,000
44	68.3	100.3	95,000
46	67.1	99.4	87,000
48	65.8	98.5	79,800
50	64.6	97.5	73,400
55	61.3	94.8	59,800
56	60.6	94.2	57,400

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



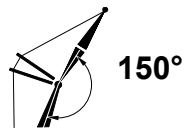
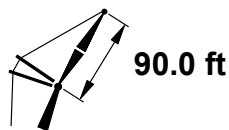
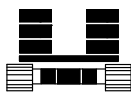
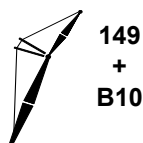
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	278,500
22	82.3	116.9	275,200
24	81.2	116.6	268,800
26	80.2	116.2	248,500
28	79.1	115.8	224,400
30	78.0	115.3	197,000
32	77.0	114.8	174,600
34	75.9	114.3	155,900
36	74.8	113.8	140,200
38	73.7	113.1	126,600
40	72.6	112.5	114,900
42	71.5	111.8	104,600
44	70.4	111.1	95,600
46	69.3	110.3	87,500
48	68.2	109.5	80,400
50	67.0	108.6	73,900
55	64.1	106.2	60,200
60	61.2	103.5	49,300
61	60.6	102.9	47,400

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	269,100
24	82.0	126.7	263,300
26	81.0	126.4	248,800
28	80.0	126.0	225,400
30	79.1	125.6	198,000
32	78.1	125.1	175,500
34	77.1	124.7	156,800
36	76.1	124.1	141,000
38	75.1	123.6	127,400
40	74.1	123.0	115,700
42	73.1	122.4	105,400
44	72.1	121.7	96,300
46	71.1	121.0	88,300
48	70.1	120.2	81,100
50	69.1	119.5	74,600
55	66.5	117.3	60,900
60	63.8	114.9	49,900
65	61.1	112.1	41,000
66	60.5	111.6	39,400

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	247,200
26	81.7	136.5	242,100
28	80.8	136.2	226,200
30	79.9	135.8	198,700
32	79.0	135.4	176,200
34	78.1	134.9	157,500
36	77.2	134.5	141,600
38	76.3	133.9	128,000
40	75.4	133.4	116,300
42	74.5	132.8	106,000
44	73.5	132.2	96,900
46	72.6	131.6	88,800
48	71.7	130.9	81,600
50	70.7	130.2	75,100
55	68.4	128.2	61,300
60	66.0	126.0	50,400
65	63.5	123.5	41,400
70	61.0	120.8	33,800
71	60.5	120.2	32,300

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ASME B30.5



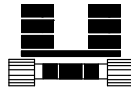
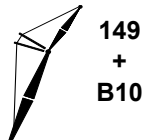
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	236,000
26	82.3	146.6	235,800
28	81.5	146.3	226,900
30	80.6	146.0	199,400
32	79.8	145.6	176,800
34	79.0	145.2	158,100
36	78.1	144.7	142,200
38	77.3	144.3	128,500
40	76.5	143.8	116,700
42	75.6	143.2	106,400
44	74.8	142.7	97,300
46	73.9	142.1	89,200
48	73.0	141.4	82,000
50	72.2	140.8	75,500
55	70.0	139.0	61,700
60	67.8	137.0	50,700
65	65.6	134.7	41,700
70	63.3	132.2	33,900
75	60.9	129.5	26,700
76	60.5	128.9	25,400

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	212,400
28	82.0	156.4	206,600
30	81.3	156.1	199,900
32	80.5	155.8	177,300
34	79.7	155.4	158,400
36	78.9	155.0	142,500
38	78.2	154.5	128,800
40	77.4	154.1	117,000
42	76.6	153.6	106,600
44	75.8	153.0	97,500
46	75.0	152.5	89,300
48	74.2	151.9	82,100
50	73.4	151.3	75,500
55	71.4	149.6	61,700
60	69.4	147.8	50,700
65	67.3	145.7	41,700
70	65.2	143.4	33,500
75	63.0	140.9	26,300
80	60.9	138.1	20,200
81	60.4	137.5	19,000

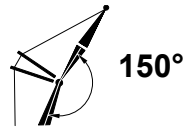
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	199,600
28	82.5	166.5	196,900
30	81.8	166.2	191,400
32	81.1	165.9	177,600
34	80.4	165.6	158,700
36	79.6	165.2	142,800
38	78.9	164.8	129,100
40	78.2	164.3	117,200
42	77.4	163.9	106,900
44	76.7	163.4	97,700
46	76.0	162.9	89,600
48	75.2	162.3	82,300
50	74.5	161.7	75,700
55	72.6	160.2	61,900
60	70.7	158.5	50,900
65	68.8	156.5	41,700
70	66.8	154.4	33,300
75	64.9	152.1	26,200
80	62.9	149.5	20,000
85	60.8	146.8	14,700
86	60.4	146.2	13,700

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

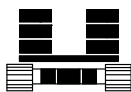


170.0 ft			
ft	o	ft	lb
28	83.0	176.6	182,400
30	82.3	176.4	177,900
32	81.6	176.0	173,500
34	80.9	175.7	159,000
36	80.3	175.4	143,000
38	79.6	175.0	129,300
40	78.9	174.6	117,400
42	78.2	174.1	107,000
44	77.5	173.7	97,800
46	76.8	173.2	89,700
48	76.1	172.7	82,400
50	75.4	172.1	75,800
55	73.7	170.7	62,000
60	71.9	169.1	50,900
65	70.1	167.3	41,300
70	68.3	165.3	33,000
75	66.4	163.1	25,900
80	64.6	160.8	19,700
85	62.7	158.2	14,400
90	60.8	155.4	9,700
91	60.4	154.8	8,800

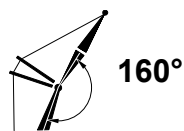
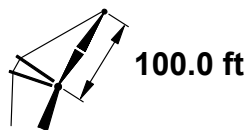
180.0 ft			
ft	o	ft	lb
30	82.7	186.5	168,200
32	82.1	186.2	163,900
34	81.5	185.8	159,200
36	80.8	185.5	143,200
38	80.2	185.2	129,500
40	79.5	184.8	117,600
42	78.9	184.4	107,100
44	78.2	183.9	98,000
46	77.6	183.5	89,800
48	76.9	183.0	82,500
50	76.2	182.5	75,900
55	74.6	181.1	62,000
60	72.9	179.6	50,900
65	71.3	177.9	41,000
70	69.6	176.1	32,700
75	67.8	174.0	25,600
80	66.1	171.8	19,500
85	64.3	169.4	14,100
90	62.5	166.9	9,400
95	60.7	164.1	5,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



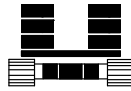
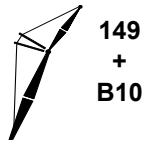
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	393,900
18	82.3	87.2	371,400
19	81.5	87.0	351,100
20	80.8	86.8	332,600
22	79.4	86.4	300,200
24	77.9	85.9	272,800
26	76.4	85.4	249,400
28	74.9	84.8	222,600
30	73.4	84.2	194,800
32	71.9	83.5	172,000
34	70.4	82.8	153,100
36	68.8	82.0	137,100
38	67.3	81.1	123,300
40	65.7	80.2	111,400
42	64.1	79.2	101,000
44	62.5	78.1	91,800
46	60.8	76.9	83,600
48	59.1	75.7	76,300
50	57.4	74.4	69,800
52	55.7	73.0	63,800

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	351,400
20	81.8	97.0	332,900
22	80.6	96.6	300,600
24	79.3	96.2	273,300
26	77.9	95.7	249,900
28	76.6	95.2	224,800
30	75.3	94.7	196,900
32	74.0	94.1	174,100
34	72.6	93.4	155,000
36	71.3	92.7	138,900
38	69.9	91.9	125,100
40	68.6	91.1	113,200
42	67.2	90.3	102,700
44	65.8	89.3	93,500
46	64.3	88.3	85,300
48	62.9	87.3	77,900
50	61.4	86.2	71,300
55	57.7	83.1	57,400
58	55.4	81.0	50,400

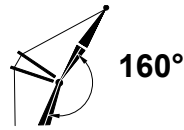
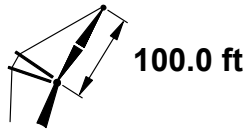
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	308,600
22	81.5	106.8	300,900
24	80.3	106.4	274,100
26	79.2	106.0	250,700
28	78.0	105.5	226,800
30	76.8	105.0	198,800
32	75.6	104.5	175,900
34	74.4	103.9	156,800
36	73.2	103.3	140,700
38	72.0	102.6	126,800
40	70.8	101.9	114,800
42	69.6	101.1	104,300
44	68.3	100.3	95,100
46	67.1	99.4	86,900
48	65.8	98.5	79,500
50	64.6	97.5	72,900
55	61.3	94.8	58,900
60	57.9	91.7	47,700
64	55.1	89.0	40,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	282,100
22	82.3	116.9	278,700
24	81.2	116.6	271,900
26	80.2	116.2	250,800
28	79.1	115.8	228,200
30	78.0	115.3	200,100
32	77.0	114.8	177,100
34	75.9	114.3	157,900
36	74.8	113.8	141,700
38	73.7	113.1	127,800
40	72.6	112.5	115,800
42	71.5	111.8	105,300
44	70.4	111.1	96,000
46	69.3	110.3	87,700
48	68.2	109.5	80,300
50	67.0	108.6	73,700
55	64.1	106.2	59,700
60	61.2	103.5	48,400
65	58.1	100.4	39,300
69	55.6	97.7	32,900

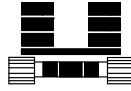
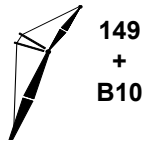
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	271,900
24	82.0	126.7	265,900
26	81.0	126.4	251,200
28	80.0	126.0	229,400
30	79.1	125.6	201,300
32	78.1	125.1	178,200
34	77.1	124.7	159,000
36	76.1	124.1	142,800
38	75.1	123.6	128,900
40	74.1	123.0	116,800
42	73.1	122.4	106,300
44	72.1	121.7	97,000
46	71.1	121.0	88,700
48	70.1	120.2	81,300
50	69.1	119.5	74,600
55	66.5	117.3	60,500
60	63.8	114.9	49,300
65	61.1	112.1	40,100
70	58.3	109.1	32,000
75	55.4	105.7	24,600

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	249,600
26	81.7	136.5	244,300
28	80.8	136.2	230,400
30	79.9	135.8	202,200
32	79.0	135.4	179,100
34	78.1	134.9	159,900
36	77.2	134.5	143,600
38	76.3	133.9	129,700
40	75.4	133.4	117,600
42	74.5	132.8	107,000
44	73.5	132.2	97,700
46	72.6	131.6	89,400
48	71.7	130.9	82,000
50	70.7	130.2	75,300
55	68.4	128.2	61,200
60	66.0	126.0	49,900
65	63.5	123.5	40,700
70	61.0	120.8	32,400
75	58.4	117.8	25,100
80	55.8	114.4	18,700
81	55.2	113.7	17,500

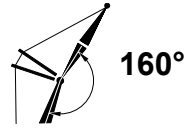
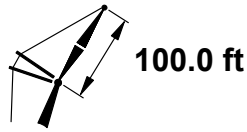


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



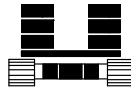
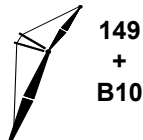
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	236,000
26	82.3	146.6	236,000
28	81.5	146.3	229,300
30	80.6	146.0	203,000
32	79.8	145.6	179,900
34	79.0	145.2	160,600
36	78.1	144.7	144,300
38	77.3	144.3	130,300
40	76.5	143.8	118,200
42	75.6	143.2	107,600
44	74.8	142.7	98,300
46	73.9	142.1	90,000
48	73.0	141.4	82,500
50	72.2	140.8	75,900
55	70.0	139.0	61,700
60	67.8	137.0	50,400
65	65.6	134.7	41,200
70	63.3	132.2	32,800
75	60.9	129.5	25,400
80	58.5	126.4	19,000
85	56.1	123.1	13,500
87	55.1	121.7	11,500

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	180,400
34	79.7	155.4	161,100
36	78.9	155.0	144,800
38	78.2	154.5	130,700
40	77.4	154.1	118,600
42	76.6	153.6	108,000
44	75.8	153.0	98,600
46	75.0	152.5	90,200
48	74.2	151.9	82,800
50	73.4	151.3	76,100
55	71.4	149.6	61,900
60	69.4	147.8	50,600
65	67.3	145.7	41,200
70	65.2	143.4	32,500
75	63.0	140.9	25,200
80	60.9	138.1	18,800
85	58.6	135.1	13,300
90	56.4	131.8	8,400
92	55.4	130.4	6,600

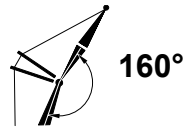
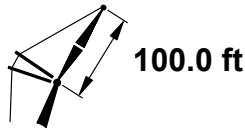
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	200,300
28	82.5	166.5	197,400
30	81.8	166.2	191,900
32	81.1	165.9	180,900
34	80.4	165.6	161,600
36	79.6	165.2	145,200
38	78.9	164.8	131,200
40	78.2	164.3	119,000
42	77.4	163.9	108,300
44	76.7	163.4	98,900
46	76.0	162.9	90,600
48	75.2	162.3	83,100
50	74.5	161.7	76,400
55	72.6	160.2	62,200
60	70.7	158.5	50,900
65	68.8	156.5	41,100
70	66.8	154.4	32,500
75	64.9	152.1	25,200
80	62.9	149.5	18,800
85	60.8	146.8	13,300
90	58.7	143.8	8,500

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

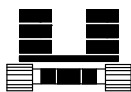
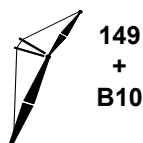


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	183,000
30	82.3	176.4	178,400
32	81.6	176.0	173,900
34	80.9	175.7	161,900
36	80.3	175.4	145,500
38	79.6	175.0	131,500
40	78.9	174.6	119,300
42	78.2	174.1	108,600
44	77.5	173.7	99,200
46	76.8	173.2	90,800
48	76.1	172.7	83,300
50	75.4	172.1	76,600
55	73.7	170.7	62,400
60	71.9	169.1	51,000
65	70.1	167.3	40,900
70	68.3	165.3	32,300
75	66.4	163.1	25,000
80	64.6	160.8	18,700
85	62.7	158.2	13,200
90	60.8	155.4	8,300

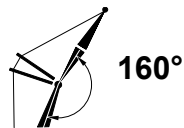
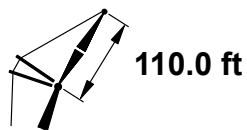
 180.0 ft			
ft	°	ft	lb
30	82.7	186.5	168,700
32	82.1	186.2	164,400
34	81.5	185.8	160,200
36	80.8	185.5	145,800
38	80.2	185.2	131,700
40	79.5	184.8	119,500
42	78.9	184.4	108,800
44	78.2	183.9	99,400
46	77.6	183.5	91,000
48	76.9	183.0	83,500
50	76.2	182.5	76,800
55	74.6	181.1	62,500
60	72.9	179.6	50,900
65	71.3	177.9	40,700
70	69.6	176.1	32,200
75	67.8	174.0	24,900
80	66.1	171.8	18,600
85	64.3	169.4	13,100
90	62.5	166.9	8,200

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



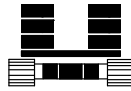
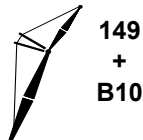
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	390,100
18	82.3	87.2	367,700
19	81.5	87.0	347,400
20	80.8	86.8	329,000
22	79.4	86.4	296,800
24	77.9	85.9	269,500
26	76.4	85.4	246,100
28	74.9	84.8	217,600
30	73.4	84.2	190,100
32	71.9	83.5	167,600
34	70.4	82.8	148,900
36	68.8	82.0	133,000
38	67.3	81.1	119,400
40	65.7	80.2	107,700
42	64.1	79.2	97,400
44	62.5	78.1	88,300
46	60.8	76.9	80,200
48	59.1	75.7	73,000
50	57.4	74.4	66,500
52	55.7	73.0	60,700

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	347,900
20	81.8	97.0	329,500
22	80.6	96.6	297,300
24	79.3	96.2	270,100
26	77.9	95.7	246,800
28	76.6	95.2	220,100
30	75.3	94.7	192,400
32	74.0	94.1	169,800
34	72.6	93.4	151,000
36	71.3	92.7	135,100
38	69.9	91.9	121,400
40	68.6	91.1	109,600
42	67.2	90.3	99,300
44	65.8	89.3	90,100
46	64.3	88.3	82,000
48	62.9	87.3	74,800
50	61.4	86.2	68,200
55	57.7	83.1	54,500
58	55.4	81.0	47,600

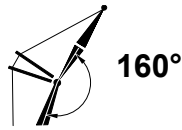
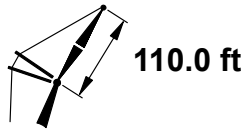
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	303,600
22	81.5	106.8	295,800
24	80.3	106.4	271,000
26	79.2	106.0	247,700
28	78.0	105.5	222,200
30	76.8	105.0	194,500
32	75.6	104.5	171,800
34	74.4	103.9	152,900
36	73.2	103.3	137,000
38	72.0	102.6	123,300
40	70.8	101.9	111,400
42	69.6	101.1	101,000
44	68.3	100.3	91,900
46	67.1	99.4	83,800
48	65.8	98.5	76,500
50	64.6	97.5	69,900
55	61.3	94.8	56,100
60	57.9	91.7	45,100
64	55.1	89.0	37,700

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



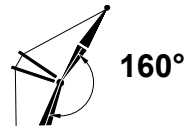
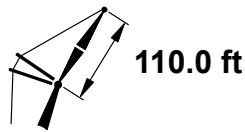
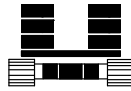
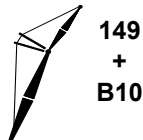
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	277,500
22	82.3	116.9	274,000
24	81.2	116.6	267,300
26	80.2	116.2	247,800
28	79.1	115.8	223,700
30	78.0	115.3	195,900
32	77.0	114.8	173,100
34	75.9	114.3	154,200
36	74.8	113.8	138,200
38	73.7	113.1	124,400
40	72.6	112.5	112,500
42	71.5	111.8	102,100
44	70.4	111.1	92,900
46	69.3	110.3	84,700
48	68.2	109.5	77,400
50	67.0	108.6	70,900
55	64.1	106.2	57,000
60	61.2	103.5	45,900
65	58.1	100.4	36,800
69	55.6	97.7	29,800

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	267,800
24	82.0	126.7	261,700
26	81.0	126.4	248,300
28	80.0	126.0	225,000
30	79.1	125.6	197,200
32	78.1	125.1	174,400
34	77.1	124.7	155,400
36	76.1	124.1	139,300
38	75.1	123.6	125,600
40	74.1	123.0	113,600
42	73.1	122.4	103,200
44	72.1	121.7	94,000
46	71.1	121.0	85,800
48	70.1	120.2	78,500
50	69.1	119.5	71,900
55	66.5	117.3	58,000
60	63.8	114.9	46,900
65	61.1	112.1	37,700
70	58.3	109.1	29,100
75	55.4	105.7	21,800

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	245,800
26	81.7	136.5	240,500
28	80.8	136.2	226,200
30	79.9	135.8	198,200
32	79.0	135.4	175,400
34	78.1	134.9	156,400
36	77.2	134.5	140,300
38	76.3	133.9	126,500
40	75.4	133.4	114,500
42	74.5	132.8	104,000
44	73.5	132.2	94,800
46	72.6	131.6	86,600
48	71.7	130.9	79,300
50	70.7	130.2	72,600
55	68.4	128.2	58,700
60	66.0	126.0	47,600
65	63.5	123.5	38,200
70	61.0	120.8	29,600
75	58.4	117.8	22,300
80	55.8	114.4	16,000
81	55.2	113.7	14,900

# MLC250 S-2

ASME B30.5



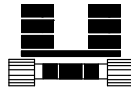
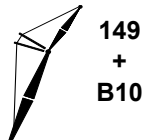
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	236,000
26	82.3	146.6	234,000
28	81.5	146.3	226,900
30	80.6	146.0	199,100
32	79.8	145.6	176,200
34	79.0	145.2	157,200
36	78.1	144.7	141,000
38	77.3	144.3	127,200
40	76.5	143.8	115,200
42	75.6	143.2	104,700
44	74.8	142.7	95,500
46	73.9	142.1	87,300
48	73.0	141.4	79,900
50	72.2	140.8	73,300
55	70.0	139.0	59,300
60	67.8	137.0	48,100
65	65.6	134.7	38,600
70	63.3	132.2	30,000
75	60.9	129.5	22,700
80	58.5	126.4	16,500
85	56.1	123.1	11,000
87	55.1	121.7	9,000

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	210,600
28	82.0	156.4	204,800
30	81.3	156.1	199,100
32	80.5	155.8	176,900
34	79.7	155.4	157,700
36	78.9	155.0	141,500
38	78.2	154.5	127,700
40	77.4	154.1	115,600
42	76.6	153.6	105,100
44	75.8	153.0	95,800
46	75.0	152.5	87,600
48	74.2	151.9	80,200
50	73.4	151.3	73,600
55	71.4	149.6	59,600
60	69.4	147.8	48,300
65	67.3	145.7	38,400
70	65.2	143.4	29,800
75	63.0	140.9	22,600
80	60.9	138.1	16,300
85	58.6	135.1	10,800
90	56.4	131.8	6,000

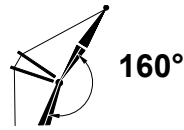
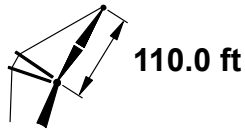
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	197,900
28	82.5	166.5	195,000
30	81.8	166.2	189,500
32	81.1	165.9	177,400
34	80.4	165.6	158,200
36	79.6	165.2	142,000
38	78.9	164.8	128,100
40	78.2	164.3	116,100
42	77.4	163.9	105,600
44	76.7	163.4	96,300
46	76.0	162.9	88,000
48	75.2	162.3	80,600
50	74.5	161.7	73,900
55	72.6	160.2	59,900
60	70.7	158.5	48,500
65	68.8	156.5	38,400
70	66.8	154.4	29,900
75	64.9	152.1	22,700
80	62.9	149.5	16,400
85	60.8	146.8	11,000
90	58.7	143.8	6,200

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

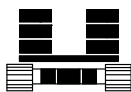


170.0 ft			
ft	°	ft	lb
28	83.0	176.6	180,600
30	82.3	176.4	176,100
32	81.6	176.0	171,600
34	80.9	175.7	158,700
36	80.3	175.4	142,400
38	79.6	175.0	128,500
40	78.9	174.6	116,400
42	78.2	174.1	105,900
44	77.5	173.7	96,600
46	76.8	173.2	88,300
48	76.1	172.7	80,900
50	75.4	172.1	74,200
55	73.7	170.7	60,100
60	71.9	169.1	48,300
65	70.1	167.3	38,300
70	68.3	165.3	29,800
75	66.4	163.1	22,600
80	64.6	160.8	16,300
85	62.7	158.2	10,900
90	60.8	155.4	6,100

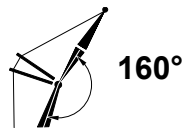
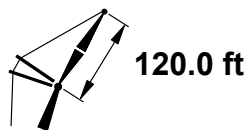
180.0 ft			
ft	°	ft	lb
30	82.7	186.5	166,300
32	82.1	186.2	162,000
34	81.5	185.8	157,800
36	80.8	185.5	142,700
38	80.2	185.2	128,800
40	79.5	184.8	116,700
42	78.9	184.4	106,100
44	78.2	183.9	96,800
46	77.6	183.5	88,500
48	76.9	183.0	81,100
50	76.2	182.5	74,400
55	74.6	181.1	60,300
60	72.9	179.6	48,100
65	71.3	177.9	38,100
70	69.6	176.1	29,700
75	67.8	174.0	22,500
80	66.1	171.8	16,200
85	64.3	169.4	10,800
90	62.5	166.9	6,000

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



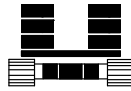
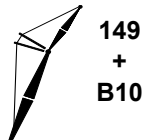
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	384,700
18	82.3	87.2	362,400
19	81.5	87.0	342,300
20	80.8	86.8	323,900
22	79.4	86.4	291,900
24	77.9	85.9	264,800
26	76.4	85.4	241,500
28	74.9	84.8	210,700
30	73.4	84.2	183,600
32	71.9	83.5	161,400
34	70.4	82.8	143,000
36	68.8	82.0	127,300
38	67.3	81.1	114,000
40	65.7	80.2	102,400
42	64.1	79.2	92,200
44	62.5	78.1	83,300
46	60.8	76.9	75,300
48	59.1	75.7	68,200
50	57.4	74.4	61,800
52	55.7	73.0	56,100

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	342,800
20	81.8	97.0	324,600
22	80.6	96.6	292,600
24	79.3	96.2	265,500
26	77.9	95.7	242,300
28	76.6	95.2	213,500
30	75.3	94.7	186,200
32	74.0	94.1	163,900
34	72.6	93.4	145,400
36	71.3	92.7	129,700
38	69.9	91.9	116,200
40	68.6	91.1	104,500
42	67.2	90.3	94,300
44	65.8	89.3	85,300
46	64.3	88.3	77,300
48	62.9	87.3	70,200
50	61.4	86.2	63,800
55	57.7	83.1	50,200
58	55.4	81.0	43,400

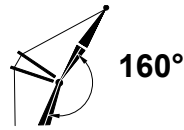
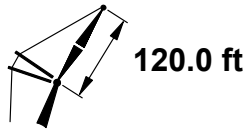
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	297,500
22	81.5	106.8	289,600
24	80.3	106.4	266,500
26	79.2	106.0	243,400
28	78.0	105.5	215,800
30	76.8	105.0	188,500
32	75.6	104.5	166,100
34	74.4	103.9	147,500
36	73.2	103.3	131,700
38	72.0	102.6	118,200
40	70.8	101.9	106,500
42	69.6	101.1	96,300
44	68.3	100.3	87,300
46	67.1	99.4	79,300
48	65.8	98.5	72,100
50	64.6	97.5	65,600
55	61.3	94.8	52,000
60	57.9	91.7	41,100
64	55.1	89.0	33,100

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	271,900
22	82.3	116.9	268,400
24	81.2	116.6	261,500
26	80.2	116.2	243,600
28	79.1	115.8	217,500
30	78.0	115.3	190,000
32	77.0	114.8	167,600
34	75.9	114.3	148,900
36	74.8	113.8	133,100
38	73.7	113.1	119,500
40	72.6	112.5	107,800
42	71.5	111.8	97,500
44	70.4	111.1	88,400
46	69.3	110.3	80,400
48	68.2	109.5	73,200
50	67.0	108.6	66,700
55	64.1	106.2	53,000
60	61.2	103.5	42,100
65	58.1	100.4	32,000
69	55.6	97.7	25,200

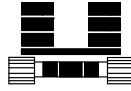
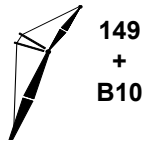
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	262,700
24	82.0	126.7	256,600
26	81.0	126.4	244,200
28	80.0	126.0	219,000
30	79.1	125.6	191,500
32	78.1	125.1	169,000
34	77.1	124.7	150,300
36	76.1	124.1	134,400
38	75.1	123.6	120,800
40	74.1	123.0	109,000
42	73.1	122.4	98,700
44	72.1	121.7	89,700
46	71.1	121.0	81,600
48	70.1	120.2	74,400
50	69.1	119.5	67,900
55	66.5	117.3	54,100
60	63.8	114.9	43,100
65	61.1	112.1	33,000
70	58.3	109.1	24,600
75	55.4	105.7	17,400

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	241,100
26	81.7	136.5	235,800
28	80.8	136.2	220,200
30	79.9	135.8	192,700
32	79.0	135.4	170,100
34	78.1	134.9	151,300
36	77.2	134.5	135,400
38	76.3	133.9	121,800
40	75.4	133.4	110,000
42	74.5	132.8	99,700
44	73.5	132.2	90,600
46	72.6	131.6	82,500
48	71.7	130.9	75,200
50	70.7	130.2	68,700
55	68.4	128.2	55,000
60	66.0	126.0	43,700
65	63.5	123.5	33,700
70	61.0	120.8	25,200
75	58.4	117.8	18,100
80	55.8	114.4	11,900
81	55.2	113.7	10,700

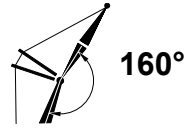
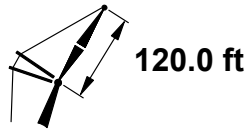


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



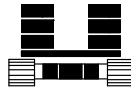
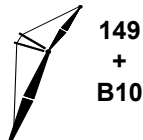
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	232,000
26	82.3	146.6	229,600
28	81.5	146.3	221,200
30	80.6	146.0	193,600
32	79.8	145.6	171,000
34	79.0	145.2	152,200
36	78.1	144.7	136,300
38	77.3	144.3	122,700
40	76.5	143.8	110,800
42	75.6	143.2	100,500
44	74.8	142.7	91,400
46	73.9	142.1	83,200
48	73.0	141.4	76,000
50	72.2	140.8	69,400
55	70.0	139.0	55,700
60	67.8	137.0	44,200
65	65.6	134.7	34,200
70	63.3	132.2	25,700
75	60.9	129.5	18,600
80	58.5	126.4	12,400
85	56.1	123.1	7,000
87	55.1	121.7	5,100

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	207,700
28	82.0	156.4	201,800
30	81.3	156.1	194,400
32	80.5	155.8	171,800
34	79.7	155.4	152,900
36	78.9	155.0	136,900
38	78.2	154.5	123,200
40	77.4	154.1	111,300
42	76.6	153.6	101,000
44	75.8	153.0	91,800
46	75.0	152.5	83,700
48	74.2	151.9	76,400
50	73.4	151.3	69,800
55	71.4	149.6	56,000
60	69.4	147.8	44,100
65	67.3	145.7	34,100
70	65.2	143.4	25,700
75	63.0	140.9	18,500
80	60.9	138.1	12,300
85	58.6	135.1	7,000

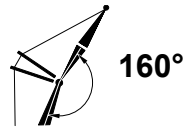
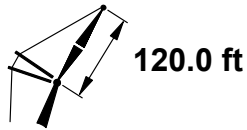
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	194,800
28	82.5	166.5	192,000
30	81.8	166.2	186,500
32	81.1	165.9	172,400
34	80.4	165.6	153,500
36	79.6	165.2	137,500
38	78.9	164.8	123,800
40	78.2	164.3	111,900
42	77.4	163.9	101,500
44	76.7	163.4	92,300
46	76.0	162.9	84,100
48	75.2	162.3	76,800
50	74.5	161.7	70,300
55	72.6	160.2	56,200
60	70.7	158.5	44,200
65	68.8	156.5	34,200
70	66.8	154.4	25,800
75	64.9	152.1	18,700
80	62.9	149.5	12,500
85	60.8	146.8	7,200

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ASME B30.5



184,600 lb  
+  
44,000 lb



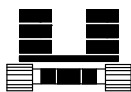
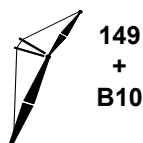
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	177,700
30	82.3	176.4	173,100
32	81.6	176.0	168,600
34	80.9	175.7	154,000
36	80.3	175.4	137,900
38	79.6	175.0	124,200
40	78.9	174.6	112,300
42	78.2	174.1	101,800
44	77.5	173.7	92,600
46	76.8	173.2	84,500
48	76.1	172.7	77,200
50	75.4	172.1	70,600
55	73.7	170.7	56,000
60	71.9	169.1	44,100
65	70.1	167.3	34,100
70	68.3	165.3	25,800
75	66.4	163.1	18,700
80	64.6	160.8	12,500
85	62.7	158.2	7,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	163,400
32	82.1	186.2	159,100
34	81.5	185.8	153,500
36	80.8	185.5	138,200
38	80.2	185.2	124,500
40	79.5	184.8	112,600
42	78.9	184.4	102,200
44	78.2	183.9	93,000
46	77.6	183.5	84,800
48	76.9	183.0	77,400
50	76.2	182.5	70,600
55	74.6	181.1	55,900
60	72.9	179.6	43,900
65	71.3	177.9	34,000
70	69.6	176.1	25,700
75	67.8	174.0	18,600
80	66.1	171.8	12,500
85	64.3	169.4	7,100

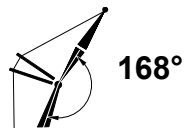
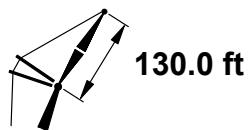
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



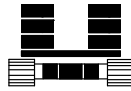
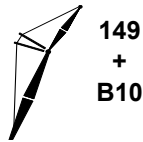
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	392,500
18	82.3	87.2	369,600
19	81.5	87.0	348,900
20	80.8	86.8	330,100
22	79.4	86.4	297,200
24	77.9	85.9	269,400
26	76.4	85.4	245,500
28	74.9	84.8	216,900
30	73.4	84.2	188,800
32	71.9	83.5	165,700
34	70.4	82.8	146,600
36	68.8	82.0	130,300
38	67.3	81.1	116,400
40	65.7	80.2	104,300
42	64.1	79.2	93,800
44	62.5	78.1	84,500
46	60.8	76.9	76,200
48	59.1	75.7	68,800
50	57.4	74.4	62,100
55	53.0	70.7	48,000
58	50.1	68.2	41,000

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	349,700
20	81.8	97.0	330,900
22	80.6	96.6	298,100
24	79.3	96.2	270,300
26	77.9	95.7	246,500
28	76.6	95.2	220,100
30	75.3	94.7	191,800
32	74.0	94.1	168,700
34	72.6	93.4	149,400
36	71.3	92.7	133,100
38	69.9	91.9	119,100
40	68.6	91.1	107,000
42	67.2	90.3	96,400
44	65.8	89.3	87,000
46	64.3	88.3	78,700
48	62.9	87.3	71,300
50	61.4	86.2	64,600
55	57.7	83.1	50,400
60	53.8	79.5	39,000
64	50.5	76.2	30,300

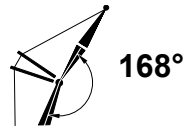
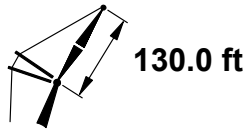
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	305,700
22	81.5	106.8	297,500
24	80.3	106.4	271,600
26	79.2	106.0	247,800
28	78.0	105.5	222,800
30	76.8	105.0	194,400
32	75.6	104.5	171,200
34	74.4	103.9	151,900
36	73.2	103.3	135,500
38	72.0	102.6	121,500
40	70.8	101.9	109,300
42	69.6	101.1	98,700
44	68.3	100.3	89,300
46	67.1	99.4	81,000
48	65.8	98.5	73,500
50	64.6	97.5	66,800
55	61.3	94.8	52,600
60	57.9	91.7	41,300
65	54.4	88.2	30,800
70	50.8	84.2	21,900
71	50.0	83.3	20,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



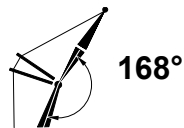
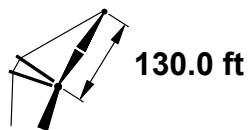
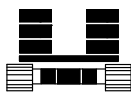
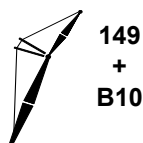
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	279,300
22	82.3	116.9	275,600
24	81.2	116.6	268,500
26	80.2	116.2	248,200
28	79.1	115.8	224,700
30	78.0	115.3	196,300
32	77.0	114.8	173,000
34	75.9	114.3	153,600
36	74.8	113.8	137,200
38	73.7	113.1	123,100
40	72.6	112.5	110,900
42	71.5	111.8	100,200
44	70.4	111.1	90,800
46	69.3	110.3	82,400
48	68.2	109.5	74,900
50	67.0	108.6	68,200
55	64.1	106.2	54,000
60	61.2	103.5	42,500
65	58.1	100.4	32,000
70	55.0	97.0	23,100
75	51.7	93.1	15,600
77	50.3	91.4	12,900

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	269,000
24	82.0	126.7	262,600
26	81.0	126.4	248,900
28	80.0	126.0	226,500
30	79.1	125.6	198,000
32	78.1	125.1	174,600
34	77.1	124.7	155,200
36	76.1	124.1	138,700
38	75.1	123.6	124,600
40	74.1	123.0	112,400
42	73.1	122.4	101,700
44	72.1	121.7	92,300
46	71.1	121.0	83,900
48	70.1	120.2	76,400
50	69.1	119.5	69,600
55	66.5	117.3	55,300
60	63.8	114.9	43,800
65	61.1	112.1	33,300
70	58.3	109.1	24,500
75	55.4	105.7	17,000
80	52.4	101.9	10,500
83	50.5	99.4	7,000

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	246,500
26	81.7	136.5	241,000
28	80.8	136.2	227,900
30	79.9	135.8	199,300
32	79.0	135.4	175,900
34	78.1	134.9	156,400
36	77.2	134.5	140,000
38	76.3	133.9	125,800
40	75.4	133.4	113,600
42	74.5	132.8	102,800
44	73.5	132.2	93,400
46	72.6	131.6	85,000
48	71.7	130.9	77,400
50	70.7	130.2	70,700
55	68.4	128.2	56,400
60	66.0	126.0	44,700
65	63.5	123.5	34,200
70	61.0	120.8	25,400
75	58.4	117.8	17,900
80	55.8	114.4	11,400
85	53.0	110.7	5,800

# MLC250 S-2

ASME B30.5



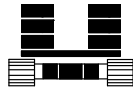
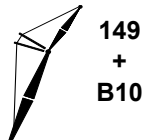
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	236,000
26	82.3	146.6	233,500
28	81.5	146.3	226,200
30	80.6	146.0	200,500
32	79.8	145.6	177,000
34	79.0	145.2	157,500
36	78.1	144.7	141,000
38	77.3	144.3	126,800
40	76.5	143.8	114,500
42	75.6	143.2	103,800
44	74.8	142.7	94,300
46	73.9	142.1	85,900
48	73.0	141.4	78,400
50	72.2	140.8	71,600
55	70.0	139.0	57,300
60	67.8	137.0	45,400
65	65.6	134.7	34,900
70	63.3	132.2	26,200
75	60.9	129.5	18,700
80	58.5	126.4	12,200
85	56.1	123.1	6,600

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	210,100
28	82.0	156.4	204,100
30	81.3	156.1	198,300
32	80.5	155.8	177,900
34	79.7	155.4	158,300
36	78.9	155.0	141,700
38	78.2	154.5	127,500
40	77.4	154.1	115,200
42	76.6	153.6	104,400
44	75.8	153.0	94,900
46	75.0	152.5	86,500
48	74.2	151.9	78,900
50	73.4	151.3	72,100
55	71.4	149.6	57,700
60	69.4	147.8	45,400
65	67.3	145.7	35,000
70	65.2	143.4	26,300
75	63.0	140.9	18,800
80	60.9	138.1	12,400
85	58.6	135.1	6,700

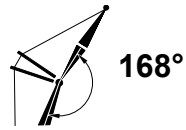
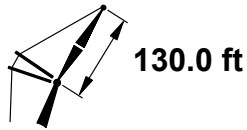
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	197,300
28	82.5	166.5	194,400
30	81.8	166.2	188,800
32	81.1	165.9	178,600
34	80.4	165.6	159,000
36	79.6	165.2	142,400
38	78.9	164.8	128,200
40	78.2	164.3	115,800
42	77.4	163.9	105,100
44	76.7	163.4	95,500
46	76.0	162.9	87,100
48	75.2	162.3	79,500
50	74.5	161.7	72,700
55	72.6	160.2	58,200
60	70.7	158.5	45,700
65	68.8	156.5	35,300
70	66.8	154.4	26,600
75	64.9	152.1	19,200
80	62.9	149.5	12,700
85	60.8	146.8	7,100

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



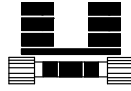
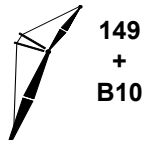
 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	180,000
30	82.3	176.4	175,300
32	81.6	176.0	170,800
34	80.9	175.7	159,600
36	80.3	175.4	143,000
38	79.6	175.0	128,700
40	78.9	174.6	116,400
42	78.2	174.1	105,500
44	77.5	173.7	96,000
46	76.8	173.2	87,500
48	76.1	172.7	79,900
50	75.4	172.1	73,100
55	73.7	170.7	58,200
60	71.9	169.1	45,700
65	70.1	167.3	35,400
70	68.3	165.3	26,700
75	66.4	163.1	19,300
80	64.6	160.8	12,900
85	62.7	158.2	7,300

 180.0 ft			
ft	°	ft	lb
30	82.7	186.5	165,600
32	82.1	186.2	161,300
34	81.5	185.8	157,000
36	80.8	185.5	143,500
38	80.2	185.2	129,200
40	79.5	184.8	116,800
42	78.9	184.4	106,000
44	78.2	183.9	96,400
46	77.6	183.5	87,900
48	76.9	183.0	80,300
50	76.2	182.5	73,400
55	74.6	181.1	58,100
60	72.9	179.6	45,700
65	71.3	177.9	35,400
70	69.6	176.1	26,800
75	67.8	174.0	19,400
80	66.1	171.8	13,000
85	64.3	169.4	7,400

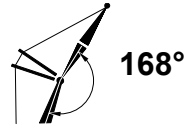
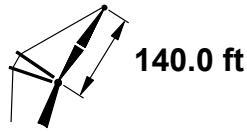
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



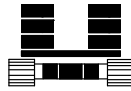
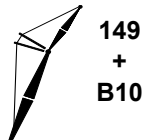
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	388,100
18	82.3	87.2	365,300
19	81.5	87.0	344,600
20	80.8	86.8	325,800
22	79.4	86.4	293,000
24	77.9	85.9	265,200
26	76.4	85.4	241,400
28	74.9	84.8	210,900
30	73.4	84.2	183,000
32	71.9	83.5	160,200
34	70.4	82.8	141,200
36	68.8	82.0	125,100
38	67.3	81.1	111,300
40	65.7	80.2	99,300
42	64.1	79.2	88,900
44	62.5	78.1	79,700
46	60.8	76.9	71,500
48	59.1	75.7	64,100
50	57.4	74.4	57,500
55	53.0	70.7	43,600
58	50.1	68.2	35,600

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	345,500
20	81.8	97.0	326,800
22	80.6	96.6	294,100
24	79.3	96.2	266,400
26	77.9	95.7	242,600
28	76.6	95.2	214,400
30	75.3	94.7	186,300
32	74.0	94.1	163,400
34	72.6	93.4	144,300
36	71.3	92.7	128,100
38	69.9	91.9	114,300
40	68.6	91.1	102,300
42	67.2	90.3	91,800
44	65.8	89.3	82,500
46	64.3	88.3	74,300
48	62.9	87.3	66,900
50	61.4	86.2	60,300
55	57.7	83.1	46,300
60	53.8	79.5	33,700
64	50.5	76.2	25,200

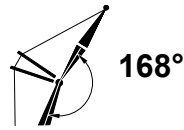
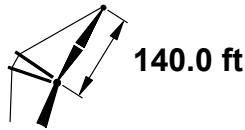
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	300,600
22	81.5	106.8	292,300
24	80.3	106.4	267,700
26	79.2	106.0	244,000
28	78.0	105.5	217,300
30	76.8	105.0	189,200
32	75.6	104.5	166,200
34	74.4	103.9	147,000
36	73.2	103.3	130,800
38	72.0	102.6	116,900
40	70.8	101.9	104,900
42	69.6	101.1	94,300
44	68.3	100.3	85,000
46	67.1	99.4	76,800
48	65.8	98.5	69,400
50	64.6	97.5	62,700
55	61.3	94.8	48,700
60	57.9	91.7	36,300
65	54.4	88.2	25,900
70	50.8	84.2	17,100
71	50.0	83.3	15,500

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	274,600
22	82.3	116.9	270,900
24	81.2	116.6	263,700
26	80.2	116.2	244,500
28	79.1	115.8	219,500
30	78.0	115.3	191,200
32	77.0	114.8	168,200
34	75.9	114.3	148,900
36	74.8	113.8	132,700
38	73.7	113.1	118,700
40	72.6	112.5	106,600
42	71.5	111.8	96,000
44	70.4	111.1	86,700
46	69.3	110.3	78,400
48	68.2	109.5	71,000
50	67.0	108.6	64,300
55	64.1	106.2	50,200
60	61.2	103.5	37,700
65	58.1	100.4	27,300
70	55.0	97.0	18,500
75	51.7	93.1	11,100
77	50.3	91.4	8,400

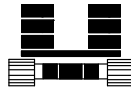
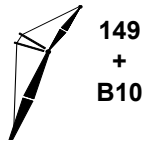
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	264,600
24	82.0	126.7	258,200
26	81.0	126.4	245,300
28	80.0	126.0	221,400
30	79.1	125.6	193,100
32	78.1	125.1	170,000
34	77.1	124.7	150,700
36	76.1	124.1	134,400
38	75.1	123.6	120,400
40	74.1	123.0	108,300
42	73.1	122.4	97,700
44	72.1	121.7	88,300
46	71.1	121.0	80,000
48	70.1	120.2	72,600
50	69.1	119.5	65,900
55	66.5	117.3	51,700
60	63.8	114.9	39,200
65	61.1	112.1	28,800
70	58.3	109.1	20,100
75	55.4	105.7	12,600
80	52.4	101.9	6,200

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	242,600
26	81.7	136.5	237,000
28	80.8	136.2	222,900
30	79.9	135.8	194,600
32	79.0	135.4	171,400
34	78.1	134.9	152,100
36	77.2	134.5	135,700
38	76.3	133.9	121,700
40	75.4	133.4	109,600
42	74.5	132.8	98,900
44	73.5	132.2	89,600
46	72.6	131.6	81,200
48	71.7	130.9	73,800
50	70.7	130.2	67,100
55	68.4	128.2	52,800
60	66.0	126.0	40,300
65	63.5	123.5	29,900
70	61.0	120.8	21,200
75	58.4	117.8	13,700
80	55.8	114.4	7,300

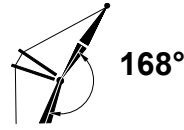
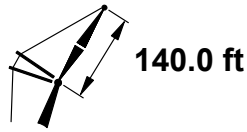


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



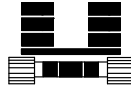
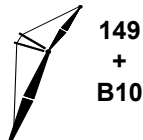
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	232,900
26	82.3	146.6	230,400
28	81.5	146.3	223,500
30	80.6	146.0	195,900
32	79.8	145.6	172,600
34	79.0	145.2	153,300
36	78.1	144.7	136,900
38	77.3	144.3	122,800
40	76.5	143.8	110,700
42	75.6	143.2	100,000
44	74.8	142.7	90,600
46	73.9	142.1	82,300
48	73.0	141.4	74,800
50	72.2	140.8	68,100
55	70.0	139.0	53,600
60	67.8	137.0	41,100
65	65.6	134.7	30,700
70	63.3	132.2	22,000
75	60.9	129.5	14,600
80	58.5	126.4	8,200

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	207,400
28	82.0	156.4	201,400
30	81.3	156.1	195,600
32	80.5	155.8	173,600
34	79.7	155.4	154,200
36	78.9	155.0	137,700
38	78.2	154.5	123,600
40	77.4	154.1	111,400
42	76.6	153.6	100,700
44	75.8	153.0	91,300
46	75.0	152.5	82,900
48	74.2	151.9	75,400
50	73.4	151.3	68,700
55	71.4	149.6	53,700
60	69.4	147.8	41,300
65	67.3	145.7	31,000
70	65.2	143.4	22,300
75	63.0	140.9	14,900
80	60.9	138.1	8,500

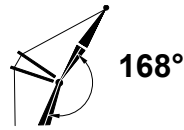
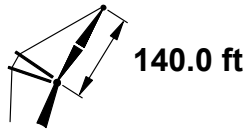
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	194,600
28	82.5	166.5	191,700
30	81.8	166.2	186,100
32	81.1	165.9	174,400
34	80.4	165.6	155,000
36	79.6	165.2	138,500
38	78.9	164.8	124,400
40	78.2	164.3	112,200
42	77.4	163.9	101,500
44	76.7	163.4	92,000
46	76.0	162.9	83,600
48	75.2	162.3	76,100
50	74.5	161.7	69,300
55	72.6	160.2	54,000
60	70.7	158.5	41,600
65	68.8	156.5	31,400
70	66.8	154.4	22,700
75	64.9	152.1	15,300
80	62.9	149.5	9,000

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



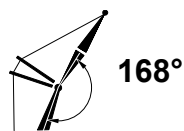
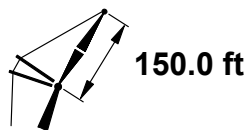
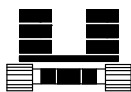
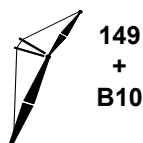
170.0 ft			
ft	°	ft	lb
28	83.0	176.6	177,300
30	82.3	176.4	172,700
32	81.6	176.0	168,100
34	80.9	175.7	155,300
36	80.3	175.4	139,100
38	79.6	175.0	125,000
40	78.9	174.6	112,700
42	78.2	174.1	102,000
44	77.5	173.7	92,600
46	76.8	173.2	84,100
48	76.1	172.7	76,400
50	75.4	172.1	69,300
55	73.7	170.7	54,100
60	71.9	169.1	41,700
65	70.1	167.3	31,500
70	68.3	165.3	22,900
75	66.4	163.1	15,500
80	64.6	160.8	9,200

180.0 ft			
ft	°	ft	lb
30	82.7	186.5	162,900
32	82.1	186.2	158,600
34	81.5	185.8	154,300
36	80.8	185.5	138,900
38	80.2	185.2	125,200
40	79.5	184.8	113,100
42	78.9	184.4	102,300
44	78.2	183.9	92,700
46	77.6	183.5	84,100
48	76.9	183.0	76,300
50	76.2	182.5	69,200
55	74.6	181.1	54,100
60	72.9	179.6	41,800
65	71.3	177.9	31,600
70	69.6	176.1	23,000
75	67.8	174.0	15,700
80	66.1	171.8	9,400

REFER TO CRANE MANUAL ONLY!

# MLC250 S-2

ASME B30.5



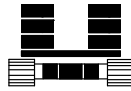
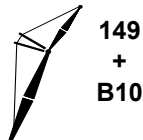
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	384,800
18	82.3	87.2	362,100
19	81.5	87.0	341,400
20	80.8	86.8	322,700
22	79.4	86.4	289,900
24	77.9	85.9	262,200
26	76.4	85.4	238,400
28	74.9	84.8	206,200
30	73.4	84.2	178,600
32	71.9	83.5	155,900
34	70.4	82.8	137,100
36	68.8	82.0	121,100
38	67.3	81.1	107,500
40	65.7	80.2	95,600
42	64.1	79.2	85,300
44	62.5	78.1	76,100
46	60.8	76.9	68,000
48	59.1	75.7	60,700
50	57.4	74.4	54,200
55	53.0	70.7	39,400
58	50.1	68.2	31,500

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	342,500
20	81.8	97.0	323,800
22	80.6	96.6	291,200
24	79.3	96.2	263,500
26	77.9	95.7	239,800
28	76.6	95.2	209,900
30	75.3	94.7	182,200
32	74.0	94.1	159,400
34	72.6	93.4	140,500
36	71.3	92.7	124,500
38	69.9	91.9	110,700
40	68.6	91.1	98,800
42	67.2	90.3	88,400
44	65.8	89.3	79,200
46	64.3	88.3	71,000
48	62.9	87.3	63,700
50	61.4	86.2	57,200
55	57.7	83.1	42,500
60	53.8	79.5	29,900
64	50.5	76.2	21,500

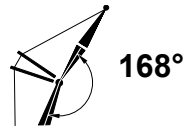
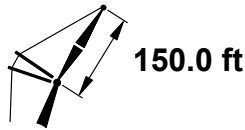
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	296,000
22	81.5	106.8	287,600
24	80.3	106.4	265,000
26	79.2	106.0	241,400
28	78.0	105.5	213,100
30	76.8	105.0	185,200
32	75.6	104.5	162,400
34	74.4	103.9	143,400
36	73.2	103.3	127,300
38	72.0	102.6	113,500
40	70.8	101.9	101,600
42	69.6	101.1	91,100
44	68.3	100.3	81,900
46	67.1	99.4	73,700
48	65.8	98.5	66,400
50	64.6	97.5	59,800
55	61.3	94.8	45,300
60	57.9	91.7	32,800
65	54.4	88.2	22,500
70	50.8	84.2	13,800
71	50.0	83.3	12,200

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



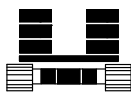
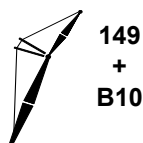
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	270,500
22	82.3	116.9	266,700
24	81.2	116.6	259,400
26	80.2	116.2	241,900
28	79.1	115.8	215,400
30	78.0	115.3	187,400
32	77.0	114.8	164,500
34	75.9	114.3	145,500
36	74.8	113.8	129,300
38	73.7	113.1	115,500
40	72.6	112.5	103,500
42	71.5	111.8	93,000
44	70.4	111.1	83,700
46	69.3	110.3	75,500
48	68.2	109.5	68,200
50	67.0	108.6	61,500
55	64.1	106.2	46,900
60	61.2	103.5	34,400
65	58.1	100.4	24,100
70	55.0	97.0	15,400
75	51.7	93.1	8,000
77	50.3	91.4	5,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	260,900
24	82.0	126.7	254,400
26	81.0	126.4	242,800
28	80.0	126.0	217,500
30	79.1	125.6	189,400
32	78.1	125.1	166,500
34	77.1	124.7	147,300
36	76.1	124.1	131,200
38	75.1	123.6	117,300
40	74.1	123.0	105,300
42	73.1	122.4	94,800
44	72.1	121.7	85,500
46	71.1	121.0	77,200
48	70.1	120.2	69,900
50	69.1	119.5	63,200
55	66.5	117.3	48,500
60	63.8	114.9	36,000
65	61.1	112.1	25,700
70	58.3	109.1	17,100
75	55.4	105.7	9,700

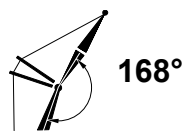
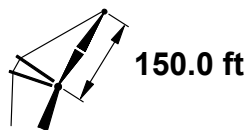
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	239,100
26	81.7	136.5	233,500
28	80.8	136.2	219,200
30	79.9	135.8	191,100
32	79.0	135.4	168,000
34	78.1	134.9	148,900
36	77.2	134.5	132,700
38	76.3	133.9	118,700
40	75.4	133.4	106,700
42	74.5	132.8	96,200
44	73.5	132.2	86,800
46	72.6	131.6	78,600
48	71.7	130.9	71,200
50	70.7	130.2	64,500
55	68.4	128.2	49,600
60	66.0	126.0	37,200
65	63.5	123.5	26,900
70	61.0	120.8	18,300
75	58.4	117.8	10,900

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



**140.0 ft**

	ft	°	ft	lb
25	82.7	146.8	229,600	
26	82.3	146.6	227,100	
28	81.5	146.3	219,500	
30	80.6	146.0	192,400	
32	79.8	145.6	169,400	
34	79.0	145.2	150,200	
36	78.1	144.7	133,900	
38	77.3	144.3	120,000	
40	76.5	143.8	107,900	
42	75.6	143.2	97,300	
44	74.8	142.7	88,000	
46	73.9	142.1	79,700	
48	73.0	141.4	72,300	
50	72.2	140.8	65,600	
55	70.0	139.0	50,500	
60	67.8	137.0	38,100	
65	65.6	134.7	27,900	
70	63.3	132.2	19,300	
75	60.9	129.5	12,000	
80	58.5	126.4	5,600	

**150.0 ft**

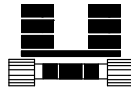
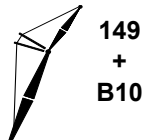
	ft	°	ft	lb
26	82.8	156.7	205,100	
28	82.0	156.4	199,200	
30	81.3	156.1	192,800	
32	80.5	155.8	170,400	
34	79.7	155.4	151,100	
36	78.9	155.0	134,800	
38	78.2	154.5	120,800	
40	77.4	154.1	108,700	
42	76.6	153.6	98,100	
44	75.8	153.0	88,800	
46	75.0	152.5	80,500	
48	74.2	151.9	73,000	
50	73.4	151.3	66,000	
55	71.4	149.6	50,800	
60	69.4	147.8	38,400	
65	67.3	145.7	28,200	
70	65.2	143.4	19,600	
75	63.0	140.9	12,300	
80	60.9	138.1	6,000	

**160.0 ft**

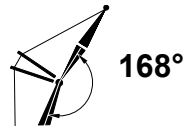
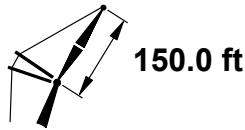
	ft	°	ft	lb
27	82.9	166.7	192,200	
28	82.5	166.5	189,400	
30	81.8	166.2	183,800	
32	81.1	165.9	170,600	
34	80.4	165.6	152,000	
36	79.6	165.2	135,700	
38	78.9	164.8	121,700	
40	78.2	164.3	109,500	
42	77.4	163.9	98,900	
44	76.7	163.4	89,500	
46	76.0	162.9	81,200	
48	75.2	162.3	73,400	
50	74.5	161.7	66,300	
55	72.6	160.2	51,200	
60	70.7	158.5	38,900	
65	68.8	156.5	28,700	
70	66.8	154.4	20,100	
75	64.9	152.1	12,800	
80	62.9	149.5	6,500	

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



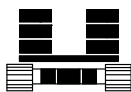
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	175,000
30	82.3	176.4	170,400
32	81.6	176.0	165,900
34	80.9	175.7	151,700
36	80.3	175.4	135,900
38	79.6	175.0	122,200
40	78.9	174.6	110,100
42	78.2	174.1	99,400
44	77.5	173.7	89,800
46	76.8	173.2	81,200
48	76.1	172.7	73,500
50	75.4	172.1	66,400
55	73.7	170.7	51,300
60	71.9	169.1	39,100
65	70.1	167.3	28,900
70	68.3	165.3	20,400
75	66.4	163.1	13,100
80	64.6	160.8	6,800

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	160,700
32	82.1	186.2	156,300
34	81.5	185.8	151,100
36	80.8	185.5	135,500
38	80.2	185.2	121,800
40	79.5	184.8	109,800
42	78.9	184.4	99,200
44	78.2	183.9	89,700
46	77.6	183.5	81,100
48	76.9	183.0	73,400
50	76.2	182.5	66,400
55	74.6	181.1	51,400
60	72.9	179.6	39,200
65	71.3	177.9	29,100
70	69.6	176.1	20,600
75	67.8	174.0	13,400
80	66.1	171.8	7,100

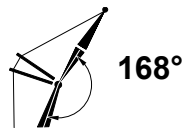
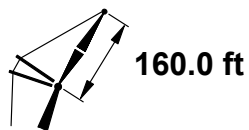
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



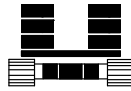
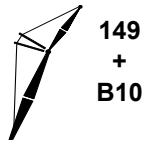
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	380,200
18	82.3	87.2	357,500
19	81.5	87.0	336,900
20	80.8	86.8	318,200
22	79.4	86.4	285,500
24	77.9	85.9	257,900
26	76.4	85.4	234,000
28	74.9	84.8	199,800
30	73.4	84.2	172,500
32	71.9	83.5	150,100
34	70.4	82.8	131,400
36	68.8	82.0	115,600
38	67.3	81.1	102,100
40	65.7	80.2	90,400
42	64.1	79.2	80,100
44	62.5	78.1	71,100
46	60.8	76.9	63,100
48	59.1	75.7	55,900
50	57.4	74.4	48,700
55	53.0	70.7	33,300
58	50.1	68.2	25,600

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	338,100
20	81.8	97.0	319,500
22	80.6	96.6	286,900
24	79.3	96.2	259,400
26	77.9	95.7	235,700
28	76.6	95.2	203,900
30	75.3	94.7	176,400
32	74.0	94.1	153,900
34	72.6	93.4	135,100
36	71.3	92.7	119,200
38	69.9	91.9	105,600
40	68.6	91.1	93,900
42	67.2	90.3	83,600
44	65.8	89.3	74,500
46	64.3	88.3	66,400
48	62.9	87.3	59,100
50	61.4	86.2	52,200
55	57.7	83.1	36,800
60	53.8	79.5	24,400
64	50.5	76.2	16,100

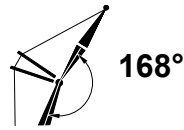
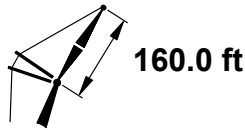
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	290,600
22	81.5	106.8	282,000
24	80.3	106.4	261,000
26	79.2	106.0	237,400
28	78.0	105.5	207,300
30	76.8	105.0	179,700
32	75.6	104.5	157,100
34	74.4	103.9	138,300
36	73.2	103.3	122,400
38	72.0	102.6	108,700
40	70.8	101.9	96,900
42	69.6	101.1	86,500
44	68.3	100.3	77,400
46	67.1	99.4	69,300
48	65.8	98.5	62,100
50	64.6	97.5	55,300
55	61.3	94.8	39,900
60	57.9	91.7	27,500
65	54.4	88.2	17,300
70	50.8	84.2	8,700
71	50.0	83.3	7,200

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	265,500
22	82.3	116.9	261,600
24	81.2	116.6	254,200
26	80.2	116.2	238,100
28	79.1	115.8	209,900
30	78.0	115.3	182,100
32	77.0	114.8	159,500
34	75.9	114.3	140,600
36	74.8	113.8	124,600
38	73.7	113.1	110,900
40	72.6	112.5	99,000
42	71.5	111.8	88,600
44	70.4	111.1	79,400
46	69.3	110.3	71,300
48	68.2	109.5	64,000
50	67.0	108.6	57,000
55	64.1	106.2	41,800
60	61.2	103.5	29,400
65	58.1	100.4	19,200
70	55.0	97.0	10,600

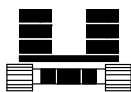
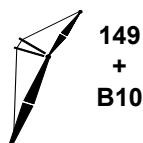
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	256,300
24	82.0	126.7	249,700
26	81.0	126.4	239,100
28	80.0	126.0	212,100
30	79.1	125.6	184,300
32	78.1	125.1	161,600
34	77.1	124.7	142,600
36	76.1	124.1	126,600
38	75.1	123.6	112,800
40	74.1	123.0	100,900
42	73.1	122.4	90,500
44	72.1	121.7	81,300
46	71.1	121.0	73,200
48	70.1	120.2	65,900
50	69.1	119.5	58,800
55	66.5	117.3	43,600
60	63.8	114.9	31,200
65	61.1	112.1	21,000
70	58.3	109.1	12,500
75	55.4	105.7	5,200

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	234,800
26	81.7	136.5	229,100
28	80.8	136.2	213,500
30	79.9	135.8	186,100
32	79.0	135.4	163,300
34	78.1	134.9	144,300
36	77.2	134.5	128,200
38	76.3	133.9	114,400
40	75.4	133.4	102,500
42	74.5	132.8	92,100
44	73.5	132.2	82,800
46	72.6	131.6	74,700
48	71.7	130.9	67,100
50	70.7	130.2	60,000
55	68.4	128.2	44,800
60	66.0	126.0	32,600
65	63.5	123.5	22,400
70	61.0	120.8	13,900
75	58.4	117.8	6,600

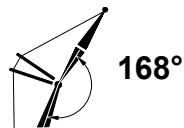
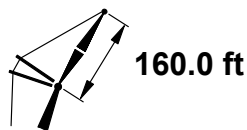


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



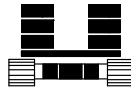
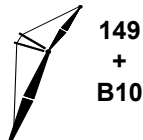
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	225,600
26	82.3	146.6	223,100
28	81.5	146.3	213,200
30	80.6	146.0	187,300
32	79.8	145.6	164,700
34	79.0	145.2	145,700
36	78.1	144.7	129,600
38	77.3	144.3	115,800
40	76.5	143.8	103,800
42	75.6	143.2	93,400
44	74.8	142.7	84,100
46	73.9	142.1	75,900
48	73.0	141.4	68,100
50	72.2	140.8	61,000
55	70.0	139.0	45,900
60	67.8	137.0	33,600
65	65.6	134.7	23,500
70	63.3	132.2	15,000
75	60.9	129.5	7,700

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	202,300
28	82.0	156.4	196,400
30	81.3	156.1	186,800
32	80.5	155.8	165,300
34	79.7	155.4	146,800
36	78.9	155.0	130,600
38	78.2	154.5	116,800
40	77.4	154.1	104,800
42	76.6	153.6	94,300
44	75.8	153.0	84,800
46	75.0	152.5	76,200
48	74.2	151.9	68,400
50	73.4	151.3	61,300
55	71.4	149.6	46,300
60	69.4	147.8	34,100
65	67.3	145.7	24,000
70	65.2	143.4	15,500
75	63.0	140.9	8,200

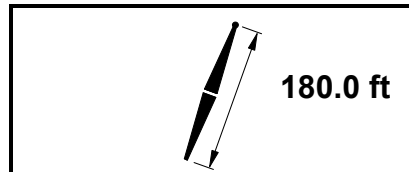
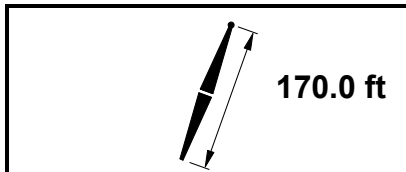
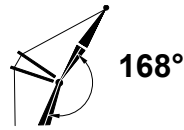
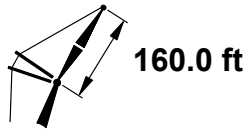
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	189,300
28	82.5	166.5	186,400
30	81.8	166.2	180,900
32	81.1	165.9	165,000
34	80.4	165.6	146,800
36	79.6	165.2	131,000
38	78.9	164.8	117,300
40	78.2	164.3	105,300
42	77.4	163.9	94,600
44	76.7	163.4	85,100
46	76.0	162.9	76,500
48	75.2	162.3	68,800
50	74.5	161.7	61,800
55	72.6	160.2	46,800
60	70.7	158.5	34,600
65	68.8	156.5	24,600
70	66.8	154.4	16,100
75	64.9	152.1	8,900

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



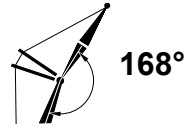
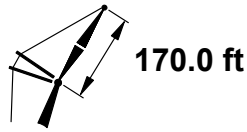
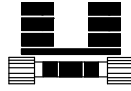
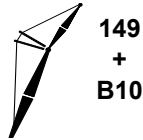
	ft	°	ft	lb
28	83.0	176.6	172,200	
30	82.3	176.4	167,600	
32	81.6	176.0	163,000	
34	80.9	175.7	146,400	
36	80.3	175.4	130,800	
38	79.6	175.0	117,200	
40	78.9	174.6	105,200	
42	78.2	174.1	94,600	
44	77.5	173.7	85,100	
46	76.8	173.2	76,600	
48	76.1	172.7	68,900	
50	75.4	172.1	62,000	
55	73.7	170.7	47,000	
60	71.9	169.1	34,900	
65	70.1	167.3	24,900	
70	68.3	165.3	16,400	
75	66.4	163.1	9,200	

	ft	°	ft	lb
30	82.7	186.5	157,800	
32	82.1	186.2	153,400	
34	81.5	185.8	145,900	
36	80.8	185.5	130,400	
38	80.2	185.2	116,900	
40	79.5	184.8	105,100	
42	78.9	184.4	94,500	
44	78.2	183.9	85,100	
46	77.6	183.5	76,700	
48	76.9	183.0	69,000	
50	76.2	182.5	62,100	
55	74.6	181.1	47,200	
60	72.9	179.6	35,200	
65	71.3	177.9	25,200	
70	69.6	176.1	16,700	
75	67.8	174.0	9,600	

REFER TO CRANE MANUAL ONLY!

# MLC250 S-2

ASME B30.5



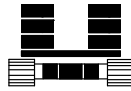
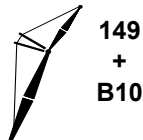
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	376,000
18	82.3	87.2	353,300
19	81.5	87.0	332,800
20	80.8	86.8	314,100
22	79.4	86.4	281,500
24	77.9	85.9	253,900
26	76.4	85.4	227,700
28	74.9	84.8	193,800
30	73.4	84.2	166,700
32	71.9	83.5	144,600
34	70.4	82.8	126,100
36	68.8	82.0	110,500
38	67.3	81.1	97,100
40	65.7	80.2	85,500
42	64.1	79.2	75,400
44	62.5	78.1	66,400
46	60.8	76.9	58,000
48	59.1	75.7	50,100
50	57.4	74.4	43,000
55	53.0	70.7	27,800
58	50.1	68.2	20,200

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	334,100
20	81.8	97.0	315,600
22	80.6	96.6	283,100
24	79.3	96.2	255,600
26	77.9	95.7	232,000
28	76.6	95.2	198,200
30	75.3	94.7	171,000
32	74.0	94.1	148,700
34	72.6	93.4	130,100
36	71.3	92.7	114,400
38	69.9	91.9	101,000
40	68.6	91.1	89,300
42	67.2	90.3	79,100
44	65.8	89.3	70,100
46	64.3	88.3	61,900
48	62.9	87.3	54,000
50	61.4	86.2	46,800
55	57.7	83.1	31,600
60	53.8	79.5	19,400
64	50.5	76.2	11,100

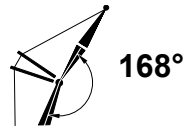
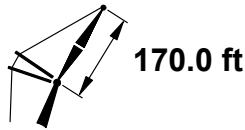
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	286,300
22	81.5	106.8	277,500
24	80.3	106.4	257,300
26	79.2	106.0	233,800
28	78.0	105.5	201,900
30	76.8	105.0	174,500
32	75.6	104.5	152,200
34	74.4	103.9	133,500
36	73.2	103.3	117,800
38	72.0	102.6	104,300
40	70.8	101.9	92,600
42	69.6	101.1	82,300
44	68.3	100.3	73,300
46	67.1	99.4	65,200
48	65.8	98.5	57,300
50	64.6	97.5	50,200
55	61.3	94.8	35,100
60	57.9	91.7	22,800
65	54.4	88.2	12,700

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



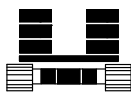
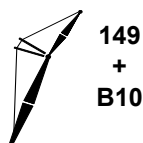
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	261,500
22	82.3	116.9	257,600
24	81.2	116.6	250,100
26	80.2	116.2	234,700
28	79.1	115.8	204,600
30	78.0	115.3	177,200
32	77.0	114.8	154,700
34	75.9	114.3	136,000
36	74.8	113.8	120,200
38	73.7	113.1	106,600
40	72.6	112.5	94,900
42	71.5	111.8	84,600
44	70.4	111.1	75,500
46	69.3	110.3	67,200
48	68.2	109.5	59,300
50	67.0	108.6	52,200
55	64.1	106.2	37,100
60	61.2	103.5	24,900
65	58.1	100.4	14,800
70	55.0	97.0	6,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	252,600
24	82.0	126.7	246,000
26	81.0	126.4	235,800
28	80.0	126.0	207,000
30	79.1	125.6	179,500
32	78.1	125.1	157,000
34	77.1	124.7	138,200
36	76.1	124.1	122,400
38	75.1	123.6	108,800
40	74.1	123.0	97,000
42	73.1	122.4	86,700
44	72.1	121.7	77,600
46	71.1	121.0	69,000
48	70.1	120.2	61,200
50	69.1	119.5	54,200
55	66.5	117.3	39,100
60	63.8	114.9	26,900
65	61.1	112.1	16,900
70	58.3	109.1	8,400

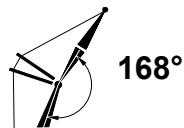
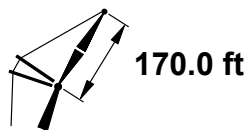
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	231,500
26	81.7	136.5	225,700
28	80.8	136.2	207,400
30	79.9	135.8	181,500
32	79.0	135.4	158,900
34	78.1	134.9	140,100
36	77.2	134.5	124,100
38	76.3	133.9	110,500
40	75.4	133.4	98,700
42	74.5	132.8	88,300
44	73.5	132.2	79,000
46	72.6	131.6	70,400
48	71.7	130.9	62,600
50	70.7	130.2	55,600
55	68.4	128.2	40,600
60	66.0	126.0	28,400
65	63.5	123.5	18,400
70	61.0	120.8	9,900

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft

	ft	°	ft	lb
25	82.7	146.8	222,500	
26	82.3	146.6	220,000	
28	81.5	146.3	207,300	
30	80.6	146.0	181,600	
32	79.8	145.6	160,100	
34	79.0	145.2	141,600	
36	78.1	144.7	125,600	
38	77.3	144.3	112,000	
40	76.5	143.8	100,100	
42	75.6	143.2	89,500	
44	74.8	142.7	80,000	
46	73.9	142.1	71,400	
48	73.0	141.4	63,700	
50	72.2	140.8	56,700	
55	70.0	139.0	41,800	
60	67.8	137.0	29,600	
65	65.6	134.7	19,600	
70	63.3	132.2	11,200	

150.0 ft

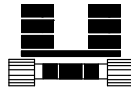
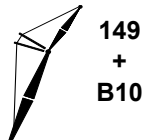
	ft	°	ft	lb
26	82.8	156.7	200,200	
28	82.0	156.4	194,200	
30	81.3	156.1	181,400	
32	80.5	155.8	160,000	
34	79.7	155.4	141,800	
36	78.9	155.0	126,200	
38	78.2	154.5	112,500	
40	77.4	154.1	100,500	
42	76.6	153.6	89,800	
44	75.8	153.0	80,400	
46	75.0	152.5	71,800	
48	74.2	151.9	64,100	
50	73.4	151.3	57,200	
55	71.4	149.6	42,300	
60	69.4	147.8	30,200	
65	67.3	145.7	20,200	
70	65.2	143.4	11,800	

160.0 ft

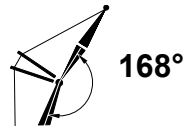
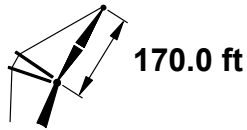
	ft	°	ft	lb
27	82.9	166.7	187,200	
28	82.5	166.5	184,300	
30	81.8	166.2	178,700	
32	81.1	165.9	159,800	
34	80.4	165.6	141,800	
36	79.6	165.2	126,300	
38	78.9	164.8	112,700	
40	78.2	164.3	100,800	
42	77.4	163.9	90,200	
44	76.7	163.4	80,800	
46	76.0	162.9	72,300	
48	75.2	162.3	64,700	
50	74.5	161.7	57,700	
55	72.6	160.2	42,900	
60	70.7	158.5	30,900	
65	68.8	156.5	20,900	
70	66.8	154.4	12,500	
75	64.9	152.1	5,400	

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



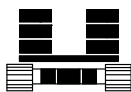
170.0 ft			
ft	°	ft	lb
28	83.0	176.6	170,100
30	82.3	176.4	165,500
32	81.6	176.0	159,400
34	80.9	175.7	141,600
36	80.3	175.4	126,100
38	79.6	175.0	112,700
40	78.9	174.6	100,800
42	78.2	174.1	90,300
44	77.5	173.7	81,000
46	76.8	173.2	72,500
48	76.1	172.7	64,900
50	75.4	172.1	58,000
55	73.7	170.7	43,300
60	71.9	169.1	31,300
65	70.1	167.3	21,300
70	68.3	165.3	13,000
75	66.4	163.1	5,900

180.0 ft			
ft	°	ft	lb
30	82.7	186.5	118,000
32	82.1	186.2	118,000
34	81.5	185.8	118,000
36	80.8	185.5	118,000
38	80.2	185.2	112,500
40	79.5	184.8	100,800
42	78.9	184.4	90,300
44	78.2	183.9	81,000
46	77.6	183.5	72,600
48	76.9	183.0	65,100
50	76.2	182.5	58,200
55	74.6	181.1	43,500
60	72.9	179.6	31,600
65	71.3	177.9	21,700
70	69.6	176.1	13,400
75	67.8	174.0	6,300

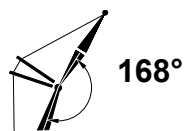
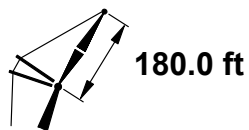
REFER TO MANUAL ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



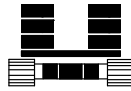
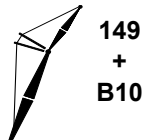
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	371,000
18	82.3	87.2	348,400
19	81.5	87.0	328,000
20	80.8	86.8	309,400
22	79.4	86.4	276,800
24	77.9	85.9	249,300
26	76.4	85.4	220,500
28	74.9	84.8	187,000
30	73.4	84.2	160,200
32	71.9	83.5	138,300
34	70.4	82.8	120,100
36	68.8	82.0	104,600
38	67.3	81.1	91,400
40	65.7	80.2	79,900
42	64.1	79.2	69,600
44	62.5	78.1	59,900
46	60.8	76.9	51,200
48	59.1	75.7	43,400
50	57.4	74.4	36,400
55	53.0	70.7	21,400
58	50.1	68.2	13,800

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	329,500
20	81.8	97.0	311,000
22	80.6	96.6	278,600
24	79.3	96.2	251,100
26	77.9	95.7	225,400
28	76.6	95.2	191,700
30	75.3	94.7	164,800
32	74.0	94.1	142,800
34	72.6	93.4	124,400
36	71.3	92.7	108,900
38	69.9	91.9	95,600
40	68.6	91.1	84,000
42	67.2	90.3	73,800
44	65.8	89.3	64,100
46	64.3	88.3	55,400
48	62.9	87.3	47,600
50	61.4	86.2	40,600
55	57.7	83.1	25,600
60	53.8	79.5	13,500
64	50.5	76.2	5,400

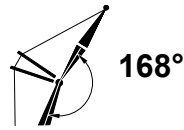
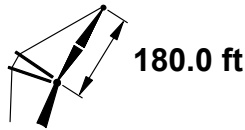
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	280,400
22	81.5	106.8	271,500
24	80.3	106.4	253,100
26	79.2	106.0	229,500
28	78.0	105.5	195,700
30	76.8	105.0	168,600
32	75.6	104.5	146,500
34	74.4	103.9	128,100
36	73.2	103.3	112,500
38	72.0	102.6	99,100
40	70.8	101.9	87,600
42	69.6	101.1	77,300
44	68.3	100.3	67,700
46	67.1	99.4	59,100
48	65.8	98.5	51,300
50	64.6	97.5	44,300
55	61.3	94.8	29,300
60	57.9	91.7	17,200
65	54.4	88.2	7,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	256,200
22	82.3	116.9	252,300
24	81.2	116.6	244,600
26	80.2	116.2	230,600
28	79.1	115.8	198,700
30	78.0	115.3	171,500
32	77.0	114.8	149,300
34	75.9	114.3	130,800
36	74.8	113.8	115,100
38	73.7	113.1	101,700
40	72.6	112.5	90,100
42	71.5	111.8	79,500
44	70.4	111.1	69,900
46	69.3	110.3	61,300
48	68.2	109.5	53,600
50	67.0	108.6	46,600
55	64.1	106.2	31,600
60	61.2	103.5	19,600
65	58.1	100.4	9,600

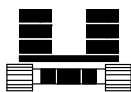
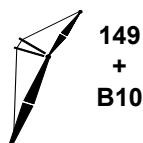
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	247,700
24	82.0	126.7	241,000
26	81.0	126.4	231,400
28	80.0	126.0	200,000
30	79.1	125.6	174,100
32	78.1	125.1	151,800
34	77.1	124.7	133,200
36	76.1	124.1	117,500
38	75.1	123.6	104,000
40	74.1	123.0	92,200
42	73.1	122.4	81,500
44	72.1	121.7	72,000
46	71.1	121.0	63,400
48	70.1	120.2	55,700
50	69.1	119.5	48,800
55	66.5	117.3	33,900
60	63.8	114.9	21,800
65	61.1	112.1	11,900

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	227,000
26	81.7	136.5	221,100
28	80.8	136.2	200,400
30	79.9	135.8	174,800
32	79.0	135.4	153,300
34	78.1	134.9	135,100
36	77.2	134.5	119,300
38	76.3	133.9	105,600
40	75.4	133.4	93,600
42	74.5	132.8	83,000
44	73.5	132.2	73,500
46	72.6	131.6	65,000
48	71.7	130.9	57,300
50	70.7	130.2	50,300
55	68.4	128.2	35,500
60	66.0	126.0	23,500
65	63.5	123.5	13,600
70	61.0	120.8	5,300

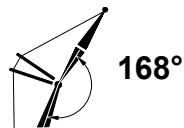
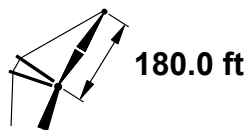


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



**140.0 ft**

	ft	°	ft	lb
25	82.7	146.8	218,200	
26	82.3	146.6	215,700	
28	81.5	146.3	200,500	
30	80.6	146.0	175,200	
32	79.8	145.6	153,900	
34	79.0	145.2	135,800	
36	78.1	144.7	120,200	
38	77.3	144.3	106,600	
40	76.5	143.8	94,600	
42	75.6	143.2	84,100	
44	74.8	142.7	74,600	
46	73.9	142.1	66,200	
48	73.0	141.4	58,500	
50	72.2	140.8	51,600	
55	70.0	139.0	36,900	
60	67.8	137.0	24,900	
65	65.6	134.7	15,000	
70	63.3	132.2	6,700	

**150.0 ft**

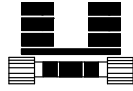
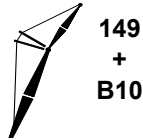
	ft	°	ft	lb
26	82.8	156.7	197,200	
28	82.0	156.4	191,200	
30	81.3	156.1	175,000	
32	80.5	155.8	153,900	
34	79.7	155.4	136,000	
36	78.9	155.0	120,500	
38	78.2	154.5	106,900	
40	77.4	154.1	95,100	
42	76.6	153.6	84,600	
44	75.8	153.0	75,200	
46	75.0	152.5	66,700	
48	74.2	151.9	59,100	
50	73.4	151.3	52,300	
55	71.4	149.6	37,500	
60	69.4	147.8	25,600	
65	67.3	145.7	15,700	
70	65.2	143.4	7,400	

**160.0 ft**

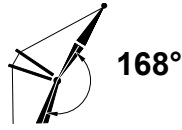
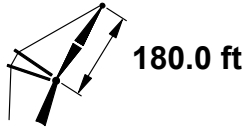
	ft	°	ft	lb
27	82.9	166.7	184,000	
28	82.5	166.5	181,200	
30	81.8	166.2	174,800	
32	81.1	165.9	153,900	
34	80.4	165.6	136,100	
36	79.6	165.2	120,700	
38	78.9	164.8	107,300	
40	78.2	164.3	95,500	
42	77.4	163.9	85,100	
44	76.7	163.4	75,700	
46	76.0	162.9	67,400	
48	75.2	162.3	59,800	
50	74.5	161.7	52,900	
55	72.6	160.2	38,300	
60	70.7	158.5	26,400	
65	68.8	156.5	16,500	
70	66.8	154.4	8,300	

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

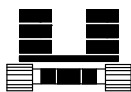
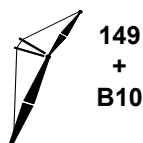


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	167,100
30	82.3	176.4	162,500
32	81.6	176.0	153,600
34	80.9	175.7	135,900
36	80.3	175.4	120,700
38	79.6	175.0	107,400
40	78.9	174.6	95,700
42	78.2	174.1	85,300
44	77.5	173.7	76,000
46	76.8	173.2	67,700
48	76.1	172.7	60,200
50	75.4	172.1	53,300
55	73.7	170.7	38,700
60	71.9	169.1	26,900
65	70.1	167.3	17,100
70	68.3	165.3	8,800

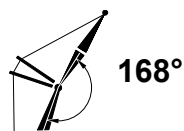
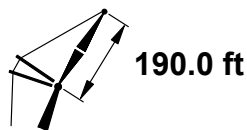
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



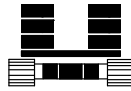
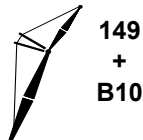
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	367,300
18	82.3	87.2	344,700
19	81.5	87.0	324,300
20	80.8	86.8	305,700
22	79.4	86.4	273,200
24	77.9	85.9	245,800
26	76.4	85.4	214,700
28	74.9	84.8	181,500
30	73.4	84.2	155,000
32	71.9	83.5	133,400
34	70.4	82.8	115,300
36	68.8	82.0	100,000
38	67.3	81.1	86,900
40	65.7	80.2	74,900
42	64.1	79.2	64,100
44	62.5	78.1	54,600
46	60.8	76.9	46,000
48	59.1	75.7	38,300
50	57.4	74.4	31,300
55	53.0	70.7	16,500
58	50.1	68.2	9,100

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	326,000
20	81.8	97.0	307,500
22	80.6	96.6	275,200
24	79.3	96.2	247,800
26	77.9	95.7	219,900
28	76.6	95.2	186,600
30	75.3	94.7	159,900
32	74.0	94.1	138,100
34	72.6	93.4	119,900
36	71.3	92.7	104,600
38	69.9	91.9	91,400
40	68.6	91.1	79,400
42	67.2	90.3	68,700
44	65.8	89.3	59,100
46	64.3	88.3	50,600
48	62.9	87.3	42,900
50	61.4	86.2	35,900
55	57.7	83.1	21,100
60	53.8	79.5	9,100

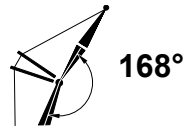
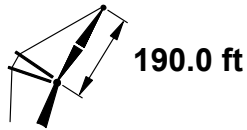
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	275,200
22	81.5	106.8	266,200
24	80.3	106.4	249,900
26	79.2	106.0	223,300
28	78.0	105.5	190,800
30	76.8	105.0	164,000
32	75.6	104.5	142,100
34	74.4	103.9	123,900
36	73.2	103.3	108,400
38	72.0	102.6	95,200
40	70.8	101.9	83,200
42	69.6	101.1	72,500
44	68.3	100.3	63,000
46	67.1	99.4	54,500
48	65.8	98.5	46,800
50	64.6	97.5	39,900
55	61.3	94.8	25,100
60	57.9	91.7	13,100

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



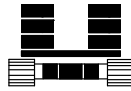
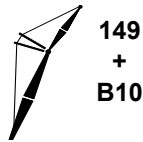
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	251,400
22	82.3	116.9	247,400
24	81.2	116.6	239,700
26	80.2	116.2	224,600
28	79.1	115.8	193,100
30	78.0	115.3	167,100
32	77.0	114.8	145,100
34	75.9	114.3	126,800
36	74.8	113.8	111,300
38	73.7	113.1	97,600
40	72.6	112.5	85,600
42	71.5	111.8	75,000
44	70.4	111.1	65,500
46	69.3	110.3	57,000
48	68.2	109.5	49,300
50	67.0	108.6	42,400
55	64.1	106.2	27,600
60	61.2	103.5	15,700
65	58.1	100.4	5,900

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	243,400
24	82.0	126.7	236,500
26	81.0	126.4	225,400
28	80.0	126.0	194,400
30	79.1	125.6	168,700
32	78.1	125.1	147,300
34	77.1	124.7	129,100
36	76.1	124.1	113,400
38	75.1	123.6	99,700
40	74.1	123.0	87,700
42	73.1	122.4	77,200
44	72.1	121.7	67,700
46	71.1	121.0	59,300
48	70.1	120.2	51,700
50	69.1	119.5	44,800
55	66.5	117.3	30,000
60	63.8	114.9	18,100
65	61.1	112.1	8,300

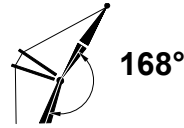
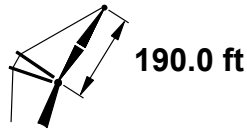
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	223,000
26	81.7	136.5	217,100
28	80.8	136.2	195,000
30	79.9	135.8	169,600
32	79.0	135.4	148,400
34	78.1	134.9	130,300
36	77.2	134.5	114,700
38	76.3	133.9	101,200
40	75.4	133.4	89,300
42	74.5	132.8	78,800
44	73.5	132.2	69,400
46	72.6	131.6	61,000
48	71.7	130.9	53,400
50	70.7	130.2	46,500
55	68.4	128.2	31,900
60	66.0	126.0	20,000
65	63.5	123.5	10,200

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ASME B30.5



184,600 lb  
+  
44,000 lb



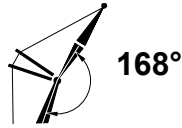
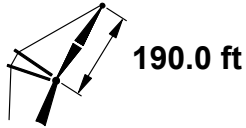
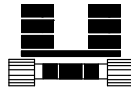
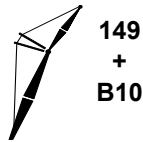
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	214,500
26	82.3	146.6	211,900
28	81.5	146.3	195,200
30	80.6	146.0	170,100
32	79.8	145.6	149,100
34	79.0	145.2	131,200
36	78.1	144.7	115,700
38	77.3	144.3	102,300
40	76.5	143.8	90,500
42	75.6	143.2	80,000
44	74.8	142.7	70,700
46	73.9	142.1	62,300
48	73.0	141.4	54,800
50	72.2	140.8	47,900
55	70.0	139.0	33,300
60	67.8	137.0	21,500
65	65.6	134.7	11,700

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	193,900
28	82.0	156.4	188,600
30	81.3	156.1	170,200
32	80.5	155.8	149,300
34	79.7	155.4	131,500
36	78.9	155.0	116,200
38	78.2	154.5	102,800
40	77.4	154.1	91,000
42	76.6	153.6	80,600
44	75.8	153.0	71,400
46	75.0	152.5	63,000
48	74.2	151.9	55,500
50	73.4	151.3	48,700
55	71.4	149.6	34,100
60	69.4	147.8	22,300
65	67.3	145.7	12,600

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	181,400
28	82.5	166.5	178,500
30	81.8	166.2	170,000
32	81.1	165.9	149,400
34	80.4	165.6	131,700
36	79.6	165.2	116,500
38	78.9	164.8	103,300
40	78.2	164.3	91,600
42	77.4	163.9	81,300
44	76.7	163.4	72,000
46	76.0	162.9	63,700
48	75.2	162.3	56,300
50	74.5	161.7	49,500
55	72.6	160.2	35,000
60	70.7	158.5	23,200
65	68.8	156.5	13,500
70	66.8	154.4	5,300

# MLC250 S-2

ASME B30.5

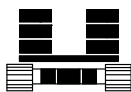


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	164,500
30	82.3	176.4	159,900
32	81.6	176.0	149,200
34	80.9	175.7	131,700
36	80.3	175.4	116,600
38	79.6	175.0	103,400
40	78.9	174.6	91,900
42	78.2	174.1	81,600
44	77.5	173.7	72,400
46	76.8	173.2	64,200
48	76.1	172.7	56,700
50	75.4	172.1	50,000
55	73.7	170.7	35,500
60	71.9	169.1	23,800
65	70.1	167.3	14,100
70	68.3	165.3	6,000

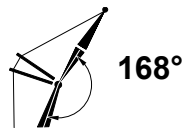
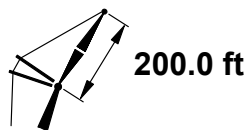
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



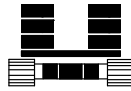
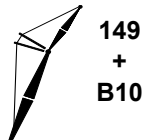
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	362,100
18	82.3	87.2	339,600
19	81.5	87.0	319,200
20	80.8	86.8	300,700
22	79.4	86.4	268,300
24	77.9	85.9	240,900
26	76.4	85.4	207,100
28	74.9	84.8	174,400
30	73.4	84.2	148,200
32	71.9	83.5	126,800
34	70.4	82.8	109,000
36	68.8	82.0	93,200
38	67.3	81.1	79,400
40	65.7	80.2	67,400
42	64.1	79.2	56,700
44	62.5	78.1	47,300
46	60.8	76.9	38,900
48	59.1	75.7	31,300
50	57.4	74.4	24,400
55	53.0	70.7	9,800

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	321,100
20	81.8	97.0	302,700
22	80.6	96.6	270,500
24	79.3	96.2	243,200
26	77.9	95.7	211,800
28	76.6	95.2	179,800
30	75.3	94.7	153,500
32	74.0	94.1	131,900
34	72.6	93.4	113,900
36	71.3	92.7	98,000
38	69.9	91.9	84,300
40	68.6	91.1	72,300
42	67.2	90.3	61,700
44	65.8	89.3	52,300
46	64.3	88.3	43,800
48	62.9	87.3	36,300
50	61.4	86.2	29,400
55	57.7	83.1	14,800

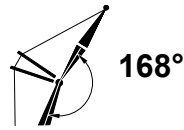
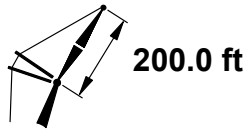
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	269,000
22	81.5	106.8	259,800
24	80.3	106.4	245,400
26	79.2	106.0	214,800
28	78.0	105.5	183,400
30	76.8	105.0	157,600
32	75.6	104.5	136,000
34	74.4	103.9	117,800
36	73.2	103.3	102,000
38	72.0	102.6	88,400
40	70.8	101.9	76,500
42	69.6	101.1	65,900
44	68.3	100.3	56,500
46	67.1	99.4	48,100
48	65.8	98.5	40,500
50	64.6	97.5	33,700
55	61.3	94.8	19,100
60	57.9	91.7	7,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	245,700
22	82.3	116.9	241,700
24	81.2	116.6	233,800
26	80.2	116.2	216,400
28	79.1	115.8	185,300
30	78.0	115.3	159,800
32	77.0	114.8	138,400
34	75.9	114.3	120,200
36	74.8	113.8	104,600
38	73.7	113.1	91,000
40	72.6	112.5	79,200
42	71.5	111.8	68,600
44	70.4	111.1	59,300
46	69.3	110.3	50,900
48	68.2	109.5	43,300
50	67.0	108.6	36,500
55	64.1	106.2	21,900
60	61.2	103.5	10,200

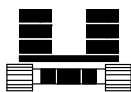
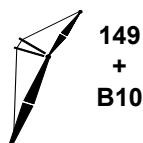
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	238,100
24	82.0	126.7	231,200
26	81.0	126.4	217,500
28	80.0	126.0	186,800
30	79.1	125.6	161,500
32	78.1	125.1	140,300
34	77.1	124.7	122,300
36	76.1	124.1	106,800
38	75.1	123.6	93,400
40	74.1	123.0	81,500
42	73.1	122.4	71,100
44	72.1	121.7	61,800
46	71.1	121.0	53,400
48	70.1	120.2	45,900
50	69.1	119.5	39,100
55	66.5	117.3	24,600
60	63.8	114.9	12,800

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	218,100
26	81.7	136.5	212,200
28	80.8	136.2	187,700
30	79.9	135.8	162,700
32	79.0	135.4	141,700
34	78.1	134.9	123,800
36	77.2	134.5	108,400
38	76.3	133.9	95,000
40	75.4	133.4	83,300
42	74.5	132.8	72,900
44	73.5	132.2	63,600
46	72.6	131.6	55,300
48	71.7	130.9	47,800
50	70.7	130.2	41,100
55	68.4	128.2	26,600
60	66.0	126.0	14,900
65	63.5	123.5	5,200

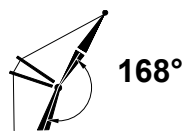
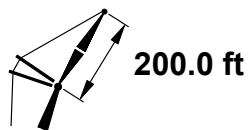


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft

	ft	°	ft	lb
25	82.7	146.8	209,900	
26	82.3	146.6	207,300	
28	81.5	146.3	188,100	
30	80.6	146.0	163,400	
32	79.8	145.6	142,600	
34	79.0	145.2	124,900	
36	78.1	144.7	109,600	
38	77.3	144.3	96,300	
40	76.5	143.8	84,700	
42	75.6	143.2	74,300	
44	74.8	142.7	65,100	
46	73.9	142.1	56,900	
48	73.0	141.4	49,400	
50	72.2	140.8	42,700	
55	70.0	139.0	28,200	
60	67.8	137.0	16,600	
65	65.6	134.7	6,900	

150.0 ft

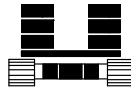
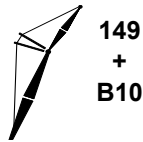
	ft	°	ft	lb
26	82.8	156.7	189,700	
28	82.0	156.4	185,200	
30	81.3	156.1	163,600	
32	80.5	155.8	142,900	
34	79.7	155.4	125,400	
36	78.9	155.0	110,200	
38	78.2	154.5	97,000	
40	77.4	154.1	85,400	
42	76.6	153.6	75,100	
44	75.8	153.0	65,900	
46	75.0	152.5	57,700	
48	74.2	151.9	50,300	
50	73.4	151.3	43,600	
55	71.4	149.6	29,200	
60	69.4	147.8	17,500	
65	67.3	145.7	7,900	

160.0 ft

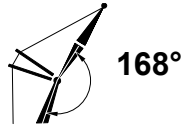
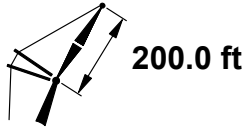
	ft	°	ft	lb
27	82.9	166.7	178,100	
28	82.5	166.5	175,200	
30	81.8	166.2	163,600	
32	81.1	165.9	143,200	
34	80.4	165.6	125,700	
36	79.6	165.2	110,700	
38	78.9	164.8	97,600	
40	78.2	164.3	86,100	
42	77.4	163.9	75,900	
44	76.7	163.4	66,800	
46	76.0	162.9	58,600	
48	75.2	162.3	51,200	
50	74.5	161.7	44,500	
55	72.6	160.2	30,200	
60	70.7	158.5	18,600	
65	68.8	156.5	8,900	

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

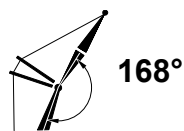
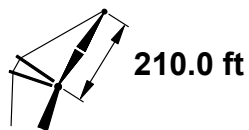
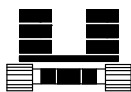
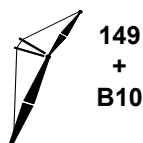


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	161,300
30	82.3	176.4	156,700
32	81.6	176.0	143,100
34	80.9	175.7	125,800
36	80.3	175.4	110,900
38	79.6	175.0	97,900
40	78.9	174.6	86,500
42	78.2	174.1	76,300
44	77.5	173.7	67,300
46	76.8	173.2	59,100
48	76.1	172.7	51,800
50	75.4	172.1	45,100
55	73.7	170.7	30,800
60	71.9	169.1	19,300
65	70.1	167.3	9,700

REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



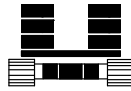
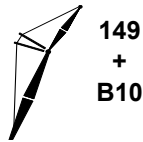
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	357,300
18	82.3	87.2	334,900
19	81.5	87.0	314,600
20	80.8	86.8	296,100
22	79.4	86.4	263,800
24	77.9	85.9	236,500
26	76.4	85.4	198,800
28	74.9	84.8	167,200
30	73.4	84.2	141,300
32	71.9	83.5	119,700
34	70.4	82.8	101,500
36	68.8	82.0	85,800
38	67.3	81.1	72,200
40	65.7	80.2	60,300
42	64.1	79.2	49,900
44	62.5	78.1	40,600
46	60.8	76.9	32,200
48	59.1	75.7	24,800
50	57.4	74.4	18,000

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	316,600
20	81.8	97.0	298,300
22	80.6	96.6	266,100
24	79.3	96.2	238,900
26	77.9	95.7	203,400
28	76.6	95.2	172,100
30	75.3	94.7	146,400
32	74.0	94.1	124,900
34	72.6	93.4	106,700
36	71.3	92.7	91,100
38	69.9	91.9	77,600
40	68.6	91.1	65,700
42	67.2	90.3	55,300
44	65.8	89.3	46,000
46	64.3	88.3	37,600
48	62.9	87.3	30,200
50	61.4	86.2	23,400
55	57.7	83.1	9,000

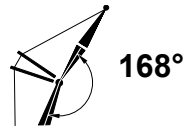
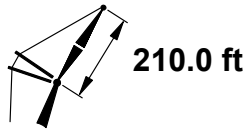
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	263,900
22	81.5	106.8	254,600
24	80.3	106.4	241,300
26	79.2	106.0	206,700
28	78.0	105.5	175,700
30	76.8	105.0	150,300
32	75.6	104.5	129,000
34	74.4	103.9	111,000
36	73.2	103.3	95,500
38	72.0	102.6	82,000
40	70.8	101.9	70,200
42	69.6	101.1	59,800
44	68.3	100.3	50,600
46	67.1	99.4	42,300
48	65.8	98.5	34,800
50	64.6	97.5	28,000
55	61.3	94.8	13,700

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



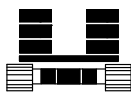
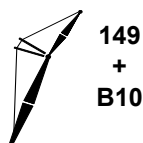
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	241,100
22	82.3	116.9	237,000
24	81.2	116.6	229,000
26	80.2	116.2	208,700
28	79.1	115.8	178,000
30	78.0	115.3	152,800
32	77.0	114.8	131,700
34	75.9	114.3	113,700
36	74.8	113.8	98,300
38	73.7	113.1	84,900
40	72.6	112.5	73,200
42	71.5	111.8	62,800
44	70.4	111.1	53,600
46	69.3	110.3	45,300
48	68.2	109.5	37,900
50	67.0	108.6	31,100
55	64.1	106.2	16,700
60	61.2	103.5	5,100

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	233,900
24	82.0	126.7	226,900
26	81.0	126.4	210,100
28	80.0	126.0	179,800
30	79.1	125.6	154,800
32	78.1	125.1	133,900
34	77.1	124.7	116,100
36	76.1	124.1	100,800
38	75.1	123.6	87,500
40	74.1	123.0	75,800
42	73.1	122.4	65,500
44	72.1	121.7	56,300
46	71.1	121.0	48,100
48	70.1	120.2	40,700
50	69.1	119.5	33,900
55	66.5	117.3	19,600
60	63.8	114.9	8,000

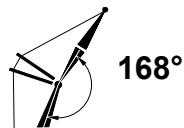
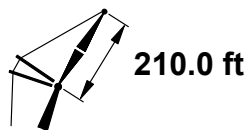
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	214,200
26	81.7	136.5	208,200
28	80.8	136.2	180,900
30	79.9	135.8	156,200
32	79.0	135.4	135,400
34	78.1	134.9	117,800
36	77.2	134.5	102,600
38	76.3	133.9	89,400
40	75.4	133.4	77,800
42	74.5	132.8	67,500
44	73.5	132.2	58,400
46	72.6	131.6	50,200
48	71.7	130.9	42,800
50	70.7	130.2	36,100
55	68.4	128.2	21,800
60	66.0	126.0	10,300

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft

	ft	o	ft	lb
25	82.7	146.8	206,300	
26	82.3	146.6	203,700	
28	81.5	146.3	181,500	
30	80.6	146.0	157,100	
32	79.8	145.6	136,500	
34	79.0	145.2	119,000	
36	78.1	144.7	104,000	
38	77.3	144.3	90,900	
40	76.5	143.8	79,300	
42	75.6	143.2	69,100	
44	74.8	142.7	60,000	
46	73.9	142.1	51,900	
48	73.0	141.4	44,500	
50	72.2	140.8	37,900	
55	70.0	139.0	23,600	
60	67.8	137.0	12,100	

150.0 ft

	ft	o	ft	lb
26	82.8	156.7	186,400	
28	82.0	156.4	181,600	
30	81.3	156.1	157,400	
32	80.5	155.8	137,100	
34	79.7	155.4	119,700	
36	78.9	155.0	104,700	
38	78.2	154.5	91,700	
40	77.4	154.1	80,200	
42	76.6	153.6	70,100	
44	75.8	153.0	61,000	
46	75.0	152.5	52,900	
48	74.2	151.9	45,600	
50	73.4	151.3	38,900	
55	71.4	149.6	24,700	
60	69.4	147.8	13,200	

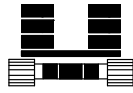
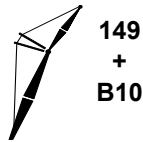
160.0 ft

	ft	o	ft	lb
27	82.9	166.7	175,500	
28	82.5	166.5	172,700	
30	81.8	166.2	157,600	
32	81.1	165.9	137,400	
34	80.4	165.6	120,200	
36	79.6	165.2	105,400	
38	78.9	164.8	92,400	
40	78.2	164.3	81,100	
42	77.4	163.9	71,000	
44	76.7	163.4	62,000	
46	76.0	162.9	53,900	
48	75.2	162.3	46,600	
50	74.5	161.7	40,000	
55	72.6	160.2	25,900	
60	70.7	158.5	14,400	

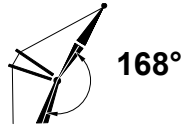
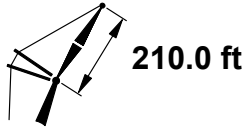
REFER TO

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

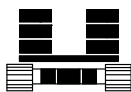


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	158,800
30	82.3	176.4	154,200
32	81.6	176.0	137,500
34	80.9	175.7	120,400
36	80.3	175.4	105,700
38	79.6	175.0	92,900
40	78.9	174.6	81,600
42	78.2	174.1	71,500
44	77.5	173.7	62,600
46	76.8	173.2	54,600
48	76.1	172.7	47,300
50	75.4	172.1	40,700
55	73.7	170.7	26,600
60	71.9	169.1	15,200
65	70.1	167.3	5,800

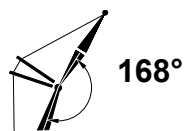
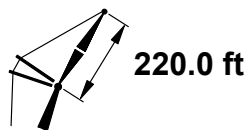
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



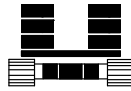
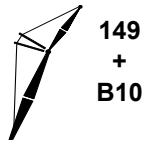
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	351,900
18	82.3	87.2	329,500
19	81.5	87.0	309,300
20	80.8	86.8	290,800
22	79.4	86.4	258,600
24	77.9	85.9	227,700
26	76.4	85.4	188,900
28	74.9	84.8	157,700
30	73.4	84.2	132,200
32	71.9	83.5	110,900
34	70.4	82.8	92,900
36	68.8	82.0	77,400
38	67.3	81.1	64,100
40	65.7	80.2	52,400
42	64.1	79.2	42,000
44	62.5	78.1	32,900
46	60.8	76.9	24,700
48	59.1	75.7	17,300
50	57.4	74.4	10,700

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	311,500
20	81.8	97.0	293,200
22	80.6	96.6	261,200
24	79.3	96.2	232,400
26	77.9	95.7	193,900
28	76.6	95.2	163,000
30	75.3	94.7	137,700
32	74.0	94.1	116,600
34	72.6	93.4	98,600
36	71.3	92.7	83,200
38	69.9	91.9	69,900
40	68.6	91.1	58,200
42	67.2	90.3	47,900
44	65.8	89.3	38,800
46	64.3	88.3	30,600
48	62.9	87.3	23,200
50	61.4	86.2	16,500

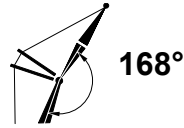
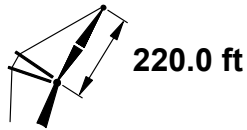
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	257,300
22	81.5	106.8	247,900
24	80.3	106.4	235,700
26	79.2	106.0	197,700
28	78.0	105.5	167,200
30	76.8	105.0	142,100
32	75.6	104.5	121,100
34	74.4	103.9	103,300
36	73.2	103.3	88,000
38	72.0	102.6	74,700
40	70.8	101.9	63,100
42	69.6	101.1	52,800
44	68.3	100.3	43,700
46	67.1	99.4	35,500
48	65.8	98.5	28,200
50	64.6	97.5	21,500
55	61.3	94.8	7,400

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	235,100
22	82.3	116.9	230,900
24	81.2	116.6	222,800
26	80.2	116.2	200,100
28	79.1	115.8	169,800
30	78.0	115.3	144,900
32	77.0	114.8	124,100
34	75.9	114.3	106,400
36	74.8	113.8	91,200
38	73.7	113.1	78,000
40	72.6	112.5	66,400
42	71.5	111.8	56,200
44	70.4	111.1	47,100
46	69.3	110.3	38,900
48	68.2	109.5	31,600
50	67.0	108.6	24,900
55	64.1	106.2	10,700

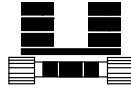
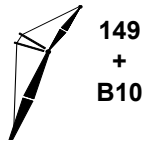
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	228,300
24	82.0	126.7	221,300
26	81.0	126.4	201,700
28	80.0	126.0	171,800
30	79.1	125.6	147,200
32	78.1	125.1	126,600
34	77.1	124.7	109,000
36	76.1	124.1	93,900
38	75.1	123.6	80,800
40	74.1	123.0	69,300
42	73.1	122.4	59,100
44	72.1	121.7	50,100
46	71.1	121.0	41,900
48	70.1	120.2	34,600
50	69.1	119.5	28,000
55	66.5	117.3	13,900

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	209,100
26	81.7	136.5	202,700
28	80.8	136.2	173,200
30	79.9	135.8	148,800
32	79.0	135.4	128,300
34	78.1	134.9	110,900
36	77.2	134.5	95,900
38	76.3	133.9	82,900
40	75.4	133.4	71,500
42	74.5	132.8	61,400
44	73.5	132.2	52,300
46	72.6	131.6	44,300
48	71.7	130.9	37,000
50	70.7	130.2	30,400
55	68.4	128.2	16,300

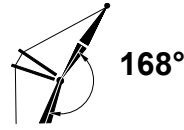
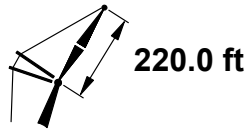


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft			
ft	o	ft	lb
25	82.7	146.8	201,400
26	82.3	146.6	198,800
28	81.5	146.3	174,000
30	80.6	146.0	149,900
32	79.8	145.6	129,600
34	79.0	145.2	112,400
36	78.1	144.7	97,500
38	77.3	144.3	84,600
40	76.5	143.8	73,200
42	75.6	143.2	63,200
44	74.8	142.7	54,200
46	73.9	142.1	46,100
48	73.0	141.4	38,900
50	72.2	140.8	32,300
55	70.0	139.0	18,300
60	67.8	137.0	6,900

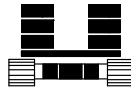
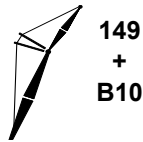
150.0 ft			
ft	o	ft	lb
26	82.8	156.7	181,900
28	82.0	156.4	174,300
30	81.3	156.1	150,400
32	80.5	155.8	130,300
34	79.7	155.4	113,200
36	78.9	155.0	98,400
38	78.2	154.5	85,600
40	77.4	154.1	74,300
42	76.6	153.6	64,300
44	75.8	153.0	55,300
46	75.0	152.5	47,300
48	74.2	151.9	40,100
50	73.4	151.3	33,500
55	71.4	149.6	19,500
60	69.4	147.8	8,200

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	172,000
28	82.5	166.5	169,200
30	81.8	166.2	150,800
32	81.1	165.9	130,900
34	80.4	165.6	113,900
36	79.6	165.2	99,200
38	78.9	164.8	86,500
40	78.2	164.3	75,200
42	77.4	163.9	65,300
44	76.7	163.4	56,400
46	76.0	162.9	48,500
48	75.2	162.3	41,300
50	74.5	161.7	34,700
55	72.6	160.2	20,800
60	70.7	158.5	9,500

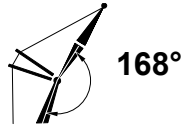
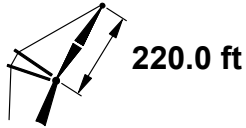
REFER TO

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

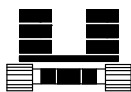
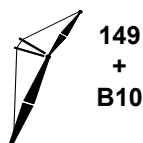


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	155,400
30	82.3	176.4	150,800
32	81.6	176.0	131,100
34	80.9	175.7	114,300
36	80.3	175.4	99,700
38	79.6	175.0	87,000
40	78.9	174.6	75,900
42	78.2	174.1	66,000
44	77.5	173.7	57,200
46	76.8	173.2	49,200
48	76.1	172.7	42,100
50	75.4	172.1	35,600
55	73.7	170.7	21,700
60	71.9	169.1	10,400

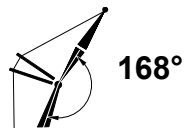
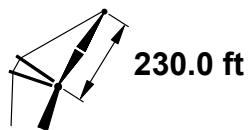
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



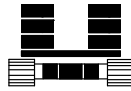
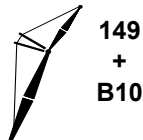
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	346,000
18	82.3	87.2	324,800
19	81.5	87.0	304,700
20	80.8	86.8	286,300
22	79.4	86.4	254,200
24	77.9	85.9	218,300
26	76.4	85.4	180,000
28	74.9	84.8	149,300
30	73.4	84.2	124,100
32	71.9	83.5	103,200
34	70.4	82.8	85,500
36	68.8	82.0	70,300
38	67.3	81.1	57,100
40	65.7	80.2	45,600
42	64.1	79.2	35,400
44	62.5	78.1	26,400
46	60.8	76.9	18,300
48	59.1	75.7	11,100

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	307,100
20	81.8	97.0	288,900
22	80.6	96.6	256,900
24	79.3	96.2	223,500
26	77.9	95.7	185,500
28	76.6	95.2	155,100
30	75.3	94.7	130,100
32	74.0	94.1	109,300
34	72.6	93.4	91,600
36	71.3	92.7	76,500
38	69.9	91.9	63,300
40	68.6	91.1	51,800
42	67.2	90.3	41,700
44	65.8	89.3	32,700
46	64.3	88.3	24,600
48	62.9	87.3	17,400
50	61.4	86.2	10,800

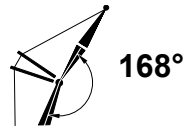
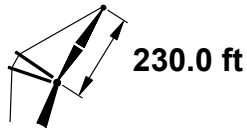
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	251,100
22	81.5	106.8	241,600
24	80.3	106.4	227,200
26	79.2	106.0	189,700
28	78.0	105.5	159,600
30	76.8	105.0	134,900
32	75.6	104.5	114,200
34	74.4	103.9	96,600
36	73.2	103.3	81,600
38	72.0	102.6	68,500
40	70.8	101.9	57,100
42	69.6	101.1	47,000
44	68.3	100.3	38,000
46	67.1	99.4	29,900
48	65.8	98.5	22,700
50	64.6	97.5	16,100

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



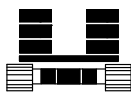
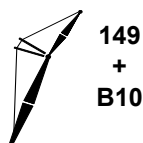
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	229,400
22	82.3	116.9	225,100
24	81.2	116.6	217,000
26	80.2	116.2	192,400
28	79.1	115.8	162,500
30	78.0	115.3	138,000
32	77.0	114.8	117,500
34	75.9	114.3	100,000
36	74.8	113.8	85,100
38	73.7	113.1	72,100
40	72.6	112.5	60,700
42	71.5	111.8	50,600
44	70.4	111.1	41,600
46	69.3	110.3	33,600
48	68.2	109.5	26,300
50	67.0	108.6	19,800
55	64.1	106.2	5,800

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	223,200
24	82.0	126.7	215,900
26	81.0	126.4	194,300
28	80.0	126.0	164,900
30	79.1	125.6	140,600
32	78.1	125.1	120,200
34	77.1	124.7	102,900
36	76.1	124.1	88,100
38	75.1	123.6	75,100
40	74.1	123.0	63,800
42	73.1	122.4	53,800
44	72.1	121.7	44,800
46	71.1	121.0	36,800
48	70.1	120.2	29,600
50	69.1	119.5	23,100
55	66.5	117.3	9,200

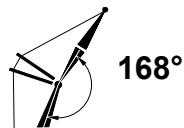
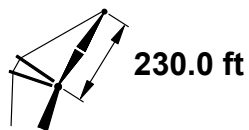
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	204,300
26	81.7	136.5	195,600
28	80.8	136.2	166,400
30	79.9	135.8	142,400
32	79.0	135.4	122,200
34	78.1	134.9	105,100
36	77.2	134.5	90,300
38	76.3	133.9	77,500
40	75.4	133.4	66,200
42	74.5	132.8	56,200
44	73.5	132.2	47,300
46	72.6	131.6	39,400
48	71.7	130.9	32,200
50	70.7	130.2	25,700
55	68.4	128.2	11,800

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft			
ft	°	ft	lb
25	82.7	146.8	196,900
26	82.3	146.6	194,300
28	81.5	146.3	167,500
30	80.6	146.0	143,700
32	79.8	145.6	123,700
34	79.0	145.2	106,700
36	78.1	144.7	92,100
38	77.3	144.3	79,300
40	76.5	143.8	68,100
42	75.6	143.2	58,200
44	74.8	142.7	49,300
46	73.9	142.1	41,400
48	73.0	141.4	34,300
50	72.2	140.8	27,800
55	70.0	139.0	14,000

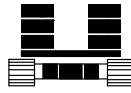
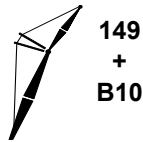
150.0 ft			
ft	°	ft	lb
26	82.8	156.7	177,800
28	82.0	156.4	168,000
30	81.3	156.1	144,400
32	80.5	155.8	124,600
34	79.7	155.4	107,700
36	78.9	155.0	93,100
38	78.2	154.5	80,500
40	77.4	154.1	69,300
42	76.6	153.6	59,400
44	75.8	153.0	50,600
46	75.0	152.5	42,700
48	74.2	151.9	35,600
50	73.4	151.3	29,200
55	71.4	149.6	15,400

160.0 ft			
ft	°	ft	lb
27	82.9	166.7	168,800
28	82.5	166.5	165,900
30	81.8	166.2	144,900
32	81.1	165.9	125,300
34	80.4	165.6	108,500
36	79.6	165.2	94,100
38	78.9	164.8	81,500
40	78.2	164.3	70,400
42	77.4	163.9	60,600
44	76.7	163.4	51,900
46	76.0	162.9	44,000
48	75.2	162.3	36,900
50	74.5	161.7	30,500
55	72.6	160.2	16,800
60	70.7	158.5	5,600

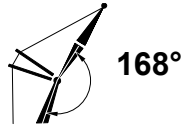
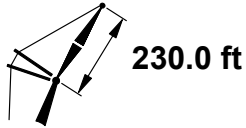
REFER TO MANITOWOC WEBSITE FOR MORE INFORMATION

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb

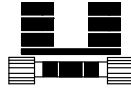
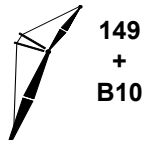


 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	152,200
30	82.3	176.4	145,000
32	81.6	176.0	125,600
34	80.9	175.7	109,000
36	80.3	175.4	94,700
38	79.6	175.0	82,200
40	78.9	174.6	71,200
42	78.2	174.1	61,400
44	77.5	173.7	52,700
46	76.8	173.2	44,900
48	76.1	172.7	37,900
50	75.4	172.1	31,500
55	73.7	170.7	17,800
60	71.9	169.1	6,700

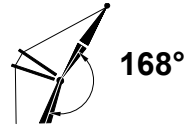
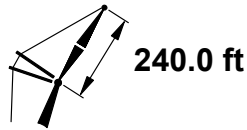
REFERENCE ONLY!

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



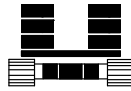
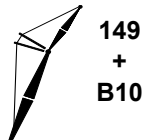
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	338,100
18	82.3	87.2	319,300
19	81.5	87.0	299,100
20	80.8	86.8	280,800
22	79.4	86.4	248,800
24	77.9	85.9	207,300
26	76.4	85.4	169,600
28	74.9	84.8	139,400
30	73.4	84.2	114,600
32	71.9	83.5	94,000
34	70.4	82.8	76,500
36	68.8	82.0	61,600
38	67.3	81.1	48,600
40	65.7	80.2	37,300
42	64.1	79.2	27,300
44	62.5	78.1	18,400
46	60.8	76.9	10,500

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	301,800
20	81.8	97.0	283,600
22	80.6	96.6	251,800
24	79.3	96.2	213,100
26	77.9	95.7	175,700
28	76.6	95.2	145,700
30	75.3	94.7	121,100
32	74.0	94.1	100,600
34	72.6	93.4	83,200
36	71.3	92.7	68,300
38	69.9	91.9	55,400
40	68.6	91.1	44,000
42	67.2	90.3	34,100
44	65.8	89.3	25,200
46	64.3	88.3	17,200
48	62.9	87.3	10,100

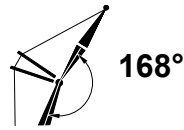
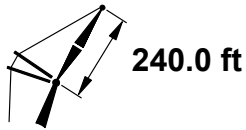
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	244,300
22	81.5	106.8	234,500
24	80.3	106.4	217,200
26	79.2	106.0	180,300
28	78.0	105.5	150,700
30	76.8	105.0	126,300
32	75.6	104.5	105,900
34	74.4	103.9	88,600
36	73.2	103.3	73,800
38	72.0	102.6	60,900
40	70.8	101.9	49,700
42	69.6	101.1	39,700
44	68.3	100.3	30,900
46	67.1	99.4	22,900
48	65.8	98.5	15,800
50	64.6	97.5	9,400

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	223,000
22	82.3	116.9	218,700
24	81.2	116.6	210,400
26	80.2	116.2	183,400
28	79.1	115.8	154,000
30	78.0	115.3	129,800
32	77.0	114.8	109,600
34	75.9	114.3	92,400
36	74.8	113.8	77,600
38	73.7	113.1	64,800
40	72.6	112.5	53,600
42	71.5	111.8	43,700
44	70.4	111.1	34,800
46	69.3	110.3	26,900
48	68.2	109.5	19,800
50	67.0	108.6	13,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	217,300
24	82.0	126.7	210,000
26	81.0	126.4	185,700
28	80.0	126.0	156,600
30	79.1	125.6	132,700
32	78.1	125.1	112,600
34	77.1	124.7	95,600
36	76.1	124.1	80,900
38	75.1	123.6	68,200
40	74.1	123.0	57,000
42	73.1	122.4	47,100
44	72.1	121.7	38,300
46	71.1	121.0	30,400
48	70.1	120.2	23,300
50	69.1	119.5	16,900

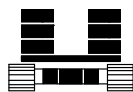
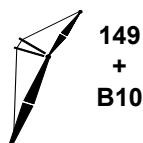
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	198,900
26	81.7	136.5	187,200
28	80.8	136.2	158,400
30	79.9	135.8	134,700
32	79.0	135.4	114,800
34	78.1	134.9	97,900
36	77.2	134.5	83,400
38	76.3	133.9	70,700
40	75.4	133.4	59,600
42	74.5	132.8	49,800
44	73.5	132.2	41,000
46	72.6	131.6	33,200
48	71.7	130.9	26,100
50	70.7	130.2	19,700
55	68.4	128.2	6,100

REFER TO SPECIFICATIONS

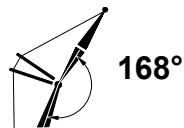
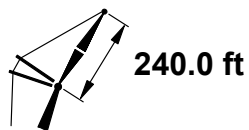


# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



140.0 ft			
ft	°	ft	lb
25	82.7	146.8	191,800
26	82.3	146.6	188,100
28	81.5	146.3	159,700
30	80.6	146.0	136,200
32	79.8	145.6	116,600
34	79.0	145.2	99,800
36	78.1	144.7	85,400
38	77.3	144.3	72,800
40	76.5	143.8	61,700
42	75.6	143.2	52,000
44	74.8	142.7	43,300
46	73.9	142.1	35,500
48	73.0	141.4	28,400
50	72.2	140.8	22,000
55	70.0	139.0	8,400

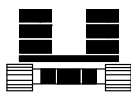
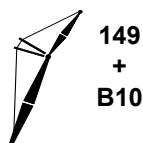
150.0 ft			
ft	°	ft	lb
26	82.8	156.7	173,100
28	82.0	156.4	160,400
30	81.3	156.1	137,200
32	80.5	155.8	117,600
34	79.7	155.4	101,000
36	78.9	155.0	86,600
38	78.2	154.5	74,100
40	77.4	154.1	63,100
42	76.6	153.6	53,400
44	75.8	153.0	44,700
46	75.0	152.5	37,000
48	74.2	151.9	29,900
50	73.4	151.3	23,600
55	71.4	149.6	10,000

160.0 ft			
ft	°	ft	lb
27	82.9	166.7	165,100
28	82.5	166.5	160,800
30	81.8	166.2	137,800
32	81.1	165.9	118,500
34	80.4	165.6	102,000
36	79.6	165.2	87,700
38	78.9	164.8	75,300
40	78.2	164.3	64,400
42	77.4	163.9	54,700
44	76.7	163.4	46,100
46	76.0	162.9	38,400
48	75.2	162.3	31,400
50	74.5	161.7	25,000
55	72.6	160.2	11,500

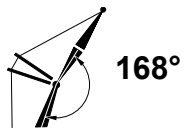
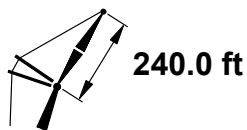
REFER TO MANITOWOC WEBSITE FOR MORE INFORMATION

# MLC250 S-2

ASME B30.5



184,600 lb  
+  
44,000 lb



 170.0 ft			
ft	°	ft	lb
28	83.0	176.6	118,000
30	82.3	176.4	118,000
32	81.6	176.0	118,000
34	80.9	175.7	102,600
36	80.3	175.4	88,500
38	79.6	175.0	76,200
40	78.9	174.6	65,300
42	78.2	174.1	55,700
44	77.5	173.7	47,100
46	76.8	173.2	39,400
48	76.1	172.7	32,500
50	75.4	172.1	26,200
55	73.7	170.7	12,700

REFERENCE ONLY!