

Liftcrane Boom Capacities With Luffing Jib Attached

Boom No. B60:500

Luffing Jib No. LJ10:501

with Mast No. M10:503 or Mast No. M11:503

386,000 lb VPC (Variable Position Counterweight)

360 Degree Rating

**MLC300
VPC-MAX
SERIES 2**

 **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 main boom load. Weight of luffing jib and 11,000 lb suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. During operation, luffing jib must be maintained at proper boom-to-luffing jib angle shown in table. Refer to Luffing Jib Rigging **No. 81023384**, Mast Rigging **No. 81025690** or **No. 84045340**, Wire Rope Specification chart **No. 9568-A**, Counterweight Arrangement chart **No. 9345-A**, Luffing Jib Raising Procedure chart **No. 9502-A**, and Wind Conditions chart **No. 9501-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 Specification chart **No. 9500-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.

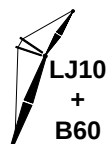
MACHINE EQUIPMENT: Machine equipped with VPC-MAX, 31 ft 10 in. crawlers, 48 in. or 60 in. treads, 30 ft live mast, 98.4 ft mast, 10 part boom hoist reeving, boom support straps, 14 part luffing jib hoist reeving, luffing jib and backstay support straps, and 386,000 lb VPC.

Select counterweight position from Luffing Jib Raising Procedure chart **No. 9502-A** that will allow raising and lowering of boom and luffing jib length. Counterweight position selection may be changed with luffing jib on ground or while luffing jib is within operating range of capacity chart.

Consult Chart **No. 9498-A** for luffing jib capacities.

Luffing Jib Position During Operation	
	
Luffing Jib Length Feet	Boom-to-Luffing Jib Angle Degrees
78.7 - 98.4	140
118.1 - 157.5	155
177.2 - 315.0	169

Explanation of Symbols



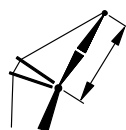
Luffing Jib No. LJ10:501
+
Boom No. B60:500



VPC (Variable Position Counterweight)



360 Degree Rating



Luffing Jib Length



Boom-to-Luffing Jib Angle



Boom Length

Explanation of Symbols
(continued)



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



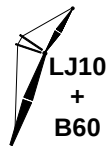
Counterweight Position
from Axis of Rotation



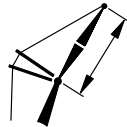
Lifting Capacities
(see page 1)

MLC300 VPC-MAX S-2

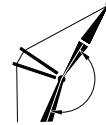
ASME B30.5



386,000 lb



78.7 ft



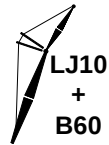
140°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	588,100	588,100
24	83.6	143.7	588,100	588,100
26	82.7	143.4	588,100	588,100
28	81.9	143.1	588,100	588,100
30	81.0	142.7	588,100	588,100
32	80.2	142.3	588,100	588,100
34	79.3	141.9	577,900	577,900
36	78.5	141.5	552,300	570,100
38	77.6	141.0	512,200	562,000
40	76.8	140.5	476,800	545,300
45	74.6	139.1	403,700	541,200
50	72.4	137.4	346,900	483,800
55	70.2	135.6	301,400	418,900
60	68.0	133.5	264,200	367,500
65	65.7	131.3	233,200	325,600
70	63.3	128.7	207,000	290,900
75	61.0	125.9	184,500	261,700
80	58.5	122.8	165,000	236,700
85	56.0	119.4	148,000	215,200
90	53.4	115.7	133,000	196,400
95	50.7	111.6	119,600	179,800
100	47.9	107.0	107,700	165,100
105	45.0	102.0	97,000	152,000
110	41.9	96.5	87,300	140,300

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	544,200	544,200
26	83.6	163.3	544,200	544,200
28	82.9	163.0	544,200	544,200
30	82.2	162.7	544,200	544,200
32	81.4	162.3	544,200	544,200
34	80.7	162.0	544,200	544,200
36	79.9	161.6	535,800	535,800
38	79.2	161.2	513,600	528,500
40	78.5	160.7	478,100	522,900
45	76.6	159.5	404,700	487,400
50	74.7	158.1	347,700	485,000
55	72.8	156.5	302,100	420,000
60	70.9	154.8	264,700	368,400
65	68.9	152.8	233,600	326,400
70	66.9	150.6	207,300	291,600
75	64.9	148.3	184,700	262,200
80	62.9	145.7	165,200	237,200
85	60.8	142.8	148,100	215,500
90	58.6	139.8	133,000	196,600
95	56.5	136.4	119,600	180,000
100	54.2	132.8	107,500	165,200
105	51.9	128.9	96,700	152,100
110	49.5	124.6	87,000	140,200
115	47.0	119.9	78,100	129,600
120	44.4	114.8	70,000	119,900
125	41.7	109.2	62,600	111,000

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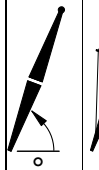
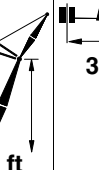
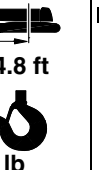
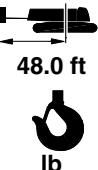
386,000 lb

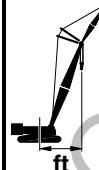
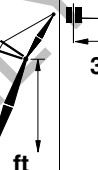
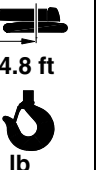


78.7 ft



140°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	494,200	494,200
26	84.3	183.1	494,200	494,200
28	83.7	182.9	494,200	494,200
30	83.0	182.6	494,200	494,200
32	82.4	182.3	494,200	494,200
34	81.7	182.0	494,200	494,200
36	81.1	181.6	494,200	494,200
38	80.4	181.3	494,200	494,200
40	79.8	180.9	479,700	488,400
45	78.1	179.8	406,300	468,000
50	76.4	178.5	349,100	462,800
55	74.8	177.2	303,400	421,400
60	73.1	175.6	266,000	369,700
65	71.4	173.9	234,800	327,600
70	69.6	172.0	208,400	292,700
75	67.9	169.9	185,800	263,300
80	66.1	167.7	166,200	238,200
85	64.3	165.3	149,000	216,500
90	62.5	162.6	133,900	197,500
95	60.6	159.8	120,400	180,800
100	58.7	156.7	108,400	166,100
105	56.8	153.4	97,500	152,800
110	54.8	149.9	87,700	141,000
115	52.8	146.1	78,800	130,200
120	50.7	142.0	70,700	120,500
125	48.5	137.5	63,200	111,600
130	46.3	132.8	56,300	103,500
135	44.0	127.6	50,000	96,000
140	41.5	121.9	44,100	89,100

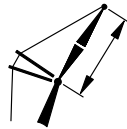
196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	445,200	445,200
28	84.3	202.7	445,200	445,200
30	83.7	202.4	445,200	445,200
32	83.2	202.2	445,200	445,200
34	82.6	201.9	445,200	445,200
36	82.0	201.6	445,200	445,200
38	81.4	201.3	445,200	445,200
40	80.8	200.9	445,200	445,200
45	79.3	199.9	405,800	445,200
50	77.8	198.8	348,600	419,200
55	76.3	197.6	302,700	419,200
60	74.8	196.2	265,200	369,500
65	73.3	194.7	234,000	327,300
70	71.8	193.0	207,500	292,400
75	70.2	191.2	184,800	262,900
80	68.6	189.2	165,200	237,700
85	67.1	187.1	148,000	215,900
90	65.5	184.7	132,800	197,000
95	63.8	182.3	119,300	180,200
100	62.2	179.6	107,200	165,400
105	60.5	176.7	96,400	152,100
110	58.8	173.7	86,500	140,200
115	57.1	170.4	77,600	129,500
120	55.3	167.0	69,400	119,700
125	53.5	163.2	61,900	110,800
130	51.6	159.3	55,000	102,600
135	49.7	155.0	48,600	95,100
140	47.7	150.5	42,800	88,200
145	45.7	145.6	37,300	81,800
150	43.6	140.3	32,200	75,900
155	41.4	134.7	27,400	70,400

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ASME B30.5



386,000 lb



78.7 ft



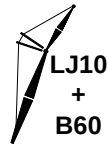
140°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	399,200	399,200
30	84.3	222.3	399,200	399,200
32	83.8	222.0	399,200	399,200
34	83.2	221.8	399,200	399,200
36	82.7	221.5	399,200	399,200
38	82.2	221.2	399,200	399,200
40	81.6	220.9	399,200	399,200
45	80.3	220.0	397,400	397,400
50	79.0	219.0	349,000	386,500
55	77.6	217.9	303,100	376,000
60	76.2	216.6	265,600	365,700
65	74.9	215.2	234,300	327,900
70	73.5	213.7	207,800	292,800
75	72.1	212.1	185,100	263,300
80	70.7	210.3	165,400	238,100
85	69.3	208.4	148,200	216,300
90	67.8	206.3	133,000	197,300
95	66.4	204.1	119,400	180,500
100	64.9	201.8	107,300	165,600
105	63.4	199.2	96,400	152,400
110	61.9	196.6	86,600	140,400
115	60.4	193.7	77,600	129,700
120	58.9	190.7	69,400	119,900
125	57.3	187.4	61,900	110,900
130	55.7	184.0	55,000	102,800
135	54.1	180.4	48,600	95,300
140	52.4	176.5	42,700	88,300
145	50.7	172.4	37,200	81,900
150	48.9	168.0	32,100	76,000
155	47.1	163.4	27,400	70,400
160	45.2	158.4	22,900	65,200
165	43.3	153.1	18,700	60,400
170	41.3	147.4	14,800	55,900

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	353,600	353,700
32	84.3	241.9	353,600	353,700
34	83.8	241.6	353,600	353,700
36	83.3	241.4	353,600	353,700
38	82.8	241.1	353,600	353,700
40	82.3	240.8	350,700	350,700
45	81.1	240.0	342,100	342,100
50	79.9	239.1	332,900	332,900
55	78.6	238.0	301,800	324,100
60	77.4	236.9	264,100	315,300
65	76.2	235.7	232,800	306,600
70	74.9	234.3	206,200	291,900
75	73.6	232.8	183,500	262,400
80	72.4	231.2	163,700	237,100
85	71.1	229.4	146,500	215,200
90	69.8	227.6	131,200	196,200
95	68.5	225.6	117,700	179,400
100	67.2	223.5	105,600	164,500
105	65.8	221.2	94,600	151,200
110	64.5	218.8	84,800	139,200
115	63.1	216.2	75,800	128,400
120	61.7	213.5	67,600	118,600
125	60.3	210.7	60,100	109,700
130	58.9	207.6	53,100	101,500
135	57.5	204.4	46,700	94,000
140	56.0	201.0	40,800	87,000
145	54.5	197.5	35,300	80,600
150	53.0	193.7	30,200	74,600
155	51.5	189.7	25,400	69,000
160	49.9	185.4	20,900	63,900
165	48.2	181.0	16,700	59,000
170	46.6	176.2	12,800	54,500
175	44.8	171.2		50,200
180	43.1	165.9		46,200
185	41.2	160.2		42,400

MLC300 VPC-MAX S-2

ASME B30.5



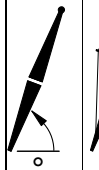
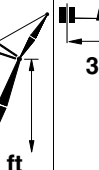
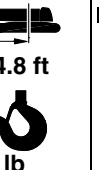
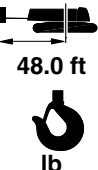
386,000 lb

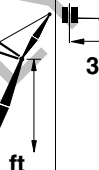
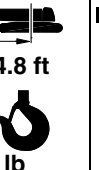
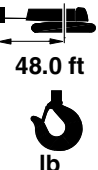


78.7 ft



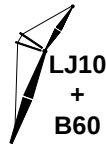
140°

255.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
32	84.7	261.7	287,900	287,900
34	84.3	261.4	287,900	287,900
36	83.8	261.2	287,900	287,900
38	83.4	260.9	287,900	287,900
40	82.9	260.7	287,900	287,900
45	81.8	259.9	287,900	287,900
50	80.7	259.1	285,400	285,400
55	79.5	258.2	281,400	281,400
60	78.4	257.1	264,000	279,000
65	77.2	256.0	232,500	277,100
70	76.1	254.7	205,900	275,300
75	74.9	253.3	183,100	262,300
80	73.8	251.8	163,300	237,000
85	72.6	250.3	146,000	215,100
90	71.4	248.6	130,700	196,000
95	70.2	246.7	117,100	179,200
100	69.0	244.8	105,000	164,200
105	67.8	242.7	94,000	150,900
110	66.6	240.6	84,100	138,900
115	65.3	238.2	75,100	128,100
120	64.1	235.8	66,900	118,300
125	62.8	233.2	59,400	109,300
130	61.6	230.5	52,400	101,100
135	60.3	227.6	46,000	93,500
140	59.0	224.6	40,100	86,600
145	57.6	221.4	34,600	80,100
150	56.3	218.0	29,400	74,200
155	54.9	214.5	24,600	68,600
160	53.5	210.8	20,200	63,400
165	52.1	206.9	16,000	58,600
170	50.7	202.8	12,000	54,000
175	49.2	198.5		49,700
180	47.7	193.9		45,700
185	46.1	189.1		41,900
190	44.5	184.0		38,300
195	42.9	178.6		35,000
200	41.2	172.9		31,800

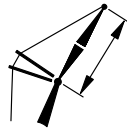
275.6 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
34	84.7	281.2	238,800	239,200
36	84.3	281.0	238,800	239,200
38	83.9	280.8	238,800	239,200
40	83.4	280.5	238,800	239,200
45	82.4	279.8	238,800	239,200
50	81.3	279.1	238,800	239,200
55	80.3	278.2	238,800	239,200
60	79.2	277.2	238,800	239,200
65	78.2	276.2	230,700	239,200
70	77.1	275.0	204,000	239,200
75	76.0	273.7	181,100	239,200
80	75.0	272.4	161,300	234,300
85	73.9	270.9	144,000	213,800
90	72.8	269.3	128,700	194,700
95	71.7	267.7	115,100	177,800
100	70.6	265.9	102,900	162,900
105	69.5	264.0	91,900	149,500
110	68.3	262.0	82,000	137,500
115	67.2	259.9	73,000	126,700
120	66.1	257.6	64,800	116,800
125	64.9	255.3	57,200	107,800
130	63.8	252.8	50,300	99,600
135	62.6	250.2	43,800	92,000
140	61.4	247.4	37,900	85,100
145	60.2	244.6	32,400	78,600
150	59.0	241.5	27,200	72,600
155	57.8	238.4	22,400	67,000
160	56.5	235.1	17,900	61,800
165	55.3	231.6	13,700	57,000
170	54.0	227.9		52,400
175	52.7	224.1		48,100
180	51.3	220.1		44,100
185	50.0	215.9		40,300
190	48.6	211.5		36,700
195	47.2	206.8		33,300
200	45.7	201.9		30,100
205	44.2	196.8		27,100
210	42.7	191.4		24,200

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



98.4 ft



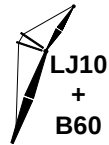
140°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	581,300	581,300
24	83.6	143.7	581,100	581,100
26	82.7	143.4	581,000	581,000
28	81.9	143.1	581,000	581,000
30	81.0	142.7	581,000	581,000
32	80.2	142.3	581,000	581,000
34	79.3	141.9	569,600	569,600
36	78.5	141.5	533,500	569,600
38	77.6	141.0	494,200	553,700
40	76.8	140.5	459,500	537,000
45	74.6	139.1	387,800	536,900
50	72.4	137.4	332,100	471,200
55	70.2	135.6	287,500	407,300
60	68.0	133.5	251,100	356,600
65	65.7	131.3	220,700	315,400
70	63.3	128.7	195,000	281,200
75	61.0	125.9	173,000	252,400
80	58.5	122.8	154,000	227,900
85	56.0	119.4	137,300	206,700
90	53.4	115.7	122,700	188,200
95	50.7	111.6	109,600	171,900
100	47.9	107.0	98,000	157,500
105	45.0	102.0	87,600	144,600
110	41.9	96.5	78,100	133,100

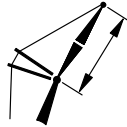
157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	533,900	533,900
26	83.6	163.3	533,900	533,900
28	82.9	163.0	533,900	533,900
30	82.2	162.7	533,900	533,900
32	81.4	162.3	533,900	533,900
34	80.7	162.0	533,900	533,900
36	79.9	161.6	528,400	528,400
38	79.2	161.2	495,900	528,400
40	78.5	160.7	461,100	515,500
45	76.6	159.5	389,200	489,900
50	74.7	158.1	333,200	472,800
55	72.8	156.5	288,500	408,700
60	70.9	154.8	251,900	357,800
65	68.9	152.8	221,400	316,400
70	66.9	150.6	195,600	282,100
75	64.9	148.3	173,500	253,200
80	62.9	145.7	154,400	228,500
85	60.8	142.8	137,600	207,200
90	58.6	139.8	122,900	188,600
95	56.5	136.4	109,700	172,200
100	54.2	132.8	98,000	157,700
105	51.9	128.9	87,500	144,800
110	49.5	124.6	77,900	133,200
115	47.0	119.9	69,300	122,700
120	44.4	114.8	61,400	113,200
125	41.7	109.2	54,200	104,500

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



98.4 ft



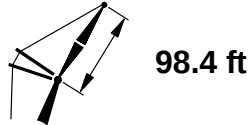
140°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	484,800	484,800
26	84.3	183.1	484,800	484,800
28	83.7	182.9	484,800	484,800
30	83.0	182.6	484,800	484,800
32	82.4	182.3	484,800	484,800
34	81.7	182.0	484,800	484,800
36	81.1	181.6	484,800	484,800
38	80.4	181.3	484,800	484,800
40	79.8	180.9	463,000	484,800
45	78.1	179.8	390,900	461,200
50	76.4	178.5	334,900	461,200
55	74.8	177.2	290,100	410,300
60	73.1	175.6	253,400	359,300
65	71.4	173.9	222,800	317,800
70	69.6	172.0	196,900	283,400
75	67.9	169.9	174,800	254,400
80	66.1	167.7	155,600	229,700
85	64.3	165.3	138,800	208,300
90	62.5	162.6	124,000	189,700
95	60.6	159.8	110,800	173,200
100	58.7	156.7	99,000	158,700
105	56.8	153.4	88,400	145,700
110	54.8	149.9	78,800	134,000
115	52.8	146.1	70,100	123,500
120	50.7	142.0	62,200	113,900
125	48.5	137.5	54,900	105,200
130	46.3	132.8	48,200	97,200
135	44.0	127.6	42,000	89,900
140	41.5	121.9	36,300	83,100

196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	436,900	436,900
28	84.3	202.7	436,900	436,900
30	83.7	202.4	436,900	436,900
32	83.2	202.2	436,900	436,900
34	82.6	201.9	436,900	436,900
36	82.0	201.6	436,900	436,900
38	81.4	201.3	436,900	436,900
40	80.8	200.9	436,900	436,900
45	79.3	199.9	390,800	436,900
50	77.8	198.8	334,600	417,900
55	76.3	197.6	289,600	410,400
60	74.8	196.2	252,800	359,300
65	73.3	194.7	222,200	317,700
70	71.8	193.0	196,300	283,200
75	70.2	191.2	174,000	254,200
80	68.6	189.2	154,800	229,400
85	67.1	187.1	137,900	207,900
90	65.5	184.7	123,000	189,200
95	63.8	182.3	109,800	172,800
100	62.2	179.6	98,000	158,200
105	60.5	176.7	87,400	145,100
110	58.8	173.7	77,700	133,400
115	57.1	170.4	69,000	122,800
120	55.3	167.0	61,000	113,200
125	53.5	163.2	53,700	104,400
130	51.6	159.3	47,000	96,400
135	49.7	155.0	40,800	89,000
140	47.7	150.5	35,000	82,200
145	45.7	145.6	29,700	76,000
150	43.6	140.3	24,700	70,100
155	41.4	134.7	20,100	64,700

MLC300 VPC-MAX S-2

ASME B30.5

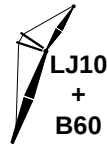


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	391,500	391,500
30	84.3	222.3	391,500	391,500
32	83.8	222.0	391,500	391,500
34	83.2	221.8	391,500	391,500
36	82.7	221.5	391,500	391,500
38	82.2	221.2	391,500	391,500
40	81.6	220.9	391,500	391,500
45	80.3	220.0	388,000	388,000
50	79.0	219.0	335,200	377,000
55	77.6	217.9	290,200	366,500
60	76.2	216.6	253,400	356,100
65	74.9	215.2	222,700	318,400
70	73.5	213.7	196,700	283,800
75	72.1	212.1	174,400	254,700
80	70.7	210.3	155,100	229,900
85	69.3	208.4	138,300	208,400
90	67.8	206.3	123,400	189,700
95	66.4	204.1	110,100	173,200
100	64.9	201.8	98,300	158,500
105	63.4	199.2	87,600	145,400
110	61.9	196.6	77,900	133,700
115	60.4	193.7	69,200	123,100
120	58.9	190.7	61,200	113,400
125	57.3	187.4	53,800	104,700
130	55.7	184.0	47,100	96,600
135	54.1	180.4	40,800	89,200
140	52.4	176.5	35,100	82,400
145	50.7	172.4	29,700	76,100
150	48.9	168.0	24,700	70,300
155	47.1	163.4	20,100	64,800
160	45.2	158.4	15,700	59,700
165	43.3	153.1	11,700	55,000
170	41.3	147.4		50,600

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	348,400	348,400
32	84.3	241.9	348,400	348,400
34	83.8	241.6	348,400	348,400
36	83.3	241.4	348,400	348,400
38	82.8	241.1	345,300	345,300
40	82.3	240.8	341,800	341,800
45	81.1	240.0	333,100	333,100
50	79.9	239.1	323,900	323,900
55	78.6	238.0	289,000	315,000
60	77.4	236.9	252,100	306,100
65	76.2	235.7	221,300	297,300
70	74.9	234.3	195,300	283,100
75	73.6	232.8	173,000	253,900
80	72.4	231.2	153,600	229,000
85	71.1	229.4	136,700	207,500
90	69.8	227.6	121,800	188,700
95	68.5	225.6	108,500	172,100
100	67.2	223.5	96,600	157,500
105	65.8	221.2	85,900	144,400
110	64.5	218.8	76,200	132,600
115	63.1	216.2	67,400	121,900
120	61.7	213.5	59,400	112,300
125	60.3	210.7	52,000	103,500
130	58.9	207.6	45,300	95,400
135	57.5	204.4	39,000	88,000
140	56.0	201.0	33,200	81,200
145	54.5	197.5	27,900	74,800
150	53.0	193.7	22,900	69,000
155	51.5	189.7	18,200	63,500
160	49.9	185.4	13,800	58,400
165	48.2	181.0		53,600
170	46.6	176.2		49,200
175	44.8	171.2		45,000
180	43.1	165.9		41,100
185	41.2	160.2		37,400

MLC300 VPC-MAX S-2

ASME B30.5



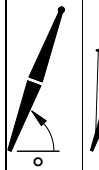
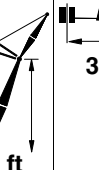
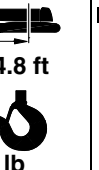
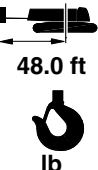
386,000 lb

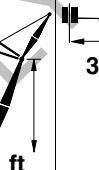
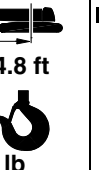
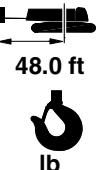


98.4 ft



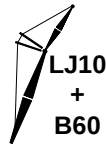
140°

255.9 ft				
				
ft	°	ft	lb	lb
32	84.7	261.7	282,700	282,700
34	84.3	261.4	282,700	282,700
36	83.8	261.2	282,700	282,700
38	83.4	260.9	282,700	282,700
40	82.9	260.7	282,700	282,700
45	81.8	259.9	282,700	282,700
50	80.7	259.1	276,700	276,800
55	79.5	258.2	272,900	272,900
60	78.4	257.1	252,000	270,500
65	77.2	256.0	221,200	268,500
70	76.1	254.7	195,100	266,800
75	74.9	253.3	172,700	254,000
80	73.8	251.8	153,300	229,000
85	72.6	250.3	136,300	207,400
90	71.4	248.6	121,300	188,600
95	70.2	246.7	108,000	172,000
100	69.0	244.8	96,100	157,300
105	67.8	242.7	85,400	144,100
110	66.6	240.6	75,700	132,300
115	65.3	238.2	66,900	121,700
120	64.1	235.8	58,800	112,000
125	62.8	233.2	51,400	103,200
130	61.6	230.5	44,700	95,100
135	60.3	227.6	38,400	87,600
140	59.0	224.6	32,600	80,800
145	57.6	221.4	27,200	74,400
150	56.3	218.0	22,200	68,600
155	54.9	214.5	17,500	63,100
160	53.5	210.8	13,100	58,000
165	52.1	206.9		53,200
170	50.7	202.8		48,700
175	49.2	198.5		44,500
180	47.7	193.9		40,600
185	46.1	189.1		36,900
190	44.5	184.0		33,400
195	42.9	178.6		30,100
200	41.2	172.9		26,900

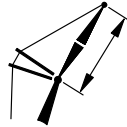
275.6 ft				
				
ft	°	ft	lb	lb
34	84.7	281.2	233,800	234,200
36	84.3	281.0	233,800	234,200
38	83.9	280.8	233,800	234,200
40	83.4	280.5	233,800	234,200
45	82.4	279.8	233,800	234,200
50	81.3	279.1	233,800	234,200
55	80.3	278.2	233,800	234,200
60	79.2	277.2	233,800	234,200
65	78.2	276.2	219,400	234,200
70	77.1	275.0	193,300	234,200
75	76.0	273.7	170,800	234,000
80	75.0	272.4	151,400	225,500
85	73.9	270.9	134,400	206,200
90	72.8	269.3	119,400	187,300
95	71.7	267.7	106,100	170,700
100	70.6	265.9	94,100	156,000
105	69.5	264.0	83,400	142,800
110	68.3	262.0	73,700	131,000
115	67.2	259.9	64,800	120,300
120	66.1	257.6	56,800	110,600
125	64.9	255.3	49,400	101,800
130	63.8	252.8	42,600	93,600
135	62.6	250.2	36,300	86,200
140	61.4	247.4	30,500	79,300
145	60.2	244.6	25,100	73,000
150	59.0	241.5	20,000	67,100
155	57.8	238.4	15,300	61,600
160	56.5	235.1	11,000	56,500
165	55.3	231.6		51,700
170	54.0	227.9		47,200
175	52.7	224.1		43,000
180	51.3	220.1		39,000
185	50.0	215.9		35,300
190	48.6	211.5		31,800
195	47.2	206.8		28,500
200	45.7	201.9		25,300
205	44.2	196.8		22,300
210	42.7	191.4		18,900

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



118.1 ft



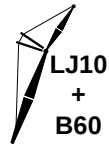
155°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	582,100	582,100
24	83.6	143.7	581,600	581,600
26	82.7	143.4	581,200	581,200
28	81.9	143.1	580,900	580,900
30	81.0	142.7	580,800	580,800
32	80.2	142.3	580,600	580,600
34	79.3	141.9	571,200	571,200
36	78.5	141.5	536,800	571,200
38	77.6	141.0	496,800	554,700
40	76.8	140.5	461,400	537,700
45	74.6	139.1	388,300	536,900
50	72.4	137.4	331,500	471,000
55	70.2	135.6	286,000	406,300
60	68.0	133.5	248,800	354,900
65	65.7	131.3	217,800	313,200
70	63.3	128.7	191,600	278,500
75	61.0	125.9	169,100	249,400
80	58.5	122.8	149,600	224,500
85	56.0	119.4	132,600	203,000
90	53.4	115.7	117,600	184,200
95	50.7	111.6	104,200	167,700
100	47.9	107.0	92,300	153,000
105	45.0	102.0	81,600	140,000
110	41.9	96.5	71,900	128,200
115	38.5	90.2	63,100	117,600
120	34.9	83.1	55,000	108,000
125	31.0	75.0	47,700	99,300
130	26.4	65.2	41,000	91,300

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	534,000	534,000
26	83.6	163.3	533,700	533,700
28	82.9	163.0	533,500	533,600
30	82.2	162.7	533,400	533,400
32	81.4	162.3	533,300	533,300
34	80.7	162.0	533,300	533,300
36	79.9	161.6	530,200	530,200
38	79.2	161.2	499,300	530,200
40	78.5	160.7	463,800	516,800
45	76.6	159.5	390,500	489,400
50	74.7	158.1	333,500	473,300
55	72.8	156.5	287,900	408,400
60	70.9	154.8	250,500	356,900
65	68.9	152.8	219,400	315,000
70	66.9	150.6	193,100	280,200
75	64.9	148.3	170,600	250,900
80	62.9	145.7	151,000	225,900
85	60.8	142.8	133,900	204,300
90	58.6	139.8	118,800	185,500
95	56.5	136.4	105,400	168,900
100	54.2	132.8	93,400	154,200
105	51.9	128.9	82,600	141,000
110	49.5	124.6	72,800	129,200
115	47.0	119.9	64,000	118,500
120	44.4	114.8	55,900	108,900
125	41.7	109.2	48,400	100,000
130	38.8	103.0	41,600	92,000
135	35.7	96.1	35,300	84,600
140	32.3	88.3	29,500	77,700
145	28.6	79.4	24,100	71,400

MLC300 VPC-MAX S-2

ASME B30.5



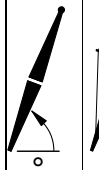
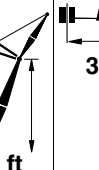
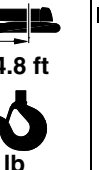
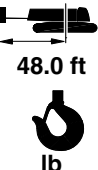
386,000 lb

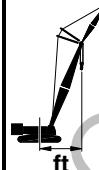
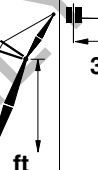
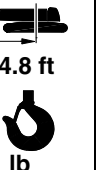


118.1 ft



155°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	484,300	484,300
26	84.3	183.1	484,200	484,200
28	83.7	182.9	484,200	484,200
30	83.0	182.6	484,100	484,100
32	82.4	182.3	484,100	484,100
34	81.7	182.0	484,100	484,100
36	81.1	181.6	484,100	484,100
38	80.4	181.3	484,100	484,100
40	79.8	180.9	466,400	484,100
45	78.1	179.8	392,900	462,400
50	76.4	178.5	335,800	462,400
55	74.8	177.2	290,100	410,600
60	73.1	175.6	252,700	359,000
65	71.4	173.9	221,500	317,000
70	69.6	172.0	195,200	282,100
75	67.9	169.9	172,600	252,800
80	66.1	167.7	153,000	227,700
85	64.3	165.3	135,800	206,100
90	62.5	162.6	120,700	187,200
95	60.6	159.8	107,200	170,500
100	58.7	156.7	95,200	155,700
105	56.8	153.4	84,400	142,600
110	54.8	149.9	74,600	130,700
115	52.8	146.1	65,700	120,000
120	50.7	142.0	57,500	110,300
125	48.5	137.5	50,100	101,400
130	46.3	132.8	43,200	93,300
135	44.0	127.6	36,900	85,900
140	41.5	121.9	31,000	79,000
145	39.0	115.8	25,600	72,600
150	36.2	109.0	20,500	66,800
155	33.3	101.5	15,800	61,300
160	30.1	93.0	11,400	56,200
165	26.6	83.3		51,400

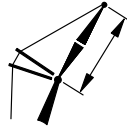
196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	435,800	435,800
28	84.3	202.7	435,800	435,800
30	83.7	202.4	435,800	435,800
32	83.2	202.2	435,800	435,800
34	82.6	201.9	435,800	435,800
36	82.0	201.6	435,800	435,800
38	81.4	201.3	435,800	435,800
40	80.8	200.9	435,800	435,800
45	79.3	199.9	393,300	435,800
50	77.8	198.8	336,000	418,500
55	76.3	197.6	290,200	411,200
60	74.8	196.2	252,700	359,500
65	73.3	194.7	221,500	317,400
70	71.8	193.0	195,100	282,400
75	70.2	191.2	172,400	253,000
80	68.6	189.2	152,700	227,900
85	67.1	187.1	135,600	206,200
90	65.5	184.7	120,400	187,200
95	63.8	182.3	106,900	170,500
100	62.2	179.6	94,800	155,700
105	60.5	176.7	84,000	142,500
110	58.8	173.7	74,100	130,600
115	57.1	170.4	65,200	119,900
120	55.3	167.0	57,000	110,100
125	53.5	163.2	49,500	101,200
130	51.6	159.3	42,600	93,100
135	49.7	155.0	36,300	85,600
140	47.7	150.5	30,400	78,700
145	45.7	145.6	24,900	72,300
150	43.6	140.3	19,800	66,400
155	41.4	134.7	15,100	60,900
160	39.1	128.6	10,600	55,700
165	36.7	121.9		50,900
170	34.1	114.6		46,400
175	31.3	106.5		42,200
180	28.3	97.4		38,300

MLC300 VPC-MAX S-2

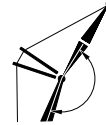
ASME B30.5



386,000 lb



118.1 ft



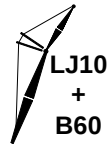
155°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	389,700	389,700
30	84.3	222.3	389,700	389,700
32	83.8	222.0	389,700	389,700
34	83.2	221.8	389,700	389,700
36	82.7	221.5	389,700	389,700
38	82.2	221.2	389,700	389,700
40	81.6	220.9	389,700	389,700
45	80.3	220.0	388,700	388,700
50	79.0	219.0	337,100	377,700
55	77.6	217.9	291,200	367,200
60	76.2	216.6	253,700	356,700
65	74.9	215.2	222,400	318,400
70	73.5	213.7	196,000	283,400
75	72.1	212.1	173,300	253,900
80	70.7	210.3	153,600	228,800
85	69.3	208.4	136,400	207,000
90	67.8	206.3	121,200	188,000
95	66.4	204.1	107,700	171,300
100	64.9	201.8	95,600	156,500
105	63.4	199.2	84,700	143,200
110	61.9	196.6	74,800	131,300
115	60.4	193.7	65,900	120,600
120	58.9	190.7	57,700	110,800
125	57.3	187.4	50,200	101,900
130	55.7	184.0	43,300	93,700
135	54.1	180.4	36,900	86,200
140	52.4	176.5	31,000	79,300
145	50.7	172.4	25,500	72,900
150	48.9	168.0	20,400	67,000
155	47.1	163.4	15,700	61,400
160	45.2	158.4	11,200	56,300
165	43.3	153.1		51,500
170	41.3	147.4		46,900
175	39.2	141.3		42,700
180	37.0	134.7		38,700
185	34.7	127.6		34,900
190	32.3	119.7		31,400
195	29.6	111.1		28,000
200	26.7	101.4		24,900

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	344,500	344,500
32	84.3	241.9	344,500	344,500
34	83.8	241.6	344,500	344,500
36	83.3	241.4	344,500	344,500
38	82.8	241.1	344,500	344,500
40	82.3	240.8	342,300	342,300
45	81.1	240.0	333,600	333,600
50	79.9	239.1	324,300	324,300
55	78.6	238.0	290,400	315,500
60	77.4	236.9	252,800	306,600
65	76.2	235.7	221,400	297,700
70	74.9	234.3	194,900	283,000
75	73.6	232.8	172,200	253,400
80	72.4	231.2	152,500	228,200
85	71.1	229.4	135,200	206,400
90	69.8	227.6	120,000	187,400
95	68.5	225.6	106,400	170,600
100	67.2	223.5	94,300	155,800
105	65.8	221.2	83,400	142,500
110	64.5	218.8	73,600	130,500
115	63.1	216.2	64,600	119,800
120	61.7	213.5	56,400	110,000
125	60.3	210.7	48,900	101,000
130	58.9	207.6	41,900	92,900
135	57.5	204.4	35,600	85,300
140	56.0	201.0	29,600	78,400
145	54.5	197.5	24,100	72,000
150	53.0	193.7	19,000	66,000
155	51.5	189.7	14,200	60,500
160	49.9	185.4		55,300
165	48.2	181.0		50,500
170	46.6	176.2		45,900
175	44.8	171.2		41,700
180	43.1	165.9		37,700
185	41.2	160.2		33,900
190	39.3	154.1		30,300
195	37.3	147.6		27,000
200	35.2	140.5		23,800
205	33.0	132.9		20,800
210	30.7	124.6		17,400
220	25.4	105.1		10,800

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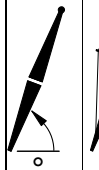
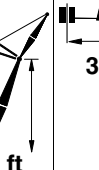
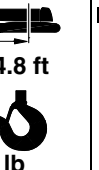
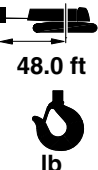
386,000 lb

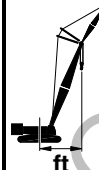
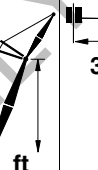
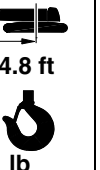


118.1 ft



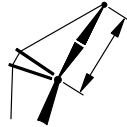
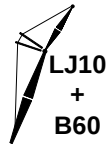
155°

255.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
32	84.7	261.7	279,000	279,000
34	84.3	261.4	279,000	279,000
36	83.8	261.2	279,000	279,000
38	83.4	260.9	279,000	279,000
40	82.9	260.7	279,000	279,000
45	81.8	259.9	279,000	279,000
50	80.7	259.1	277,000	277,000
55	79.5	258.2	272,700	272,700
60	78.4	257.1	253,000	270,300
65	77.2	256.0	221,600	268,200
70	76.1	254.7	195,000	266,300
75	74.9	253.3	172,200	253,800
80	73.8	251.8	152,400	228,500
85	72.6	250.3	135,100	206,600
90	71.4	248.6	119,900	187,500
95	70.2	246.7	106,300	170,800
100	69.0	244.8	94,200	155,900
105	67.8	242.7	83,200	142,500
110	66.6	240.6	73,300	130,600
115	65.3	238.2	64,400	119,800
120	64.1	235.8	56,100	110,000
125	62.8	233.2	48,600	101,000
130	61.6	230.5	41,700	92,800
135	60.3	227.6	35,300	85,300
140	59.0	224.6	29,400	78,300
145	57.6	221.4	23,900	71,900
150	56.3	218.0	18,700	65,900
155	54.9	214.5	13,900	60,400
160	53.5	210.8		55,200
165	52.1	206.9		50,400
170	50.7	202.8		45,800
175	49.2	198.5		41,600
180	47.7	193.9		37,500
185	46.1	189.1		33,800
190	44.5	184.0		30,200
195	42.9	178.6		26,800
200	41.2	172.9		23,600
205	39.4	166.8		20,400
210	37.6	160.4		16,800
220	33.7	146.0		10,200

275.6 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
34	84.7	281.2	230,300	230,700
36	84.3	281.0	230,300	230,700
38	83.9	280.8	230,300	230,700
40	83.4	280.5	230,300	230,700
45	82.4	279.8	230,300	230,700
50	81.3	279.1	230,300	230,700
55	80.3	278.2	230,300	230,700
60	79.2	277.2	230,300	230,700
65	78.2	276.2	220,100	230,700
70	77.1	275.0	193,500	230,700
75	76.0	273.7	170,600	230,200
80	75.0	272.4	150,800	221,600
85	73.9	270.9	133,500	205,700
90	72.8	269.3	118,200	186,500
95	71.7	267.7	104,600	169,700
100	70.6	265.9	92,500	154,800
105	69.5	264.0	81,500	141,500
110	68.3	262.0	71,600	129,500
115	67.2	259.9	62,600	118,600
120	66.1	257.6	54,400	108,800
125	64.9	255.3	46,800	99,800
130	63.8	252.8	39,900	91,600
135	62.6	250.2	33,500	84,100
140	61.4	247.4	27,600	77,100
145	60.2	244.6	22,000	70,700
150	59.0	241.5	16,900	64,700
155	57.8	238.4	12,100	59,100
160	56.5	235.1		53,900
165	55.3	231.6		49,100
170	54.0	227.9		44,500
175	52.7	224.1		40,300
180	51.3	220.1		36,200
185	50.0	215.9		32,500
190	48.6	211.5		28,900
195	47.2	206.8		25,500
200	45.7	201.9		22,000
205	44.2	196.8		18,300
210	42.7	191.4		14,700

MLC300 VPC-MAX S-2

ASME B30.5

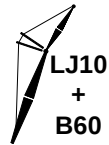


137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	571,200	571,200
24	83.6	143.7	570,600	570,600
26	82.7	143.4	570,100	570,100
28	81.9	143.1	569,600	569,600
30	81.0	142.7	569,200	569,200
32	80.2	142.3	568,900	568,900
34	79.3	141.9	563,300	563,300
36	78.5	141.5	519,800	563,300
38	77.6	141.0	480,300	546,800
40	76.8	140.5	445,400	529,700
45	74.6	139.1	373,400	526,400
50	72.4	137.4	317,400	459,000
55	70.2	135.6	272,600	395,100
60	68.0	133.5	235,900	344,300
65	65.7	131.3	205,400	303,000
70	63.3	128.7	179,600	268,800
75	61.0	125.9	157,500	240,000
80	58.5	122.8	138,300	215,400
85	56.0	119.4	121,600	194,200
90	53.4	115.7	106,800	175,600
95	50.7	111.6	93,700	159,300
100	47.9	107.0	82,000	144,900
105	45.0	102.0	71,500	132,000
110	41.9	96.5	62,000	120,500
115	38.5	90.2	53,300	110,000
120	34.9	83.1	45,500	100,600
125	31.0	75.0	38,400	92,000
130	26.4	65.2	31,900	84,200

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	524,100	524,100
26	83.6	163.3	523,800	523,800
28	82.9	163.0	523,500	523,500
30	82.2	162.7	523,200	523,200
32	81.4	162.3	523,100	523,100
34	80.7	162.0	522,900	522,900
36	79.9	161.6	522,900	522,900
38	79.2	161.2	483,400	522,900
40	78.5	160.7	448,300	509,700
45	76.6	159.5	376,100	494,300
50	74.7	158.1	319,900	461,800
55	72.8	156.5	274,900	397,600
60	70.9	154.8	238,200	346,700
65	68.9	152.8	207,500	305,200
70	66.9	150.6	181,600	270,900
75	64.9	148.3	159,400	241,900
80	62.9	145.7	140,100	217,200
85	60.8	142.8	123,300	195,900
90	58.6	139.8	108,500	177,300
95	56.5	136.4	95,300	160,900
100	54.2	132.8	83,500	146,300
105	51.9	128.9	72,900	133,400
110	49.5	124.6	63,300	121,700
115	47.0	119.9	54,600	111,200
120	44.4	114.8	46,600	101,700
125	41.7	109.2	39,400	93,000
130	38.8	103.0	32,700	85,100
135	35.7	96.1	26,600	77,800
140	32.3	88.3	20,900	71,100
145	28.6	79.4	15,700	64,900

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ASME B30.5



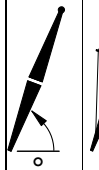
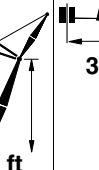
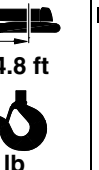
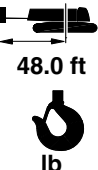
386,000 lb

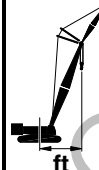
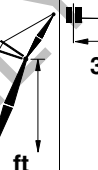
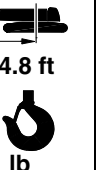


137.8 ft



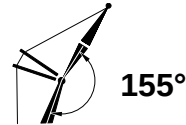
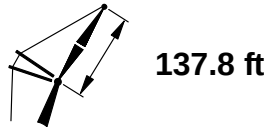
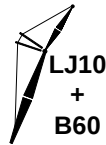
155°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	475,400	475,400
26	84.3	183.1	475,200	475,200
28	83.7	182.9	475,200	475,200
30	83.0	182.6	475,100	475,100
32	82.4	182.3	474,900	474,900
34	81.7	182.0	474,900	474,900
36	81.1	181.6	474,900	474,900
38	80.4	181.3	474,900	474,900
40	79.8	180.9	451,300	474,900
45	78.1	179.8	378,900	455,900
50	76.4	178.5	322,600	455,900
55	74.8	177.2	277,600	400,200
60	73.1	175.6	240,700	349,100
65	71.4	173.9	210,000	307,600
70	69.6	172.0	184,000	273,100
75	67.9	169.9	161,800	244,100
80	66.1	167.7	142,500	219,300
85	64.3	165.3	125,600	197,900
90	62.5	162.6	110,700	179,200
95	60.6	159.8	97,500	162,800
100	58.7	156.7	85,600	148,200
105	56.8	153.4	75,000	135,200
110	54.8	149.9	65,300	123,500
115	52.8	146.1	56,600	112,900
120	50.7	142.0	48,600	103,300
125	48.5	137.5	41,300	94,600
130	46.3	132.8	34,500	86,600
135	44.0	127.6	28,300	79,300
140	41.5	121.9	22,600	72,500
145	39.0	115.8	17,300	66,200
150	36.2	109.0	12,300	60,500
155	33.3	101.5		55,100
160	30.1	93.0		50,100
165	26.6	83.3		45,400

196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	427,600	427,600
28	84.3	202.7	427,600	427,600
30	83.7	202.4	427,600	427,600
32	83.2	202.2	427,600	427,600
34	82.6	201.9	427,600	427,600
36	82.0	201.6	427,600	427,600
38	81.4	201.3	427,600	427,600
40	80.8	200.9	427,600	427,600
45	79.3	199.9	379,600	427,600
50	77.8	198.8	323,100	422,800
55	76.3	197.6	278,000	401,100
60	74.8	196.2	241,100	349,900
65	73.3	194.7	210,300	308,200
70	71.8	193.0	184,200	273,700
75	70.2	191.2	161,900	244,600
80	68.6	189.2	142,600	219,700
85	67.1	187.1	125,600	198,300
90	65.5	184.7	110,700	179,500
95	63.8	182.3	97,400	163,000
100	62.2	179.6	85,500	148,400
105	60.5	176.7	74,800	135,300
110	58.8	173.7	65,200	123,600
115	57.1	170.4	56,400	113,000
120	55.3	167.0	48,400	103,400
125	53.5	163.2	41,000	94,600
130	51.6	159.3	34,200	86,600
135	49.7	155.0	28,000	79,200
140	47.7	150.5	22,200	72,400
145	45.7	145.6	16,900	66,100
150	43.6	140.3	11,900	60,200
155	41.4	134.7		54,800
160	39.1	128.6		49,800
165	36.7	121.9		45,000
170	34.1	114.6		40,600
175	31.3	106.5		36,500
180	28.3	97.4		32,600

MLC300 VPC-MAX S-2

ASME B30.5

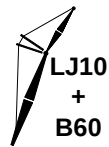


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	382,200	382,200
30	84.3	222.3	382,200	382,200
32	83.8	222.0	382,200	382,200
34	83.2	221.8	382,200	382,200
36	82.7	221.5	382,200	382,200
38	82.2	221.2	382,200	382,200
40	81.6	220.9	382,200	382,200
45	80.3	220.0	379,800	379,800
50	79.0	219.0	324,500	368,700
55	77.6	217.9	279,300	358,200
60	76.2	216.6	242,300	347,600
65	74.9	215.2	211,500	309,500
70	73.5	213.7	185,400	274,900
75	72.1	212.1	163,000	245,700
80	70.7	210.3	143,700	220,800
85	69.3	208.4	126,700	199,300
90	67.8	206.3	111,700	180,600
95	66.4	204.1	98,400	164,000
100	64.9	201.8	86,500	149,400
105	63.4	199.2	75,800	136,300
110	61.9	196.6	66,100	124,500
115	60.4	193.7	57,300	113,900
120	58.9	190.7	49,300	104,200
125	57.3	187.4	41,900	95,400
130	55.7	184.0	35,100	87,400
135	54.1	180.4	28,800	80,000
140	52.4	176.5	23,000	73,100
145	50.7	172.4	17,700	66,800
150	48.9	168.0	12,600	61,000
155	47.1	163.4		55,500
160	45.2	158.4		50,400
165	43.3	153.1		45,700
170	41.3	147.4		41,200
175	39.2	141.3		37,000
180	37.0	134.7		33,100
185	34.7	127.6		29,400
190	32.3	119.7		25,900
195	29.6	111.1		22,700
200	26.7	101.4		19,500

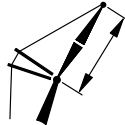
236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	338,600	338,600
32	84.3	241.9	338,600	338,600
34	83.8	241.6	338,600	338,600
36	83.3	241.4	338,600	338,600
38	82.8	241.1	337,300	337,300
40	82.3	240.8	333,800	333,800
45	81.1	240.0	325,100	325,100
50	79.9	239.1	315,700	315,700
55	78.6	238.0	278,700	306,800
60	77.4	236.9	241,600	297,800
65	76.2	235.7	210,700	288,900
70	74.9	234.3	184,600	274,600
75	73.6	232.8	162,200	245,400
80	72.4	231.2	142,700	220,500
85	71.1	229.4	125,700	198,900
90	69.8	227.6	110,700	180,100
95	68.5	225.6	97,400	163,500
100	67.2	223.5	85,500	148,800
105	65.8	221.2	74,700	135,700
110	64.5	218.8	65,000	123,900
115	63.1	216.2	56,200	113,200
120	61.7	213.5	48,100	103,600
125	60.3	210.7	40,700	94,700
130	58.9	207.6	33,900	86,700
135	57.5	204.4	27,600	79,200
140	56.0	201.0	21,800	72,400
145	54.5	197.5	16,400	66,000
150	53.0	193.7	11,400	60,200
155	51.5	189.7		54,700
160	49.9	185.4		49,600
165	48.2	181.0		44,800
170	46.6	176.2		40,300
175	44.8	171.2		36,100
180	43.1	165.9		32,200
185	41.2	160.2		28,500
190	39.3	154.1		25,000
195	37.3	147.6		21,600
200	35.2	140.5		17,700
205	33.0	132.9		14,100
210	30.7	124.6		10,600

MLC300 VPC-MAX S-2

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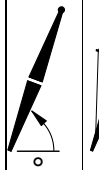
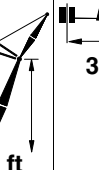
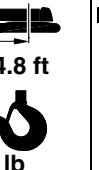
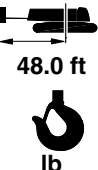
386,000 lb

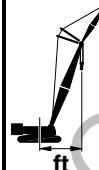
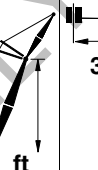
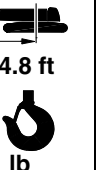


137.8 ft



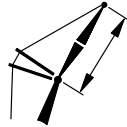
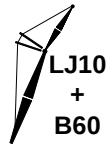
155°

255.9 ft				
				
ft	°	ft	lb	lb
32	84.7	261.7	273,100	273,100
34	84.3	261.4	273,100	273,100
36	83.8	261.2	273,100	273,100
38	83.4	260.9	273,100	273,100
40	82.9	260.7	273,100	273,100
45	81.8	259.9	273,100	273,100
50	80.7	259.1	268,600	268,600
55	79.5	258.2	264,500	264,500
60	78.4	257.1	242,100	262,000
65	77.2	256.0	211,100	259,900
70	76.1	254.7	184,900	258,000
75	74.9	253.3	162,400	245,900
80	73.8	251.8	142,900	220,900
85	72.6	250.3	125,900	199,300
90	71.4	248.6	110,800	180,400
95	70.2	246.7	97,500	163,800
100	69.0	244.8	85,500	149,100
105	67.8	242.7	74,700	135,900
110	66.6	240.6	65,000	124,100
115	65.3	238.2	56,100	113,400
120	64.1	235.8	48,100	103,700
125	62.8	233.2	40,700	94,800
130	61.6	230.5	33,800	86,700
135	60.3	227.6	27,500	79,300
140	59.0	224.6	21,700	72,400
145	57.6	221.4	16,300	66,100
150	56.3	218.0	11,300	60,200
155	54.9	214.5		54,700
160	53.5	210.8		49,600
165	52.1	206.9		44,800
170	50.7	202.8		40,300
175	49.2	198.5		36,100
180	47.7	193.9		32,200
185	46.1	189.1		28,400
190	44.5	184.0		24,900
195	42.9	178.6		21,100
200	41.2	172.9		17,300
205	39.4	166.8		13,600
210	37.6	160.4		10,100

275.6 ft				
				
ft	°	ft	lb	lb
34	84.7	281.2	224,700	225,000
36	84.3	281.0	224,700	225,000
38	83.9	280.8	224,700	225,000
40	83.4	280.5	224,700	225,000
45	82.4	279.8	224,700	225,000
50	81.3	279.1	224,700	225,000
55	80.3	278.2	224,700	225,000
60	79.2	277.2	224,700	225,000
65	78.2	276.2	209,800	225,000
70	77.1	275.0	183,500	225,000
75	76.0	273.7	161,000	221,200
80	75.0	272.4	141,500	212,600
85	73.9	270.9	124,400	198,400
90	72.8	269.3	109,400	179,500
95	71.7	267.7	96,000	162,900
100	70.6	265.9	84,000	148,100
105	69.5	264.0	73,200	134,900
110	68.3	262.0	63,400	123,100
115	67.2	259.9	54,600	112,400
120	66.1	257.6	46,500	102,700
125	64.9	255.3	39,000	93,800
130	63.8	252.8	32,200	85,700
135	62.6	250.2	25,900	78,200
140	61.4	247.4	20,000	71,300
145	60.2	244.6	14,600	65,000
150	59.0	241.5		59,100
155	57.8	238.4		53,600
160	56.5	235.1		48,400
165	55.3	231.6		43,600
170	54.0	227.9		39,100
175	52.7	224.1		34,900
180	51.3	220.1		31,000
185	50.0	215.9		27,200
190	48.6	211.5		23,200
195	47.2	206.8		19,100
200	45.7	201.9		15,200
205	44.2	196.8		11,600

MLC300 VPC-MAX S-2

ASME B30.5

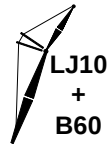


137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	558,700	558,700
24	83.6	143.7	557,900	557,900
26	82.7	143.4	557,100	557,200
28	81.9	143.1	556,500	556,500
30	81.0	142.7	555,900	555,900
32	80.2	142.3	555,500	555,500
34	79.3	141.9	544,800	555,100
36	78.5	141.5	500,700	554,800
38	77.6	141.0	461,900	537,500
40	76.8	140.5	427,500	520,500
45	74.6	139.1	356,700	514,500
50	72.4	137.4	301,600	445,600
55	70.2	135.6	257,600	382,500
60	68.0	133.5	221,600	332,400
65	65.7	131.3	191,600	291,700
70	63.3	128.7	166,200	258,000
75	61.0	125.9	144,500	229,600
80	58.5	122.8	125,700	205,300
85	56.0	119.4	109,300	184,400
90	53.4	115.7	94,900	166,100
95	50.7	111.6	82,000	150,100
100	47.9	107.0	70,600	135,900
105	45.0	102.0	60,300	123,200
110	41.9	96.5	51,000	111,900
115	38.5	90.2	42,600	101,600
120	34.9	83.1	35,000	92,400
125	31.0	75.0	28,100	84,000
130	26.4	65.2	21,800	76,400

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	512,900	512,900
26	83.6	163.3	512,400	512,400
28	82.9	163.0	512,000	512,000
30	82.2	162.7	511,700	511,700
32	81.4	162.3	511,300	511,400
34	80.7	162.0	511,100	511,200
36	79.9	161.6	504,400	511,000
38	79.2	161.2	465,500	510,800
40	78.5	160.7	431,000	501,500
45	76.6	159.5	360,000	499,300
50	74.7	158.1	304,700	448,900
55	72.8	156.5	260,500	385,600
60	70.9	154.8	224,400	335,300
65	68.9	152.8	194,300	294,400
70	66.9	150.6	168,800	260,500
75	64.9	148.3	147,000	231,900
80	62.9	145.7	128,100	207,600
85	60.8	142.8	111,600	186,500
90	58.6	139.8	97,000	168,200
95	56.5	136.4	84,100	152,000
100	54.2	132.8	72,500	137,700
105	51.9	128.9	62,100	124,900
110	49.5	124.6	52,800	113,500
115	47.0	119.9	44,200	103,100
120	44.4	114.8	36,500	93,800
125	41.7	109.2	29,400	85,200
130	38.8	103.0	22,900	77,400
135	35.7	96.1	16,900	70,300
140	32.3	88.3	11,400	63,700
145	28.6	79.4		57,700

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



157.5 ft



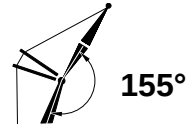
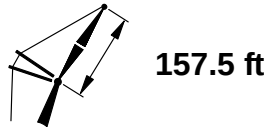
155°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	465,400	465,400
26	84.3	183.1	465,100	465,100
28	83.7	182.9	464,900	464,900
30	83.0	182.6	464,700	464,700
32	82.4	182.3	464,500	464,500
34	81.7	182.0	464,500	464,500
36	81.1	181.6	464,500	464,500
38	80.4	181.3	464,400	464,400
40	79.8	180.9	434,500	464,400
45	78.1	179.8	363,300	449,100
50	76.4	178.5	307,900	447,700
55	74.8	177.2	263,600	388,500
60	73.1	175.6	227,400	338,100
65	71.4	173.9	197,200	297,100
70	69.6	172.0	171,700	263,100
75	67.9	169.9	149,800	234,500
80	66.1	167.7	130,900	210,000
85	64.3	165.3	114,300	188,900
90	62.5	162.6	99,700	170,500
95	60.6	159.8	86,700	154,300
100	58.7	156.7	75,100	139,900
105	56.8	153.4	64,600	127,000
110	54.8	149.9	55,200	115,500
115	52.8	146.1	46,600	105,100
120	50.7	142.0	38,800	95,700
125	48.5	137.5	31,600	87,100
130	46.3	132.8	25,000	79,200
135	44.0	127.6	19,000	72,000
140	41.5	121.9	13,400	65,300
145	39.0	115.8		59,200
150	36.2	109.0		53,500
155	33.3	101.5		48,300
160	30.1	93.0		43,400
165	26.6	83.3		38,800

196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	418,200	418,200
28	84.3	202.7	418,200	418,200
30	83.7	202.4	418,200	418,200
32	83.2	202.2	418,200	418,200
34	82.6	201.9	418,200	418,200
36	82.0	201.6	418,200	418,200
38	81.4	201.3	418,200	418,200
40	80.8	200.9	418,200	418,200
45	79.3	199.9	364,300	418,200
50	77.8	198.8	308,800	418,200
55	76.3	197.6	264,400	389,700
60	74.8	196.2	228,100	339,200
65	73.3	194.7	197,900	298,100
70	71.8	193.0	172,300	264,000
75	70.2	191.2	150,300	235,300
80	68.6	189.2	131,300	210,700
85	67.1	187.1	114,700	189,500
90	65.5	184.7	100,000	171,100
95	63.8	182.3	87,000	154,800
100	62.2	179.6	75,300	140,300
105	60.5	176.7	64,800	127,500
110	58.8	173.7	55,300	115,900
115	57.1	170.4	46,700	105,400
120	55.3	167.0	38,800	95,900
125	53.5	163.2	31,600	87,300
130	51.6	159.3	25,000	79,400
135	49.7	155.0	18,900	72,100
140	47.7	150.5	13,200	65,400
145	45.7	145.6		59,200
150	43.6	140.3		53,500
155	41.4	134.7		48,200
160	39.1	128.6		43,200
165	36.7	121.9		38,600
170	34.1	114.6		34,200
175	31.3	106.5		30,200
180	28.3	97.4		26,400

MLC300 VPC-MAX S-2

ASME B30.5

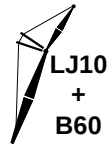


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	373,400	373,400
30	84.3	222.3	373,400	373,400
32	83.8	222.0	373,400	373,400
34	83.2	221.8	373,400	373,400
36	82.7	221.5	373,400	373,400
38	82.2	221.2	373,400	373,400
40	81.6	220.9	373,400	373,400
45	80.3	220.0	366,100	369,400
50	79.0	219.0	310,500	358,400
55	77.6	217.9	266,000	347,700
60	76.2	216.6	229,700	337,000
65	74.9	215.2	199,400	299,600
70	73.5	213.7	173,700	265,400
75	72.1	212.1	151,700	236,600
80	70.7	210.3	132,700	212,100
85	69.3	208.4	116,000	190,800
90	67.8	206.3	101,300	172,300
95	66.4	204.1	88,300	156,000
100	64.9	201.8	76,600	141,500
105	63.4	199.2	66,000	128,600
110	61.9	196.6	56,500	117,000
115	60.4	193.7	47,900	106,500
120	58.9	190.7	40,000	97,000
125	57.3	187.4	32,800	88,300
130	55.7	184.0	26,100	80,400
135	54.1	180.4	20,000	73,100
140	52.4	176.5	14,300	66,400
145	50.7	172.4		60,100
150	48.9	168.0		54,400
155	47.1	163.4		49,000
160	45.2	158.4		44,000
165	43.3	153.1		39,300
170	41.3	147.4		35,000
175	39.2	141.3		30,900
180	37.0	134.7		27,000
185	34.7	127.6		23,400
190	32.3	119.7		19,500
195	29.6	111.1		15,500
200	26.7	101.4		11,800

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	331,300	331,300
32	84.3	241.9	331,300	331,300
34	83.8	241.6	331,300	331,300
36	83.3	241.4	330,900	330,900
38	82.8	241.1	327,400	327,400
40	82.3	240.8	323,900	324,000
45	81.1	240.0	315,100	315,100
50	79.9	239.1	305,700	305,700
55	78.6	238.0	265,700	296,700
60	77.4	236.9	229,200	287,700
65	76.2	235.7	198,800	278,700
70	74.9	234.3	173,100	265,400
75	73.6	232.8	151,100	236,500
80	72.4	231.2	132,000	211,900
85	71.1	229.4	115,300	190,600
90	69.8	227.6	100,600	172,000
95	68.5	225.6	87,500	155,700
100	67.2	223.5	75,800	141,200
105	65.8	221.2	65,200	128,200
110	64.5	218.8	55,700	116,600
115	63.1	216.2	47,000	106,100
120	61.7	213.5	39,100	96,500
125	60.3	210.7	31,800	87,800
130	58.9	207.6	25,200	79,800
135	57.5	204.4	19,000	72,500
140	56.0	201.0	13,300	65,800
145	54.5	197.5		59,500
150	53.0	193.7		53,700
155	51.5	189.7		48,300
160	49.9	185.4		43,300
165	48.2	181.0		38,600
170	46.6	176.2		34,200
175	44.8	171.2		30,100
180	43.1	165.9		26,200
185	41.2	160.2		22,100
190	39.3	154.1		17,900
195	37.3	147.6		13,900
200	35.2	140.5		10,200

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



157.5 ft



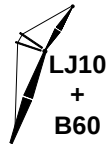
155°

255.9 ft				
ft	°	ft	lb	lb
32	84.7	261.7	266,400	266,400
34	84.3	261.4	266,400	266,400
36	83.8	261.2	266,400	266,400
38	83.4	260.9	266,400	266,400
40	82.9	260.7	266,400	266,400
45	81.8	259.9	266,400	266,400
50	80.7	259.1	259,000	259,000
55	79.5	258.2	255,000	255,000
60	78.4	257.1	229,900	252,600
65	77.2	256.0	199,400	250,400
70	76.1	254.7	173,600	248,600
75	74.9	253.3	151,600	237,200
80	73.8	251.8	132,400	212,500
85	72.6	250.3	115,700	191,100
90	71.4	248.6	100,900	172,500
95	70.2	246.7	87,700	156,100
100	69.0	244.8	76,000	141,600
105	67.8	242.7	65,400	128,600
110	66.6	240.6	55,900	116,900
115	65.3	238.2	47,200	106,400
120	64.1	235.8	39,200	96,800
125	62.8	233.2	31,900	88,100
130	61.6	230.5	25,200	80,100
135	60.3	227.6	19,100	72,700
140	59.0	224.6	13,400	66,000
145	57.6	221.4		59,700
150	56.3	218.0		53,900
155	54.9	214.5		48,500
160	53.5	210.8		43,500
165	52.1	206.9		38,700
170	50.7	202.8		34,300
175	49.2	198.5		30,200
180	47.7	193.9		26,300
185	46.1	189.1		21,800
190	44.5	184.0		17,600
195	42.9	178.6		13,600

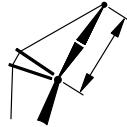
275.6 ft				
ft	°	ft	lb	lb
34	84.7	281.2	218,200	218,500
36	84.3	281.0	218,200	218,500
38	83.9	280.8	218,200	218,500
40	83.4	280.5	218,200	218,500
45	82.4	279.8	218,200	218,500
50	81.3	279.1	218,200	218,500
55	80.3	278.2	218,200	218,500
60	79.2	277.2	218,200	218,500
65	78.2	276.2	198,300	218,500
70	77.1	275.0	172,500	218,500
75	76.0	273.7	150,300	210,900
80	75.0	272.4	131,200	202,300
85	73.9	270.9	114,400	190,500
90	72.8	269.3	99,600	171,800
95	71.7	267.7	86,400	155,400
100	70.6	265.9	74,600	140,800
105	69.5	264.0	64,000	127,800
110	68.3	262.0	54,500	116,100
115	67.2	259.9	45,700	105,500
120	66.1	257.6	37,800	95,900
125	64.9	255.3	30,500	87,200
130	63.8	252.8	23,800	79,100
135	62.6	250.2	17,600	71,800
140	61.4	247.4	11,900	65,000
145	60.2	244.6		58,700
150	59.0	241.5		52,900
155	57.8	238.4		47,500
160	56.5	235.1		42,400
165	55.3	231.6		37,700
170	54.0	227.9		33,300
175	52.7	224.1		29,100
180	51.3	220.1		24,400
185	50.0	215.9		20,000
190	48.6	211.5		15,700
195	47.2	206.8		11,700

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



177.2 ft



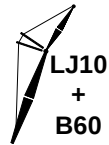
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	571,700	571,700
24	83.6	143.7	570,500	570,500
26	82.7	143.4	569,300	569,300
28	81.9	143.1	568,300	568,300
30	81.0	142.7	567,300	567,400
32	80.2	142.3	566,400	566,400
34	79.3	141.9	563,400	563,400
36	78.5	141.5	522,200	563,400
38	77.6	141.0	481,300	545,800
40	76.8	140.5	445,100	528,100
45	74.6	139.1	370,400	523,600
50	72.4	137.4	312,300	455,400
55	70.2	135.6	265,800	389,900
60	68.0	133.5	227,700	338,000
65	65.7	131.3	196,000	295,700
70	63.3	128.7	169,200	260,700
75	61.0	125.9	146,200	231,100
80	58.5	122.8	126,200	205,900
85	56.0	119.4	108,700	184,100
90	53.4	115.7	93,300	165,100
95	50.7	111.6	79,600	148,300
100	47.9	107.0	67,300	133,500
105	45.0	102.0	56,300	120,200
110	41.9	96.5	46,300	108,200
115	38.5	90.2	37,200	97,400
120	34.9	83.1	28,800	87,600
125	31.0	75.0	21,200	78,700
130	26.4	65.2	14,200	70,500
135	20.9	53.0		63,000

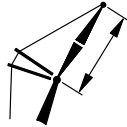
157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	522,900	522,900
26	83.6	163.3	522,100	522,100
28	82.9	163.0	521,400	521,400
30	82.2	162.7	520,700	520,700
32	81.4	162.3	520,100	520,200
34	80.7	162.0	519,600	519,600
36	79.9	161.6	519,100	519,100
38	79.2	161.2	486,000	518,700
40	78.5	160.7	449,700	508,900
45	76.6	159.5	374,900	491,200
50	74.7	158.1	316,600	459,700
55	72.8	156.5	270,000	394,100
60	70.9	154.8	231,900	342,000
65	68.9	152.8	200,100	299,600
70	66.9	150.6	173,200	264,400
75	64.9	148.3	150,100	234,800
80	62.9	145.7	130,100	209,400
85	60.8	142.8	112,600	187,600
90	58.6	139.8	97,100	168,500
95	56.5	136.4	83,400	151,600
100	54.2	132.8	71,100	136,700
105	51.9	128.9	60,000	123,400
110	49.5	124.6	50,000	111,400
115	47.0	119.9	40,800	100,600
120	44.4	114.8	32,500	90,700
125	41.7	109.2	24,800	81,800
130	38.8	103.0	17,800	73,500
135	35.7	96.1	11,300	66,000
140	32.3	88.3		59,000
145	28.6	79.4		52,500
150	24.3	68.7		46,500
155	19.1	55.2		40,900

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



177.2 ft



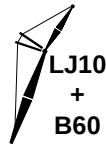
169°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	473,100	473,100
26	84.3	183.1	472,600	472,600
28	83.7	182.9	472,200	472,200
30	83.0	182.6	471,800	471,800
32	82.4	182.3	471,500	471,500
34	81.7	182.0	471,200	471,200
36	81.1	181.6	471,000	471,000
38	80.4	181.3	470,700	470,700
40	79.8	180.9	454,100	470,600
45	78.1	179.8	379,100	454,700
50	76.4	178.5	320,800	454,700
55	74.8	177.2	274,100	397,900
60	73.1	175.6	235,900	345,600
65	71.4	173.9	204,100	303,100
70	69.6	172.0	177,100	267,900
75	67.9	169.9	154,000	238,200
80	66.1	167.7	134,000	212,800
85	64.3	165.3	116,500	190,900
90	62.5	162.6	101,000	171,700
95	60.6	159.8	87,200	154,900
100	58.7	156.7	74,900	139,900
105	56.8	153.4	63,800	126,600
110	54.8	149.9	53,700	114,500
115	52.8	146.1	44,600	103,700
120	50.7	142.0	36,300	93,800
125	48.5	137.5	28,600	84,800
130	46.3	132.8	21,500	76,600
135	44.0	127.6	15,000	69,000
140	41.5	121.9		62,000
145	39.0	115.8		55,500
150	36.2	109.0		49,500
155	33.3	101.5		43,900
160	30.1	93.0		38,700
165	26.6	83.3		33,800
170	22.5	71.8		29,200
175	17.5	57.2		24,900

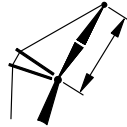
196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	423,500	423,500
28	84.3	202.7	423,400	423,400
30	83.7	202.4	423,400	423,400
32	83.2	202.2	423,300	423,300
34	82.6	201.9	423,300	423,300
36	82.0	201.6	423,300	423,300
38	81.4	201.3	423,300	423,300
40	80.8	200.9	423,300	423,300
45	79.3	199.9	380,800	423,300
50	77.8	198.8	322,400	422,300
55	76.3	197.6	275,700	399,700
60	74.8	196.2	237,400	347,400
65	73.3	194.7	205,500	304,800
70	71.8	193.0	178,500	269,400
75	70.2	191.2	155,400	239,700
80	68.6	189.2	135,300	214,200
85	67.1	187.1	117,700	192,300
90	65.5	184.7	102,200	173,100
95	63.8	182.3	88,400	156,200
100	62.2	179.6	76,100	141,200
105	60.5	176.7	65,000	127,800
110	58.8	173.7	54,900	115,700
115	57.1	170.4	45,800	104,800
120	55.3	167.0	37,400	95,000
125	53.5	163.2	29,700	85,900
130	51.6	159.3	22,700	77,700
135	49.7	155.0	16,100	70,100
140	47.7	150.5	10,100	63,100
145	45.7	145.6		56,600
150	43.6	140.3		50,600
155	41.4	134.7		44,900
160	39.1	128.6		39,700
165	36.7	121.9		34,800
170	34.1	114.6		30,200
175	31.3	106.5		25,900
180	28.3	97.4		21,600
185	24.9	86.9		16,900
190	21.0	74.5		12,400

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



177.2 ft



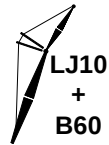
169°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	376,700	376,700
30	84.3	222.3	376,700	376,700
32	83.8	222.0	376,700	376,700
34	83.2	221.8	376,700	376,700
36	82.7	221.5	376,700	376,700
38	82.2	221.2	376,700	376,700
40	81.6	220.9	376,700	376,700
45	80.3	220.0	375,200	375,200
50	79.0	219.0	324,700	364,200
55	77.6	217.9	277,900	353,500
60	76.2	216.6	239,600	342,700
65	74.9	215.2	207,600	306,800
70	73.5	213.7	180,600	271,400
75	72.1	212.1	157,500	241,600
80	70.7	210.3	137,400	216,100
85	69.3	208.4	119,800	194,100
90	67.8	206.3	104,300	174,900
95	66.4	204.1	90,500	158,000
100	64.9	201.8	78,100	143,000
105	63.4	199.2	67,000	129,500
110	61.9	196.6	56,900	117,500
115	60.4	193.7	47,800	106,600
120	58.9	190.7	39,400	96,700
125	57.3	187.4	31,700	87,600
130	55.7	184.0	24,700	79,400
135	54.1	180.4	18,100	71,800
140	52.4	176.5	12,100	64,700
145	50.7	172.4		58,200
150	48.9	168.0		52,200
155	47.1	163.4		46,600
160	45.2	158.4		41,300
165	43.3	153.1		36,400
170	41.3	147.4		31,800
175	39.2	141.3		27,500
180	37.0	134.7		23,200
185	34.7	127.6		18,500
190	32.3	119.7		14,100

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	327,900	327,900
32	84.3	241.9	327,900	327,900
34	83.8	241.6	327,900	327,900
36	83.3	241.4	327,900	327,900
38	82.8	241.1	327,900	327,900
40	82.3	240.8	327,900	327,900
45	81.1	240.0	320,400	320,400
50	79.9	239.1	311,000	311,000
55	78.6	238.0	278,000	302,100
60	77.4	236.9	239,600	293,100
65	76.2	235.7	207,700	284,000
70	74.9	234.3	180,600	271,800
75	73.6	232.8	157,400	242,000
80	72.4	231.2	137,300	216,400
85	71.1	229.4	119,700	194,400
90	69.8	227.6	104,100	175,100
95	68.5	225.6	90,300	158,100
100	67.2	223.5	77,900	143,100
105	65.8	221.2	66,800	129,600
110	64.5	218.8	56,700	117,600
115	63.1	216.2	47,500	106,600
120	61.7	213.5	39,200	96,700
125	60.3	210.7	31,500	87,700
130	58.9	207.6	24,400	79,400
135	57.5	204.4	17,900	71,800
140	56.0	201.0	11,800	64,700
145	54.5	197.5		58,200
150	53.0	193.7		52,200
155	51.5	189.7		46,500
160	49.9	185.4		41,300
165	48.2	181.0		36,400
170	46.6	176.2		31,800
175	44.8	171.2		27,400
180	43.1	165.9		22,700
185	41.2	160.2		17,900
190	39.3	154.1		13,500

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



177.2 ft



169°

ft	°	ft	lb	lb
32	84.7	261.7	262,900	262,900
34	84.3	261.4	262,900	262,900
36	83.8	261.2	262,900	262,900
38	83.4	260.9	262,900	262,900
40	82.9	260.7	262,900	262,900
45	81.8	259.9	262,900	262,900
50	80.7	259.1	262,900	262,900
55	79.5	258.2	259,200	259,300
60	78.4	257.1	240,700	256,600
65	77.2	256.0	208,700	254,200
70	76.1	254.7	181,500	252,100
75	74.9	253.3	158,300	243,000
80	73.8	251.8	138,100	217,400
85	72.6	250.3	120,500	195,300
90	71.4	248.6	104,900	176,000
95	70.2	246.7	91,100	159,000
100	69.0	244.8	78,700	143,900
105	67.8	242.7	67,500	130,400
110	66.6	240.6	57,400	118,300
115	65.3	238.2	48,200	107,400
120	64.1	235.8	39,800	97,400
125	62.8	233.2	32,100	88,400
130	61.6	230.5	25,100	80,100
135	60.3	227.6	18,500	72,400
140	59.0	224.6	12,500	65,400
145	57.6	221.4		58,900
150	56.3	218.0		52,800
155	54.9	214.5		47,200
160	53.5	210.8		41,900
165	52.1	206.9		37,000
170	50.7	202.8		32,400
175	49.2	198.5		28,000
180	47.7	193.9		23,000
185	46.1	189.1		18,400
190	44.5	184.0		13,900

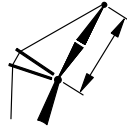
ft	°	ft	lb	lb
34	84.7	281.2	214,600	215,000
36	84.3	281.0	214,600	215,000
38	83.9	280.8	214,600	215,000
40	83.4	280.5	214,600	215,000
45	82.4	279.8	214,600	215,000
50	81.3	279.1	214,600	215,000
55	80.3	278.2	214,600	215,000
60	79.2	277.2	214,600	215,000
65	78.2	276.2	207,900	215,000
70	77.1	275.0	180,800	215,000
75	76.0	273.7	157,500	212,400
80	75.0	272.4	137,300	203,800
85	73.9	270.9	119,600	194,900
90	72.8	269.3	104,000	175,600
95	71.7	267.7	90,100	158,500
100	70.6	265.9	77,700	143,400
105	69.5	264.0	66,600	129,900
110	68.3	262.0	56,400	117,800
115	67.2	259.9	47,300	106,800
120	66.1	257.6	38,900	96,900
125	64.9	255.3	31,100	87,800
130	63.8	252.8	24,100	79,500
135	62.6	250.2	17,500	71,800
140	61.4	247.4	11,400	64,800
145	60.2	244.6		58,300
150	59.0	241.5		52,200
155	57.8	238.4		46,600
160	56.5	235.1		41,300
165	55.3	231.6		36,400
170	54.0	227.9		31,800
175	52.7	224.1		26,700
180	51.3	220.1		21,700
185	50.0	215.9		17,100
190	48.6	211.5		12,600

MLC300 VPC-MAX S-2

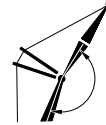
ASME B30.5



386,000 lb



196.9 ft



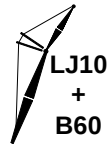
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	563,800	563,800
24	83.6	143.7	562,400	562,500
26	82.7	143.4	561,100	561,100
28	81.9	143.1	559,800	559,800
30	81.0	142.7	558,600	558,600
32	80.2	142.3	557,500	557,600
34	79.3	141.9	555,800	556,500
36	78.5	141.5	509,600	555,500
38	77.6	141.0	468,900	539,800
40	76.8	140.5	433,000	522,100
45	74.6	139.1	358,800	515,400
50	72.4	137.4	301,000	445,800
55	70.2	135.6	254,900	380,800
60	68.0	133.5	217,100	329,200
65	65.7	131.3	185,600	287,200
70	63.3	128.7	158,900	252,300
75	61.0	125.9	136,100	223,000
80	58.5	122.8	116,300	197,900
85	56.0	119.4	98,900	176,300
90	53.4	115.7	83,600	157,400
95	50.7	111.6	70,000	140,700
100	47.9	107.0	57,900	126,000
105	45.0	102.0	46,900	112,800
110	41.9	96.5	37,000	100,900
115	38.5	90.2	28,000	90,200
120	34.9	83.1	19,800	80,500
125	31.0	75.0	12,200	71,700
130	26.4	65.2		63,600
135	20.9	53.0		56,100

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	515,600	515,600
26	83.6	163.3	514,600	514,600
28	82.9	163.0	513,800	513,800
30	82.2	162.7	512,900	512,900
32	81.4	162.3	512,200	512,200
34	80.7	162.0	511,500	511,500
36	79.9	161.6	510,900	510,900
38	79.2	161.2	474,400	510,300
40	78.5	160.7	438,300	503,600
45	76.6	159.5	363,900	494,900
50	74.7	158.1	306,100	450,800
55	72.8	156.5	259,800	385,500
60	70.9	154.8	221,900	333,700
65	68.9	152.8	190,300	291,600
70	66.9	150.6	163,600	256,600
75	64.9	148.3	140,700	227,200
80	62.9	145.7	120,800	202,000
85	60.8	142.8	103,500	180,300
90	58.6	139.8	88,100	161,300
95	56.5	136.4	74,500	144,600
100	54.2	132.8	62,300	129,800
105	51.9	128.9	51,300	116,500
110	49.5	124.6	41,300	104,600
115	47.0	119.9	32,300	93,900
120	44.4	114.8	24,000	84,100
125	41.7	109.2	16,400	75,200
130	38.8	103.0		67,000
135	35.7	96.1		59,500
140	32.3	88.3		52,600
145	28.6	79.4		46,200
150	24.3	68.7		40,300
155	19.1	55.2		34,800

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



196.9 ft



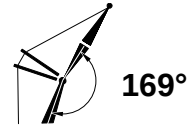
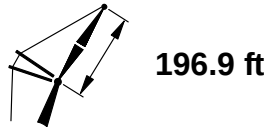
169°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	466,300	466,300
26	84.3	183.1	465,700	465,700
28	83.7	182.9	465,200	465,300
30	83.0	182.6	464,800	464,800
32	82.4	182.3	464,300	464,300
34	81.7	182.0	463,900	463,900
36	81.1	181.6	463,500	463,500
38	80.4	181.3	463,200	463,300
40	79.8	180.9	443,100	463,000
45	78.1	179.8	368,700	449,800
50	76.4	178.5	310,700	449,200
55	74.8	177.2	264,400	389,800
60	73.1	175.6	226,500	337,800
65	71.4	173.9	194,900	295,600
70	69.6	172.0	168,100	260,600
75	67.9	169.9	145,200	231,000
80	66.1	167.7	125,300	205,800
85	64.3	165.3	107,900	184,000
90	62.5	162.6	92,500	165,000
95	60.6	159.8	78,800	148,200
100	58.7	156.7	66,600	133,400
105	56.8	153.4	55,600	120,100
110	54.8	149.9	45,600	108,200
115	52.8	146.1	36,600	97,400
120	50.7	142.0	28,300	87,600
125	48.5	137.5	20,700	78,700
130	46.3	132.8	13,700	70,500
135	44.0	127.6		63,000
140	41.5	121.9		56,000
145	39.0	115.8		49,600
150	36.2	109.0		43,600
155	33.3	101.5		38,100
160	30.1	93.0		32,900
165	26.6	83.3		28,100
170	22.5	71.8		23,500
175	17.5	57.2		18,500

196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	417,100	417,100
28	84.3	202.7	416,900	416,900
30	83.7	202.4	416,700	416,700
32	83.2	202.2	416,700	416,700
34	82.6	201.9	416,500	416,500
36	82.0	201.6	416,500	416,500
38	81.4	201.3	416,400	416,400
40	80.8	200.9	416,400	416,400
45	79.3	199.9	370,800	416,400
50	77.8	198.8	312,800	416,400
55	76.3	197.6	266,400	392,000
60	74.8	196.2	228,400	339,900
65	73.3	194.7	196,700	297,600
70	71.8	193.0	169,900	262,500
75	70.2	191.2	146,900	232,900
80	68.6	189.2	127,000	207,600
85	67.1	187.1	109,600	185,700
90	65.5	184.7	94,200	166,700
95	63.8	182.3	80,500	149,900
100	62.2	179.6	68,200	135,000
105	60.5	176.7	57,200	121,600
110	58.8	173.7	47,200	109,700
115	57.1	170.4	38,100	98,900
120	55.3	167.0	29,800	89,000
125	53.5	163.2	22,200	80,100
130	51.6	159.3	15,200	71,900
135	49.7	155.0		64,300
140	47.7	150.5		57,400
145	45.7	145.6		50,900
150	43.6	140.3		44,900
155	41.4	134.7		39,400
160	39.1	128.6		34,200
165	36.7	121.9		29,300
170	34.1	114.6		24,700
175	31.3	106.5		19,400
180	28.3	97.4		14,500

MLC300 VPC-MAX S-2

ASME B30.5

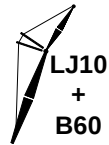


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	370,600	370,600
30	84.3	222.3	370,600	370,600
32	83.8	222.0	370,600	370,600
34	83.2	221.8	370,600	370,600
36	82.7	221.5	370,600	370,600
38	82.2	221.2	370,600	370,600
40	81.6	220.9	370,600	370,600
45	80.3	220.0	368,000	368,000
50	79.0	219.0	315,400	356,800
55	77.6	217.9	268,900	346,100
60	76.2	216.6	230,900	335,300
65	74.9	215.2	199,200	299,900
70	73.5	213.7	172,400	264,800
75	72.1	212.1	149,400	235,100
80	70.7	210.3	129,400	209,800
85	69.3	208.4	112,000	187,900
90	67.8	206.3	96,600	168,800
95	66.4	204.1	82,900	152,000
100	64.9	201.8	70,600	137,000
105	63.4	199.2	59,600	123,700
110	61.9	196.6	49,600	111,700
115	60.4	193.7	40,500	100,900
120	58.9	190.7	32,200	91,000
125	57.3	187.4	24,500	82,100
130	55.7	184.0	17,500	73,800
135	54.1	180.4	11,100	66,300
140	52.4	176.5		59,300
145	50.7	172.4		52,800
150	48.9	168.0		46,900
155	47.1	163.4		41,300
160	45.2	158.4		36,100
165	43.3	153.1		31,200
170	41.3	147.4		26,600
175	39.2	141.3		21,400
180	37.0	134.7		16,400
185	34.7	127.6		11,800

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	321,900	321,900
32	84.3	241.9	321,900	321,900
34	83.8	241.6	321,900	321,900
36	83.3	241.4	321,900	321,900
38	82.8	241.1	321,900	321,900
40	82.3	240.8	320,100	320,100
45	81.1	240.0	311,400	311,400
50	79.9	239.1	302,000	302,000
55	78.6	238.0	269,400	293,100
60	77.4	236.9	231,300	284,000
65	76.2	235.7	199,500	275,000
70	74.9	234.3	172,600	265,400
75	73.6	232.8	149,600	235,700
80	72.4	231.2	129,600	210,300
85	71.1	229.4	112,100	188,400
90	69.8	227.6	96,700	169,200
95	68.5	225.6	83,000	152,300
100	67.2	223.5	70,700	137,400
105	65.8	221.2	59,600	124,000
110	64.5	218.8	49,600	112,000
115	63.1	216.2	40,500	101,200
120	61.7	213.5	32,200	91,300
125	60.3	210.7	24,600	82,300
130	58.9	207.6	17,600	74,100
135	57.5	204.4	11,100	66,500
140	56.0	201.0		59,500
145	54.5	197.5		53,000
150	53.0	193.7		47,000
155	51.5	189.7		41,400
160	49.9	185.4		36,200
165	48.2	181.0		31,300
170	46.6	176.2		26,300
175	44.8	171.2		21,100
180	43.1	165.9		16,100
185	41.2	160.2		11,400

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



360°



196.9 ft



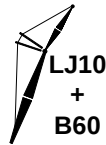
169°

255.9 ft				
34.8 ft	48.0 ft			
ft	°	ft	lb	lb
32	84.7	261.7	257,200	257,200
34	84.3	261.4	257,200	257,200
36	83.8	261.2	257,200	257,200
38	83.4	260.9	257,200	257,200
40	82.9	260.7	257,200	257,200
45	81.8	259.9	257,200	257,200
50	80.7	259.1	256,900	256,900
55	79.5	258.2	252,500	252,500
60	78.4	257.1	232,600	249,700
65	77.2	256.0	200,800	247,300
70	76.1	254.7	173,800	245,100
75	74.9	253.3	150,700	236,200
80	73.8	251.8	130,700	211,500
85	72.6	250.3	113,200	189,500
90	71.4	248.6	97,700	170,300
95	70.2	246.7	84,000	153,400
100	69.0	244.8	71,700	138,400
105	67.8	242.7	60,600	125,000
110	66.6	240.6	50,600	113,000
115	65.3	238.2	41,400	102,100
120	64.1	235.8	33,100	92,200
125	62.8	233.2	25,500	83,200
130	61.6	230.5	18,500	74,900
135	60.3	227.6	12,000	67,300
140	59.0	224.6		60,300
145	57.6	221.4		53,900
150	56.3	218.0		47,900
155	54.9	214.5		42,300
160	53.5	210.8		37,000
165	52.1	206.9		32,200
170	50.7	202.8		26,900
175	49.2	198.5		21,700
180	47.7	193.9		16,700
185	46.1	189.1		12,100

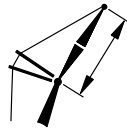
275.6 ft				
34.8 ft	48.0 ft			
ft	°	ft	lb	lb
34	84.7	281.2	209,100	209,500
36	84.3	281.0	209,100	209,500
38	83.9	280.8	209,100	209,500
40	83.4	280.5	209,100	209,500
45	82.4	279.8	209,100	209,500
50	81.3	279.1	209,100	209,500
55	80.3	278.2	209,100	209,500
60	79.2	277.2	209,100	209,500
65	78.2	276.2	200,200	209,500
70	77.1	275.0	173,200	209,500
75	76.0	273.7	150,100	204,700
80	75.0	272.4	130,100	196,100
85	73.9	270.9	112,500	187,500
90	72.8	269.3	97,000	170,100
95	71.7	267.7	83,300	153,100
100	70.6	265.9	70,900	138,100
105	69.5	264.0	59,900	124,700
110	68.3	262.0	49,800	112,600
115	67.2	259.9	40,700	101,700
120	66.1	257.6	32,400	91,800
125	64.9	255.3	24,700	82,800
130	63.8	252.8	17,700	74,500
135	62.6	250.2	11,200	66,900
140	61.4	247.4		59,900
145	60.2	244.6		53,400
150	59.0	241.5		47,400
155	57.8	238.4		41,800
160	56.5	235.1		36,600
165	55.3	231.6		31,300
170	54.0	227.9		25,800
175	52.7	224.1		20,600
180	51.3	220.1		15,600
185	50.0	215.9		11,000

MLC300 VPC-MAX S-2

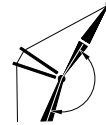
ASME B30.5



386,000 lb



216.5 ft



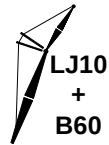
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	554,200	554,200
24	83.6	143.7	552,500	552,500
26	82.7	143.4	550,900	550,900
28	81.9	143.1	549,400	549,400
30	81.0	142.7	548,000	548,000
32	80.2	142.3	546,600	546,600
34	79.3	141.9	540,600	545,400
36	78.5	141.5	494,700	544,000
38	77.6	141.0	454,400	532,500
40	76.8	140.5	418,700	514,600
45	74.6	139.1	345,000	504,900
50	72.4	137.4	287,700	434,600
55	70.2	135.6	241,900	370,000
60	68.0	133.5	204,400	318,700
65	65.7	131.3	173,200	277,000
70	63.3	128.7	146,700	242,400
75	61.0	125.9	124,100	213,300
80	58.5	122.8	104,400	188,400
85	56.0	119.4	87,200	166,900
90	53.4	115.7	72,100	148,200
95	50.7	111.6	58,600	131,700
100	47.9	107.0	46,500	117,000
105	45.0	102.0	35,700	104,000
110	41.9	96.5	25,900	92,200
115	38.5	90.2	17,000	81,600
120	34.9	83.1		72,000
125	31.0	75.0		63,200
130	26.4	65.2		55,200
135	20.9	53.0		47,900

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	506,700	506,700
26	83.6	163.3	505,600	505,600
28	82.9	163.0	504,500	504,500
30	82.2	162.7	503,600	503,600
32	81.4	162.3	502,700	502,700
34	80.7	162.0	501,800	501,800
36	79.9	161.6	501,000	501,000
38	79.2	161.2	460,600	500,300
40	78.5	160.7	424,800	496,900
45	76.6	159.5	351,000	496,900
50	74.7	158.1	293,600	440,200
55	72.8	156.5	247,600	375,400
60	70.9	154.8	210,000	323,900
65	68.9	152.8	178,700	282,100
70	66.9	150.6	152,200	247,400
75	64.9	148.3	129,500	218,100
80	62.9	145.7	109,800	193,100
85	60.8	142.8	92,500	171,500
90	58.6	139.8	77,300	152,700
95	56.5	136.4	63,800	136,100
100	54.2	132.8	51,700	121,400
105	51.9	128.9	40,800	108,300
110	49.5	124.6	30,900	96,500
115	47.0	119.9	22,000	85,800
120	44.4	114.8	13,800	76,100
125	41.7	109.2		67,300
130	38.8	103.0		59,200
135	35.7	96.1		51,800
140	32.3	88.3		44,900
145	28.6	79.4		38,600
150	24.3	68.7		32,800
155	19.1	55.2		27,200

MLC300 VPC-MAX S-2

ASME B30.5



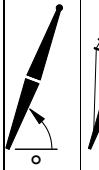
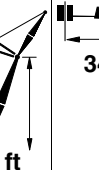
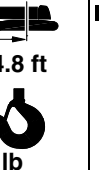
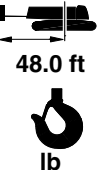
386,000 lb

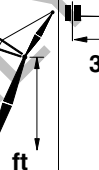
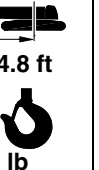


216.5 ft



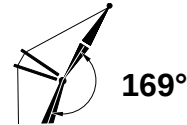
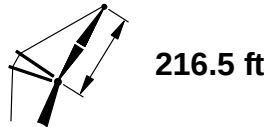
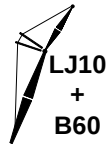
169°

177.2 ft				
				
ft	°	ft	lb	lb
24	85.0	183.3	457,900	457,900
26	84.3	183.1	457,200	457,200
28	83.7	182.9	456,600	456,600
30	83.0	182.6	456,000	456,000
32	82.4	182.3	455,400	455,400
34	81.7	182.0	454,900	454,900
36	81.1	181.6	454,400	454,400
38	80.4	181.3	454,000	454,000
40	79.8	180.9	430,200	453,600
45	78.1	179.8	356,300	447,300
50	76.4	178.5	298,800	440,200
55	74.8	177.2	252,800	380,200
60	73.1	175.6	215,200	328,600
65	71.4	173.9	183,800	286,600
70	69.6	172.0	157,300	251,800
75	67.9	169.9	134,500	222,500
80	66.1	167.7	114,800	197,400
85	64.3	165.3	97,500	175,800
90	62.5	162.6	82,300	156,900
95	60.6	159.8	68,700	140,300
100	58.7	156.7	56,600	125,500
105	56.8	153.4	45,700	112,300
110	54.8	149.9	35,800	100,500
115	52.8	146.1	26,800	89,800
120	50.7	142.0	18,600	80,100
125	48.5	137.5	11,100	71,200
130	46.3	132.8		63,100
135	44.0	127.6		55,600
140	41.5	121.9		48,800
145	39.0	115.8		42,400
150	36.2	109.0		36,500
155	33.3	101.5		31,000
160	30.1	93.0		25,900
165	26.6	83.3		20,000
170	22.5	71.8		14,500

196.9 ft				
				
ft	°	ft	lb	lb
26	84.9	202.9	409,100	409,100
28	84.3	202.7	408,800	408,800
30	83.7	202.4	408,500	408,500
32	83.2	202.2	408,300	408,300
34	82.6	201.9	408,200	408,200
36	82.0	201.6	408,000	408,000
38	81.4	201.3	408,000	408,000
40	80.8	200.9	407,900	407,900
45	79.3	199.9	359,000	407,900
50	77.8	198.8	301,400	407,700
55	76.3	197.6	255,300	382,800
60	74.8	196.2	217,600	331,100
65	73.3	194.7	186,200	289,000
70	71.8	193.0	159,600	254,100
75	70.2	191.2	136,800	224,700
80	68.6	189.2	117,000	199,600
85	67.1	187.1	99,700	177,900
90	65.5	184.7	84,400	159,000
95	63.8	182.3	70,900	142,300
100	62.2	179.6	58,700	127,500
105	60.5	176.7	47,800	114,300
110	58.8	173.7	37,900	102,400
115	57.1	170.4	28,900	91,600
120	55.3	167.0	20,700	81,900
125	53.5	163.2	13,100	73,000
130	51.6	159.3		64,900
135	49.7	155.0		57,400
140	47.7	150.5		50,500
145	45.7	145.6		44,100
150	43.6	140.3		38,100
155	41.4	134.7		32,600
160	39.1	128.6		27,400
165	36.7	121.9		21,500
170	34.1	114.6		16,000
175	31.3	106.5		10,800

MLC300 VPC-MAX S-2

ASME B30.5

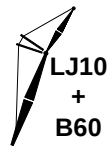


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	363,000	363,000
30	84.3	222.3	363,000	363,000
32	83.8	222.0	363,000	363,000
34	83.2	221.8	363,000	363,000
36	82.7	221.5	363,000	363,000
38	82.2	221.2	363,000	363,000
40	81.6	220.9	363,000	363,000
45	80.3	220.0	356,800	356,800
50	79.0	219.0	304,400	345,700
55	77.6	217.9	258,300	334,900
60	76.2	216.6	220,500	324,100
65	74.9	215.2	189,100	291,700
70	73.5	213.7	162,400	256,800
75	72.1	212.1	139,600	227,300
80	70.7	210.3	119,800	202,100
85	69.3	208.4	102,500	180,400
90	67.8	206.3	87,200	161,400
95	66.4	204.1	73,600	144,700
100	64.9	201.8	61,500	129,900
105	63.4	199.2	50,500	116,600
110	61.9	196.6	40,600	104,700
115	60.4	193.7	31,600	94,000
120	58.9	190.7	23,400	84,200
125	57.3	187.4	15,800	75,300
130	55.7	184.0		67,100
135	54.1	180.4		59,600
140	52.4	176.5		52,700
145	50.7	172.4		46,300
150	48.9	168.0		40,300
155	47.1	163.4		34,800
160	45.2	158.4		29,700
165	43.3	153.1		23,800
170	41.3	147.4		18,300
175	39.2	141.3		13,100

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	314,700	314,700
32	84.3	241.9	314,700	314,700
34	83.8	241.6	314,700	314,700
36	83.3	241.4	314,700	314,700
38	82.8	241.1	314,700	314,700
40	82.3	240.8	311,500	311,500
45	81.1	240.0	302,900	302,900
50	79.9	239.1	293,500	293,500
55	78.6	238.0	259,000	284,400
60	77.4	236.9	221,200	275,400
65	76.2	235.7	189,700	266,200
70	74.9	234.3	163,000	257,100
75	73.6	232.8	140,200	228,200
80	72.4	231.2	120,400	202,900
85	71.1	229.4	103,000	181,100
90	69.8	227.6	87,700	162,100
95	68.5	225.6	74,100	145,400
100	67.2	223.5	61,900	130,500
105	65.8	221.2	51,000	117,200
110	64.5	218.8	41,000	105,300
115	63.1	216.2	32,000	94,500
120	61.7	213.5	23,800	84,700
125	60.3	210.7	16,200	75,800
130	58.9	207.6		67,600
135	57.5	204.4		60,100
140	56.0	201.0		53,100
145	54.5	197.5		46,700
150	53.0	193.7		40,800
155	51.5	189.7		35,200
160	49.9	185.4		29,600
165	48.2	181.0		23,700
170	46.6	176.2		18,200
175	44.8	171.2		13,000

MLC300 VPC-MAX S-2

ASME B30.5



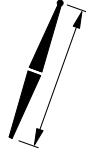
386,000 lb



216.5 ft



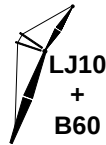
169°

 255.9 ft				
ft	°	ft	lb	lb
32	84.7	261.7	249,700	249,700
34	84.3	261.4	249,700	249,700
36	83.8	261.2	249,700	249,700
38	83.4	260.9	249,700	249,700
40	82.9	260.7	249,700	249,700
45	81.8	259.9	249,700	249,700
50	80.7	259.1	246,300	246,300
55	79.5	258.2	242,000	242,000
60	78.4	257.1	222,800	239,100
65	77.2	256.0	191,300	236,700
70	76.1	254.7	164,500	234,400
75	74.9	253.3	141,600	226,700
80	73.8	251.8	121,700	204,300
85	72.6	250.3	104,400	182,500
90	71.4	248.6	89,000	163,400
95	70.2	246.7	75,400	146,600
100	69.0	244.8	63,200	131,700
105	67.8	242.7	52,200	118,400
110	66.6	240.6	42,200	106,500
115	65.3	238.2	33,200	95,700
120	64.1	235.8	25,000	85,800
125	62.8	233.2	17,400	76,900
130	61.6	230.5	10,400	68,700
135	60.3	227.6		61,200
140	59.0	224.6		54,200
145	57.6	221.4		47,800
150	56.3	218.0		41,800
155	54.9	214.5		36,300
160	53.5	210.8		30,500
165	52.1	206.9		24,600
170	50.7	202.8		19,100
175	49.2	198.5		13,900

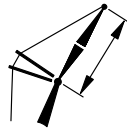
 275.6 ft				
ft	°	ft	lb	lb
34	84.7	281.2	202,300	202,700
36	84.3	281.0	202,300	202,700
38	83.9	280.8	202,300	202,700
40	83.4	280.5	202,300	202,700
45	82.4	279.8	202,300	202,700
50	81.3	279.1	202,300	202,700
55	80.3	278.2	202,300	202,700
60	79.2	277.2	202,300	202,700
65	78.2	276.2	191,000	202,700
70	77.1	275.0	164,200	202,700
75	76.0	273.7	141,200	195,300
80	75.0	272.4	121,400	186,600
85	73.9	270.9	103,900	178,000
90	72.8	269.3	88,600	163,400
95	71.7	267.7	74,900	146,600
100	70.6	265.9	62,700	131,600
105	69.5	264.0	51,700	118,300
110	68.3	262.0	41,700	106,300
115	67.2	259.9	32,700	95,500
120	66.1	257.6	24,400	85,700
125	64.9	255.3	16,800	76,700
130	63.8	252.8		68,500
135	62.6	250.2		60,900
140	61.4	247.4		54,000
145	60.2	244.6		47,500
150	59.0	241.5		41,500
155	57.8	238.4		35,800
160	56.5	235.1		29,600
165	55.3	231.6		23,700
170	54.0	227.9		18,200
175	52.7	224.1		13,000

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



236.2 ft



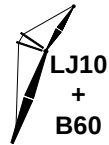
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	545,000	545,000
24	83.6	143.7	543,000	543,000
26	82.7	143.4	541,300	541,300
28	81.9	143.1	539,400	539,400
30	81.0	142.7	537,900	537,900
32	80.2	142.3	536,300	536,300
34	79.3	141.9	525,900	534,800
36	78.5	141.5	480,400	533,300
38	77.6	141.0	440,400	525,600
40	76.8	140.5	404,900	517,000
45	74.6	139.1	331,900	494,700
50	72.4	137.4	275,000	423,700
55	70.2	135.6	229,600	359,600
60	68.0	133.5	192,400	308,700
65	65.7	131.3	161,400	267,300
70	63.3	128.7	135,200	233,000
75	61.0	125.9	112,700	204,100
80	58.5	122.8	93,200	179,400
85	56.0	119.4	76,200	158,100
90	53.4	115.7	61,200	139,500
95	50.7	111.6	47,800	123,100
100	47.9	107.0	35,900	108,600
105	45.0	102.0	25,200	95,600
110	41.9	96.5	15,500	84,000
115	38.5	90.2		73,500
120	34.9	83.1		64,000
125	31.0	75.0		55,300
130	26.4	65.2		47,400
135	20.9	53.0		39,400

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	497,900	497,900
26	83.6	163.3	496,700	496,700
28	82.9	163.0	495,500	495,500
30	82.2	162.7	494,300	494,300
32	81.4	162.3	493,200	493,200
34	80.7	162.0	492,200	492,200
36	79.9	161.6	487,400	491,200
38	79.2	161.2	447,300	490,300
40	78.5	160.7	411,800	489,500
45	76.6	159.5	338,600	487,600
50	74.7	158.1	281,600	430,000
55	72.8	156.5	236,000	365,700
60	70.9	154.8	198,800	314,600
65	68.9	152.8	167,700	273,000
70	66.9	150.6	141,400	238,600
75	64.9	148.3	118,900	209,500
80	62.9	145.7	99,300	184,700
85	60.8	142.8	82,300	163,300
90	58.6	139.8	67,200	144,600
95	56.5	136.4	53,800	128,200
100	54.2	132.8	41,800	113,600
105	51.9	128.9	31,000	100,500
110	49.5	124.6	21,300	88,800
115	47.0	119.9	12,400	78,300
120	44.4	114.8		68,700
125	41.7	109.2		59,900
130	38.8	103.0		51,900
135	35.7	96.1		44,600
140	32.3	88.3		37,800
145	28.6	79.4		31,600
150	24.3	68.7		25,500
155	19.1	55.2		18,300

MLC300 VPC-MAX S-2

ASME B30.5



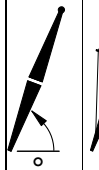
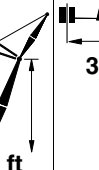
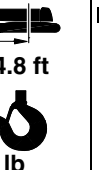
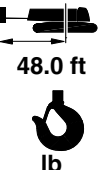
386,000 lb

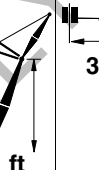
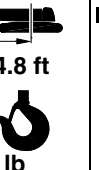
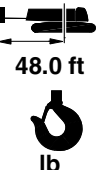


236.2 ft



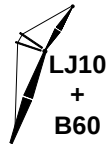
169°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	449,800	449,800
26	84.3	183.1	449,000	449,000
28	83.7	182.9	448,200	448,200
30	83.0	182.6	447,500	447,500
32	82.4	182.3	446,900	446,900
34	81.7	182.0	446,200	446,200
36	81.1	181.6	445,600	445,600
38	80.4	181.3	445,100	445,100
40	79.8	180.9	444,600	444,600
45	78.1	179.8	443,500	443,500
50	76.4	178.5	287,500	431,500
55	74.8	177.2	241,900	371,000
60	73.1	175.6	204,500	319,700
65	71.4	173.9	173,400	278,100
70	69.6	172.0	147,100	243,500
75	67.9	169.9	124,500	214,400
80	66.1	167.7	105,000	189,500
85	64.3	165.3	87,900	168,100
90	62.5	162.6	72,700	149,300
95	60.6	159.8	59,300	132,800
100	58.7	156.7	47,300	118,200
105	56.8	153.4	36,500	105,100
110	54.8	149.9	26,700	93,300
115	52.8	146.1	17,800	82,700
120	50.7	142.0		73,100
125	48.5	137.5		64,300
130	46.3	132.8		56,200
135	44.0	127.6		48,800
140	41.5	121.9		42,000
145	39.0	115.8		35,700
150	36.2	109.0		29,900
155	33.3	101.5		23,500
160	30.1	93.0		17,300
165	26.6	83.3		11,500

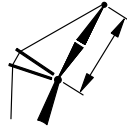
196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	401,500	401,500
28	84.3	202.7	401,100	401,200
30	83.7	202.4	400,900	400,900
32	83.2	202.2	400,600	400,600
34	82.6	201.9	400,400	400,400
36	82.0	201.6	400,100	400,100
38	81.4	201.3	400,000	400,000
40	80.8	200.9	399,800	399,800
45	79.3	199.9	347,700	399,600
50	77.8	198.8	290,500	399,300
55	76.3	197.6	244,800	374,100
60	74.8	196.2	207,400	322,700
65	73.3	194.7	176,300	280,900
70	71.8	193.0	149,900	246,300
75	70.2	191.2	127,300	217,100
80	68.6	189.2	107,700	192,100
85	67.1	187.1	90,500	170,600
90	65.5	184.7	75,400	151,800
95	63.8	182.3	61,900	135,200
100	62.2	179.6	49,900	120,500
105	60.5	176.7	39,100	107,400
110	58.8	173.7	29,300	95,600
115	57.1	170.4	20,300	84,900
120	55.3	167.0	12,200	75,300
125	53.5	163.2		66,400
130	51.6	159.3		58,400
135	49.7	155.0		50,900
140	47.7	150.5		44,100
145	45.7	145.6		37,800
150	43.6	140.3		31,900
155	41.4	134.7		25,500
160	39.1	128.6		19,200
165	36.7	121.9		13,400

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



236.2 ft



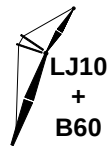
169°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	355,600	355,600
30	84.3	222.3	355,600	355,600
32	83.8	222.0	355,600	355,600
34	83.2	221.8	355,600	355,600
36	82.7	221.5	355,600	355,600
38	82.2	221.2	355,600	355,600
40	81.6	220.9	355,600	355,600
45	80.3	220.0	348,200	348,200
50	79.0	219.0	294,000	337,000
55	77.6	217.9	248,200	326,200
60	76.2	216.6	210,800	315,300
65	74.9	215.2	179,600	283,900
70	73.5	213.7	153,200	249,200
75	72.1	212.1	130,500	220,000
80	70.7	210.3	110,900	195,000
85	69.3	208.4	93,800	173,400
90	67.8	206.3	78,600	154,500
95	66.4	204.1	65,100	137,900
100	64.9	201.8	53,100	123,200
105	63.4	199.2	42,200	110,100
110	61.9	196.6	32,400	98,300
115	60.4	193.7	23,500	87,600
120	58.9	190.7	15,300	77,900
125	57.3	187.4		69,000
130	55.7	184.0		60,900
135	54.1	180.4		53,500
140	52.4	176.5		46,600
145	50.7	172.4		40,300
150	48.9	168.0		34,400
155	47.1	163.4		28,100
160	45.2	158.4		21,900
165	43.3	153.1		16,100
170	41.3	147.4		10,600

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	307,600	307,600
32	84.3	241.9	307,600	307,600
34	83.8	241.6	307,600	307,600
36	83.3	241.4	307,600	307,600
38	82.8	241.1	306,800	306,800
40	82.3	240.8	303,400	303,400
45	81.1	240.0	294,600	294,600
50	79.9	239.1	285,100	285,100
55	78.6	238.0	249,300	276,100
60	77.4	236.9	211,800	267,000
65	76.2	235.7	180,600	257,800
70	74.9	234.3	154,100	248,600
75	73.6	232.8	131,400	221,100
80	72.4	231.2	111,800	196,100
85	71.1	229.4	94,600	174,400
90	69.8	227.6	79,400	155,500
95	68.5	225.6	65,900	138,900
100	67.2	223.5	53,800	124,100
105	65.8	221.2	43,000	110,900
110	64.5	218.8	33,100	99,100
115	63.1	216.2	24,200	88,400
120	61.7	213.5	16,000	78,700
125	60.3	210.7		69,800
130	58.9	207.6		61,700
135	57.5	204.4		54,200
140	56.0	201.0		47,300
145	54.5	197.5		41,000
150	53.0	193.7		35,100
155	51.5	189.7		28,400
160	49.9	185.4		22,200
165	48.2	181.0		16,400
170	46.6	176.2		10,900

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



236.2 ft



169°

ft	°	ft	lb	lb
32	84.7	261.7	242,700	242,700
34	84.3	261.4	242,700	242,700
36	83.8	261.2	242,700	242,700
38	83.4	260.9	242,700	242,700
40	82.9	260.7	242,700	242,700
45	81.8	259.9	242,700	242,700
50	80.7	259.1	238,200	238,200
55	79.5	258.2	233,900	233,900
60	78.4	257.1	213,700	231,100
65	77.2	256.0	182,400	228,600
70	76.1	254.7	155,900	226,200
75	74.9	253.3	133,200	217,200
80	73.8	251.8	113,500	197,700
85	72.6	250.3	96,200	176,000
90	71.4	248.6	81,000	157,100
95	70.2	246.7	67,500	140,400
100	69.0	244.8	55,400	125,600
105	67.8	242.7	44,500	112,400
110	66.6	240.6	34,600	100,500
115	65.3	238.2	25,700	89,800
120	64.1	235.8	17,500	80,000
125	62.8	233.2	10,000	71,100
130	61.6	230.5		63,000
135	60.3	227.6		55,500
140	59.0	224.6		48,600
145	57.6	221.4		42,200
150	56.3	218.0		36,200
155	54.9	214.5		29,500
160	53.5	210.8		23,300
165	52.1	206.9		17,500
170	50.7	202.8		12,000

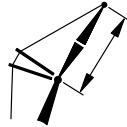
ft	°	ft	lb	lb
34	84.7	281.2	195,600	196,000
36	84.3	281.0	195,600	196,000
38	83.9	280.8	195,600	196,000
40	83.4	280.5	195,600	196,000
45	82.4	279.8	195,600	196,000
50	81.3	279.1	195,600	196,000
55	80.3	278.2	195,600	196,000
60	79.2	277.2	195,600	196,000
65	78.2	276.2	182,400	196,000
70	77.1	275.0	155,800	194,800
75	76.0	273.7	133,000	186,100
80	75.0	272.4	113,300	177,500
85	73.9	270.9	96,100	168,900
90	72.8	269.3	80,800	157,200
95	71.7	267.7	67,300	140,500
100	70.6	265.9	55,200	125,700
105	69.5	264.0	44,300	112,500
110	68.3	262.0	34,400	100,600
115	67.2	259.9	25,400	89,800
120	66.1	257.6	17,200	80,000
125	64.9	255.3		71,100
130	63.8	252.8		63,000
135	62.6	250.2		55,500
140	61.4	247.4		48,600
145	60.2	244.6		42,200
150	59.0	241.5		35,500
155	57.8	238.4		28,800
160	56.5	235.1		22,600
165	55.3	231.6		16,800
170	54.0	227.9		11,400

MLC300 VPC-MAX S-2

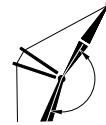
ASME B30.5



386,000 lb



255.9 ft



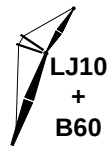
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	534,300	534,300
24	83.6	143.7	532,100	532,100
26	82.7	143.4	530,100	530,100
28	81.9	143.1	528,000	528,000
30	81.0	142.7	526,100	526,100
32	80.2	142.3	524,200	524,200
34	79.3	141.9	509,300	522,400
36	78.5	141.5	464,200	520,600
38	77.6	141.0	424,500	517,500
40	76.8	140.5	389,400	517,400
45	74.6	139.1	316,900	483,000
50	72.4	137.4	260,500	411,400
55	70.2	135.6	215,500	347,800
60	68.0	133.5	178,600	297,300
65	65.7	131.3	147,900	256,300
70	63.3	128.7	121,900	222,200
75	61.0	125.9	99,700	193,600
80	58.5	122.8	80,400	169,100
85	56.0	119.4	63,500	147,900
90	53.4	115.7	48,600	129,500
95	50.7	111.6	35,400	113,300
100	47.9	107.0	23,600	98,900
105	45.0	102.0	13,000	86,100
110	41.9	96.5		74,500
115	38.5	90.2		64,200
120	34.9	83.1		54,800
125	31.0	75.0		46,200
130	26.4	65.2		38,400
135	20.9	53.0		28,000

157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	487,800	487,800
26	83.6	163.3	486,400	486,400
28	82.9	163.0	485,000	485,000
30	82.2	162.7	483,700	483,700
32	81.4	162.3	482,400	482,400
34	80.7	162.0	481,200	481,200
36	79.9	161.6	472,000	480,000
38	79.2	161.2	432,300	478,900
40	78.5	160.7	397,100	477,800
45	76.6	159.5	324,500	475,500
50	74.7	158.1	268,000	418,500
55	72.8	156.5	222,800	354,600
60	70.9	154.8	185,900	303,900
65	68.9	152.8	155,100	262,700
70	66.9	150.6	129,000	228,500
75	64.9	148.3	106,700	199,700
80	62.9	145.7	87,300	175,100
85	60.8	142.8	70,400	153,900
90	58.6	139.8	55,500	135,300
95	56.5	136.4	42,200	119,000
100	54.2	132.8	30,400	104,500
105	51.9	128.9	19,700	91,600
110	49.5	124.6	10,000	80,000
115	47.0	119.9		69,600
120	44.4	114.8		60,100
125	41.7	109.2		51,400
130	38.8	103.0		43,500
135	35.7	96.1		36,200
140	32.3	88.3		29,300
145	28.6	79.4		21,700
150	24.3	68.7		14,800

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



255.9 ft



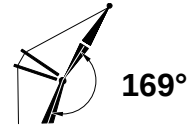
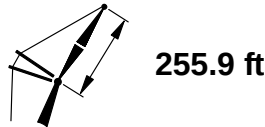
169°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	440,500	440,500
26	84.3	183.1	439,700	439,700
28	83.7	182.9	438,700	438,700
30	83.0	182.6	438,000	438,000
32	82.4	182.3	437,200	437,200
34	81.7	182.0	436,400	436,400
36	81.1	181.6	435,700	435,700
38	80.4	181.3	435,000	435,000
40	79.8	180.9	403,800	434,400
45	78.1	179.8	331,100	433,000
50	76.4	178.5	274,600	421,600
55	74.8	177.2	229,300	360,500
60	73.1	175.6	192,300	309,700
65	71.4	173.9	161,500	268,300
70	69.6	172.0	135,400	234,000
75	67.9	169.9	113,000	205,100
80	66.1	167.7	93,700	180,500
85	64.3	165.3	76,700	159,200
90	62.5	162.6	61,700	140,600
95	60.6	159.8	48,400	124,200
100	58.7	156.7	36,500	109,700
105	56.8	153.4	25,800	96,700
110	54.8	149.9	16,200	85,000
115	52.8	146.1		74,500
120	50.7	142.0		65,000
125	48.5	137.5		56,300
130	46.3	132.8		48,300
135	44.0	127.6		41,000
140	41.5	121.9		34,200
145	39.0	115.8		27,100
150	36.2	109.0		20,000
155	33.3	101.5		13,500

196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	392,400	392,400
28	84.3	202.7	392,000	392,000
30	83.7	202.4	391,700	391,700
32	83.2	202.2	391,300	391,300
34	82.6	201.9	391,000	391,000
36	82.0	201.6	390,700	390,700
38	81.4	201.3	390,400	390,400
40	80.8	200.9	390,200	390,200
45	79.3	199.9	334,800	389,800
50	77.8	198.8	278,100	389,000
55	76.3	197.6	232,800	364,100
60	74.8	196.2	195,800	313,100
65	73.3	194.7	164,900	271,600
70	71.8	193.0	138,700	237,200
75	70.2	191.2	116,300	208,200
80	68.6	189.2	96,900	183,500
85	67.1	187.1	79,900	162,100
90	65.5	184.7	64,900	143,500
95	63.8	182.3	51,600	127,000
100	62.2	179.6	39,700	112,400
105	60.5	176.7	28,900	99,400
110	58.8	173.7	19,200	87,700
115	57.1	170.4	10,400	77,200
120	55.3	167.0		67,600
125	53.5	163.2		58,800
130	51.6	159.3		50,800
135	49.7	155.0		43,500
140	47.7	150.5		36,700
145	45.7	145.6		29,600
150	43.6	140.3		22,500
155	41.4	134.7		15,900

MLC300 VPC-MAX S-2

ASME B30.5

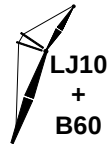


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	346,800	346,800
30	84.3	222.3	346,800	346,800
32	83.8	222.0	346,800	346,800
34	83.2	221.8	346,700	346,700
36	82.7	221.5	346,700	346,700
38	82.2	221.2	346,700	346,700
40	81.6	220.9	346,700	346,700
45	80.3	220.0	338,200	338,200
50	79.0	219.0	282,000	326,900
55	77.6	217.9	236,600	316,000
60	76.2	216.6	199,500	305,200
65	74.9	215.2	168,600	275,000
70	73.5	213.7	142,500	240,600
75	72.1	212.1	120,000	211,500
80	70.7	210.3	100,600	186,700
85	69.3	208.4	83,600	165,300
90	67.8	206.3	68,600	146,600
95	66.4	204.1	55,200	130,100
100	64.9	201.8	43,300	115,500
105	63.4	199.2	32,500	102,500
110	61.9	196.6	22,800	90,700
115	60.4	193.7	14,000	80,100
120	58.9	190.7		70,500
125	57.3	187.4		61,800
130	55.7	184.0		53,700
135	54.1	180.4		46,300
140	52.4	176.5		39,500
145	50.7	172.4		32,600
150	48.9	168.0		25,600
155	47.1	163.4		19,000
160	45.2	158.4		12,800

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	299,200	299,200
32	84.3	241.9	299,200	299,200
34	83.8	241.6	299,200	299,200
36	83.3	241.4	299,200	299,200
38	82.8	241.1	297,100	297,100
40	82.3	240.8	293,700	293,700
45	81.1	240.0	285,000	285,000
50	79.9	239.1	275,500	275,500
55	78.6	238.0	238,100	266,400
60	77.4	236.9	201,000	257,200
65	76.2	235.7	170,000	247,900
70	74.9	234.3	143,800	238,700
75	73.6	232.8	121,300	213,000
80	72.4	231.2	101,800	188,100
85	71.1	229.4	84,800	166,600
90	69.8	227.6	69,800	147,900
95	68.5	225.6	56,400	131,400
100	67.2	223.5	44,400	116,700
105	65.8	221.2	33,700	103,600
110	64.5	218.8	23,900	91,900
115	63.1	216.2	15,000	81,300
120	61.7	213.5		71,600
125	60.3	210.7		62,800
130	58.9	207.6		54,800
135	57.5	204.4		47,400
140	56.0	201.0		40,500
145	54.5	197.5		33,300
150	53.0	193.7		26,200
155	51.5	189.7		19,600
160	49.9	185.4		13,400

MLC300 VPC-MAX S-2

ASME B30.5



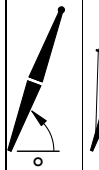
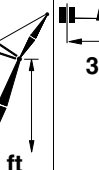
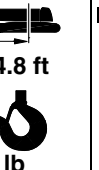
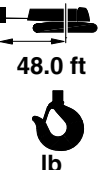
386,000 lb

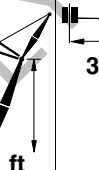
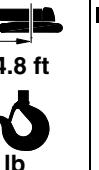
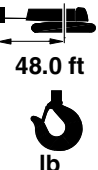


255.9 ft



169°

255.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
32	84.7	261.7	234,400	234,400
34	84.3	261.4	234,400	234,400
36	83.8	261.2	234,400	234,400
38	83.4	260.9	234,400	234,400
40	82.9	260.7	234,400	234,400
45	81.8	259.9	234,400	234,400
50	80.7	259.1	228,800	228,800
55	79.5	258.2	224,600	224,600
60	78.4	257.1	203,200	221,700
65	77.2	256.0	172,100	219,100
70	76.1	254.7	145,900	216,700
75	74.9	253.3	123,300	206,300
80	73.8	251.8	103,800	190,000
85	72.6	250.3	86,700	168,500
90	71.4	248.6	71,700	149,700
95	70.2	246.7	58,300	133,100
100	69.0	244.8	46,300	118,400
105	67.8	242.7	35,500	105,300
110	66.6	240.6	25,700	93,500
115	65.3	238.2	16,900	82,900
120	64.1	235.8		73,200
125	62.8	233.2		64,400
130	61.6	230.5		56,300
135	60.3	227.6		48,900
140	59.0	224.6		42,100
145	57.6	221.4		34,700
150	56.3	218.0		27,600
155	54.9	214.5		21,000
160	53.5	210.8		14,900

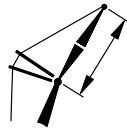
275.6 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
34	84.7	281.2	187,800	188,100
36	84.3	281.0	187,800	188,100
38	83.9	280.8	187,800	188,100
40	83.4	280.5	187,800	188,100
45	82.4	279.8	187,800	188,100
50	81.3	279.1	187,800	188,100
55	80.3	278.2	187,800	188,100
60	79.2	277.2	187,800	188,100
65	78.2	276.2	172,400	188,100
70	77.1	275.0	146,100	184,200
75	76.0	273.7	123,500	175,600
80	75.0	272.4	104,000	166,900
85	73.9	270.9	86,800	158,300
90	72.8	269.3	71,800	149,900
95	71.7	267.7	58,300	133,500
100	70.6	265.9	46,300	118,800
105	69.5	264.0	35,500	105,600
110	68.3	262.0	25,700	93,800
115	67.2	259.9	16,900	83,100
120	66.1	257.6		73,500
125	64.9	255.3		64,600
130	63.8	252.8		56,500
135	62.6	250.2		49,100
140	61.4	247.4		41,800
145	60.2	244.6		34,200
150	59.0	241.5		27,200
155	57.8	238.4		20,600
160	56.5	235.1		14,500

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



275.6 ft



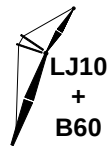
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	524,400	524,400
24	83.6	143.7	522,000	522,000
26	82.7	143.4	519,600	519,600
28	81.9	143.1	517,300	517,300
30	81.0	142.7	515,100	515,100
32	80.2	142.3	513,000	513,000
34	79.3	141.9	493,600	510,900
36	78.5	141.5	448,800	509,000
38	77.6	141.0	409,500	507,100
40	76.8	140.5	374,700	505,200
45	74.6	139.1	302,800	472,100
50	72.4	137.4	247,000	399,800
55	70.2	135.6	202,300	336,700
60	68.0	133.5	165,800	286,600
65	65.7	131.3	135,300	245,900
70	63.3	128.7	109,600	212,200
75	61.0	125.9	87,600	183,700
80	58.5	122.8	68,500	159,500
85	56.0	119.4	51,800	138,500
90	53.4	115.7	37,100	120,200
95	50.7	111.6	24,000	104,200
100	47.9	107.0	12,300	89,900
105	45.0	102.0		77,200
110	41.9	96.5		65,800
115	38.5	90.2		55,600
120	34.9	83.1		46,300
125	31.0	75.0		37,800
130	26.4	65.2		29,700
135	20.9	53.0		17,500

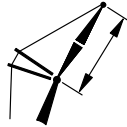
157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	478,500	478,500
26	83.6	163.3	476,900	476,900
28	82.9	163.0	475,300	475,300
30	82.2	162.7	473,800	473,800
32	81.4	162.3	472,400	472,400
34	80.7	162.0	471,000	471,000
36	79.9	161.6	457,500	469,600
38	79.2	161.2	418,100	468,400
40	78.5	160.7	383,200	467,200
45	76.6	159.5	311,200	464,400
50	74.7	158.1	255,300	407,700
55	72.8	156.5	210,500	344,300
60	70.9	154.8	173,900	294,000
65	68.9	152.8	143,400	253,100
70	66.9	150.6	117,600	219,200
75	64.9	148.3	95,400	190,600
80	62.9	145.7	76,300	166,200
85	60.8	142.8	59,500	145,100
90	58.6	139.8	44,700	126,700
95	56.5	136.4	31,600	110,600
100	54.2	132.8	19,900	96,200
105	51.9	128.9		83,400
110	49.5	124.6		71,900
115	47.0	119.9		61,600
120	44.4	114.8		52,200
125	41.7	109.2		43,600
130	38.8	103.0		35,800
135	35.7	96.1		27,400
140	32.3	88.3		19,300
145	28.6	79.4		11,900

MLC300 VPC-MAX S-2

ASME B30.5



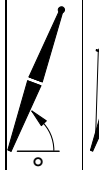
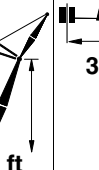
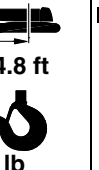
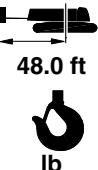
386,000 lb

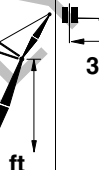
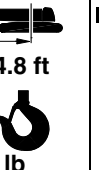
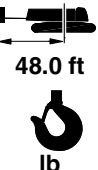


275.6 ft



169°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	431,800	431,800
26	84.3	183.1	430,700	430,700
28	83.7	182.9	429,800	429,800
30	83.0	182.6	428,800	428,800
32	82.4	182.3	427,900	427,900
34	81.7	182.0	427,100	427,100
36	81.1	181.6	426,200	426,200
38	80.4	181.3	425,500	425,500
40	79.8	180.9	390,600	424,700
45	78.1	179.8	318,500	423,000
50	76.4	178.5	262,500	412,300
55	74.8	177.2	217,700	350,700
60	73.1	175.6	181,000	300,300
65	71.4	173.9	150,400	259,300
70	69.6	172.0	124,600	225,200
75	67.9	169.9	102,400	196,600
80	66.1	167.7	83,200	172,100
85	64.3	165.3	66,400	151,000
90	62.5	162.6	51,600	132,500
95	60.6	159.8	38,500	116,300
100	58.7	156.7	26,700	101,900
105	56.8	153.4	16,100	89,000
110	54.8	149.9		77,500
115	52.8	146.1		67,000
120	50.7	142.0		57,600
125	48.5	137.5		48,900
130	46.3	132.8		41,000
135	44.0	127.6		33,400
140	41.5	121.9		25,300
145	39.0	115.8		17,800
150	36.2	109.0		10,800

196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	384,000	384,000
28	84.3	202.7	383,600	383,600
30	83.7	202.4	383,100	383,100
32	83.2	202.2	382,700	382,700
34	82.6	201.9	382,300	382,300
36	82.0	201.6	381,900	381,900
38	81.4	201.3	381,600	381,600
40	80.8	200.9	381,300	381,300
45	79.3	199.9	322,700	380,700
50	77.8	198.8	266,600	379,200
55	76.3	197.6	221,700	354,700
60	74.8	196.2	185,000	304,100
65	73.3	194.7	154,400	263,000
70	71.8	193.0	128,500	228,900
75	70.2	191.2	106,300	200,100
80	68.6	189.2	87,000	175,600
85	67.1	187.1	70,200	154,300
90	65.5	184.7	55,300	135,800
95	63.8	182.3	42,100	119,500
100	62.2	179.6	30,300	105,100
105	60.5	176.7	19,700	92,200
110	58.8	173.7	10,100	80,600
115	57.1	170.4		70,100
120	55.3	167.0		60,600
125	53.5	163.2		51,900
130	51.6	159.3		44,000
135	49.7	155.0		36,400
140	47.7	150.5		28,300
145	45.7	145.6		20,800
150	43.6	140.3		13,800

MLC300 VPC-MAX S-2

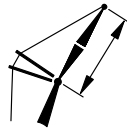
ASME B30.5



386,000 lb



360°



275.6 ft



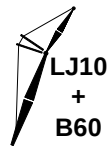
169°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	338,700	338,700
30	84.3	222.3	338,600	338,600
32	83.8	222.0	338,500	338,600
34	83.2	221.8	338,400	338,400
36	82.7	221.5	338,400	338,400
38	82.2	221.2	338,400	338,400
40	81.6	220.9	338,400	338,400
45	80.3	220.0	327,100	328,700
50	79.0	219.0	270,900	317,500
55	77.6	217.9	226,000	306,600
60	76.2	216.6	189,200	295,700
65	74.9	215.2	158,600	266,800
70	73.5	213.7	132,600	232,600
75	72.1	212.1	110,400	203,700
80	70.7	210.3	91,100	179,100
85	69.3	208.4	74,300	157,900
90	67.8	206.3	59,400	139,300
95	66.4	204.1	46,200	123,000
100	64.9	201.8	34,400	108,500
105	63.4	199.2	23,700	95,500
110	61.9	196.6	14,100	83,900
115	60.4	193.7		73,400
120	58.9	190.7		63,900
125	57.3	187.4		55,200
130	55.7	184.0		47,200
135	54.1	180.4		39,900
140	52.4	176.5		31,800
145	50.7	172.4		24,300
150	48.9	168.0		17,300
155	47.1	163.4		10,700

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	291,100	291,100
32	84.3	241.9	291,100	291,100
34	83.8	241.6	291,100	291,100
36	83.3	241.4	291,100	291,100
38	82.8	241.1	288,100	288,100
40	82.3	240.8	284,700	284,700
45	81.1	240.0	275,900	275,900
50	79.9	239.1	266,500	266,500
55	78.6	238.0	227,800	257,300
60	77.4	236.9	191,000	248,100
65	76.2	235.7	160,300	238,900
70	74.9	234.3	134,300	229,600
75	73.6	232.8	112,000	205,500
80	72.4	231.2	92,800	180,800
85	71.1	229.4	75,900	159,500
90	69.8	227.6	61,000	140,900
95	68.5	225.6	47,700	124,500
100	67.2	223.5	35,900	110,000
105	65.8	221.2	25,200	97,000
110	64.5	218.8	15,600	85,300
115	63.1	216.2		74,800
120	61.7	213.5		65,200
125	60.3	210.7		56,500
130	58.9	207.6		48,500
135	57.5	204.4		40,900
140	56.0	201.0		32,800
145	54.5	197.5		25,200
150	53.0	193.7		18,200
155	51.5	189.7		11,700

MLC300 VPC-MAX S-2

ASME B30.5



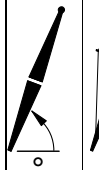
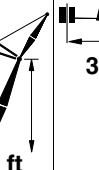
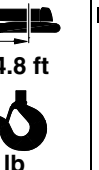
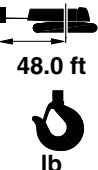
386,000 lb

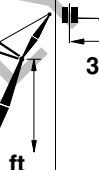
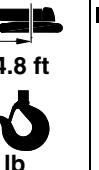
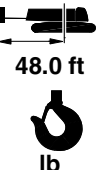


275.6 ft



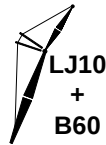
169°

255.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
32	84.7	261.7	226,500	226,500
34	84.3	261.4	226,500	226,500
36	83.8	261.2	226,500	226,500
38	83.4	260.9	226,500	226,500
40	82.9	260.7	226,500	226,500
45	81.8	259.9	226,500	226,500
50	80.7	259.1	220,000	220,000
55	79.5	258.2	215,800	215,800
60	78.4	257.1	193,500	212,900
65	77.2	256.0	162,700	210,200
70	76.1	254.7	136,700	206,700
75	74.9	253.3	114,400	196,200
80	73.8	251.8	95,100	183,000
85	72.6	250.3	78,100	161,600
90	71.4	248.6	63,200	142,900
95	70.2	246.7	49,900	126,500
100	69.0	244.8	38,100	111,900
105	67.8	242.7	27,400	98,900
110	66.6	240.6	17,700	87,200
115	65.3	238.2		76,700
120	64.1	235.8		67,100
125	62.8	233.2		58,300
130	61.6	230.5		50,300
135	60.3	227.6		42,600
140	59.0	224.6		34,400
145	57.6	221.4		26,900
150	56.3	218.0		19,900
155	54.9	214.5		13,400

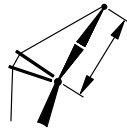
275.6 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
34	84.7	281.2	179,700	180,000
36	84.3	281.0	179,700	180,000
38	83.9	280.8	179,700	180,000
40	83.4	280.5	179,700	180,000
45	82.4	279.8	179,700	180,000
50	81.3	279.1	179,700	180,000
55	80.3	278.2	179,700	180,000
60	79.2	277.2	179,700	180,000
65	78.2	276.2	163,200	178,600
70	77.1	275.0	137,200	174,600
75	76.0	273.7	114,800	166,000
80	75.0	272.4	95,500	157,400
85	73.9	270.9	78,500	148,900
90	72.8	269.3	63,600	140,500
95	71.7	267.7	50,300	127,100
100	70.6	265.9	38,400	112,500
105	69.5	264.0	27,700	99,400
110	68.3	262.0	18,000	87,700
115	67.2	259.9		77,100
120	66.1	257.6		67,500
125	64.9	255.3		58,700
130	63.8	252.8		50,700
135	62.6	250.2		42,400
140	61.4	247.4		34,300
145	60.2	244.6		26,800
150	59.0	241.5		19,800
155	57.8	238.4		13,300

MLC300 VPC-MAX S-2

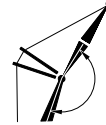
ASME B30.5



386,000 lb



295.3 ft



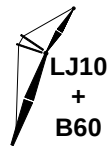
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	512,400	512,600
24	83.6	143.7	509,800	509,900
26	82.7	143.4	507,100	507,300
28	81.9	143.1	504,500	504,700
30	81.0	142.7	502,000	502,200
32	80.2	142.3	499,600	499,800
34	79.3	141.9	475,600	497,500
36	78.5	141.5	431,300	495,200
38	77.6	141.0	392,300	493,000
40	76.8	140.5	357,800	490,800
45	74.6	139.1	286,700	459,500
50	72.4	137.4	231,300	386,500
55	70.2	135.6	187,100	324,000
60	68.0	133.5	150,900	274,400
65	65.7	131.3	120,800	234,000
70	63.3	128.7	95,400	200,600
75	61.0	125.9	73,500	172,400
80	58.5	122.8	54,700	148,400
85	56.0	119.4	38,200	127,600
90	53.4	115.7	23,600	109,500
95	50.7	111.6	10,700	93,600
100	47.9	107.0		79,500
105	45.0	102.0		66,900
110	41.9	96.5		55,700
115	38.5	90.2		45,500
120	34.9	83.1		36,300
125	31.0	75.0		26,100
130	26.4	65.2		16,900

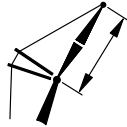
157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	467,400	467,400
26	83.6	163.3	465,600	465,600
28	82.9	163.0	463,800	463,800
30	82.2	162.7	462,100	462,100
32	81.4	162.3	460,500	460,500
34	80.7	162.0	458,900	458,900
36	79.9	161.6	440,900	457,400
38	79.2	161.2	401,900	455,900
40	78.5	160.7	367,300	454,500
45	76.6	159.5	296,000	451,200
50	74.7	158.1	240,600	395,200
55	72.8	156.5	196,300	332,400
60	70.9	154.8	160,000	282,500
65	68.9	152.8	129,800	241,900
70	66.9	150.6	104,200	208,300
75	64.9	148.3	82,400	180,000
80	62.9	145.7	63,400	155,800
85	60.8	142.8	46,800	135,000
90	58.6	139.8	32,200	116,800
95	56.5	136.4	19,200	100,700
100	54.2	132.8		86,500
105	51.9	128.9		73,900
110	49.5	124.6		62,500
115	47.0	119.9		52,200
120	44.4	114.8		42,900
125	41.7	109.2		33,600
130	38.8	103.0		24,200
135	35.7	96.1		15,600

MLC300 VPC-MAX S-2

ASME B30.5



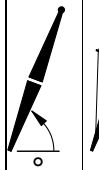
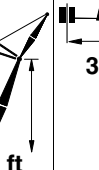
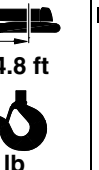
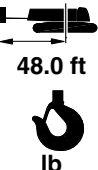
386,000 lb

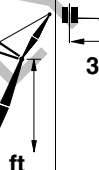
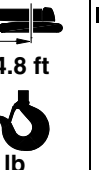
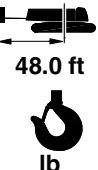


295.3 ft



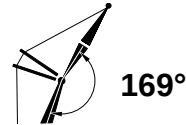
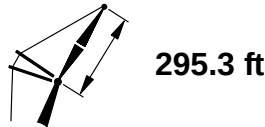
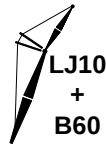
169°

177.2 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
24	85.0	183.3	421,100	421,100
26	84.3	183.1	420,000	420,000
28	83.7	182.9	418,900	418,900
30	83.0	182.6	417,800	417,900
32	82.4	182.3	416,800	416,800
34	81.7	182.0	415,800	415,800
36	81.1	181.6	414,800	414,800
38	80.4	181.3	410,000	414,000
40	79.8	180.9	375,400	413,000
45	78.1	179.8	304,000	411,000
50	76.4	178.5	248,500	401,500
55	74.8	177.2	204,200	339,400
60	73.1	175.6	167,900	289,400
65	71.4	173.9	137,600	248,700
70	69.6	172.0	112,000	215,000
75	67.9	169.9	90,100	186,600
80	66.1	167.7	71,100	162,300
85	64.3	165.3	54,500	141,400
90	62.5	162.6	39,800	123,100
95	60.6	159.8	26,800	107,000
100	58.7	156.7	15,200	92,700
105	56.8	153.4		80,000
110	54.8	149.9		68,600
115	52.8	146.1		58,200
120	50.7	142.0		48,900
125	48.5	137.5		40,300
130	46.3	132.8		31,000
135	44.0	127.6		22,300
140	41.5	121.9		14,300

196.9 ft				
 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb
26	84.9	202.9	373,800	373,800
28	84.3	202.7	373,200	373,200
30	83.7	202.4	372,700	372,700
32	83.2	202.2	372,200	372,200
34	82.6	201.9	371,700	371,700
36	82.0	201.6	371,300	371,300
38	81.4	201.3	370,800	370,900
40	80.8	200.9	370,500	370,500
45	79.3	199.9	308,800	369,600
50	77.8	198.8	253,200	367,400
55	76.3	197.6	208,800	344,000
60	74.8	196.2	172,400	293,800
65	73.3	194.7	142,100	253,000
70	71.8	193.0	116,500	219,100
75	70.2	191.2	94,500	190,600
80	68.6	189.2	75,500	166,300
85	67.1	187.1	58,800	145,300
90	65.5	184.7	44,100	126,900
95	63.8	182.3	31,100	110,800
100	62.2	179.6	19,400	96,400
105	60.5	176.7		83,600
110	58.8	173.7		72,100
115	57.1	170.4		61,800
120	55.3	167.0		52,300
125	53.5	163.2		43,800
130	51.6	159.3		34,600
135	49.7	155.0		25,900
140	47.7	150.5		17,800
145	45.7	145.6		10,400

MLC300 VPC-MAX S-2

ASME B30.5

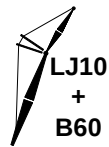


216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	328,800	328,800
30	84.3	222.3	328,700	328,700
32	83.8	222.0	328,600	328,600
34	83.2	221.8	328,500	328,500
36	82.7	221.5	328,400	328,500
38	82.2	221.2	328,400	328,400
40	81.6	220.9	325,800	325,800
45	80.3	220.0	313,600	315,100
50	79.0	219.0	258,000	303,900
55	77.6	217.9	213,500	293,000
60	76.2	216.6	177,100	282,100
65	74.9	215.2	146,800	257,200
70	73.5	213.7	121,100	223,300
75	72.1	212.1	99,100	194,700
80	70.7	210.3	80,100	170,300
85	69.3	208.4	63,400	149,200
90	67.8	206.3	48,700	130,800
95	66.4	204.1	35,600	114,600
100	64.9	201.8	23,900	100,200
105	63.4	199.2	13,400	87,400
110	61.9	196.6		75,900
115	60.4	193.7		65,500
120	58.9	190.7		56,000
125	57.3	187.4		47,400
130	55.7	184.0		38,600
135	54.1	180.4		29,900
140	52.4	176.5		21,800
145	50.7	172.4		14,400

236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	280,900	280,900
32	84.3	241.9	280,900	280,900
34	83.8	241.6	280,900	280,900
36	83.3	241.4	278,500	278,500
38	82.8	241.1	275,100	275,100
40	82.3	240.8	271,700	271,700
45	81.1	240.0	263,000	263,000
50	79.9	239.1	253,500	253,500
55	78.6	238.0	215,800	244,400
60	77.4	236.9	179,300	235,200
65	76.2	235.7	148,900	225,900
70	74.9	234.3	123,200	216,700
75	73.6	232.8	101,200	196,800
80	72.4	231.2	82,100	172,300
85	71.1	229.4	65,400	151,200
90	69.8	227.6	50,700	132,700
95	68.5	225.6	37,600	116,500
100	67.2	223.5	25,800	102,100
105	65.8	221.2	15,300	89,200
110	64.5	218.8		77,600
115	63.1	216.2		67,200
120	61.7	213.5		57,700
125	60.3	210.7		49,000
130	58.9	207.6		39,900
135	57.5	204.4		31,200
140	56.0	201.0		23,200
145	54.5	197.5		15,700

MLC300 VPC-MAX S-2

ASME B30.5



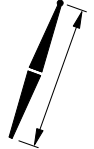
386,000 lb

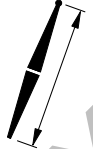


295.3 ft



169°

 255.9 ft				
ft	°	ft	lb	lb
32	84.7	261.7	216,600	216,700
34	84.3	261.4	216,600	216,700
36	83.8	261.2	216,600	216,700
38	83.4	260.9	216,600	216,700
40	82.9	260.7	216,600	216,700
45	81.8	259.9	216,600	216,700
50	80.7	259.1	209,300	209,300
55	79.5	258.2	205,200	205,200
60	78.4	257.1	182,200	202,200
65	77.2	256.0	151,700	199,500
70	76.1	254.7	126,000	194,500
75	74.9	253.3	103,900	184,000
80	73.8	251.8	84,800	173,600
85	72.6	250.3	68,000	153,500
90	71.4	248.6	53,200	135,000
95	70.2	246.7	40,100	118,700
100	69.0	244.8	28,300	104,300
105	67.8	242.7	17,800	91,400
110	66.6	240.6		79,800
115	65.3	238.2		69,300
120	64.1	235.8		59,800
125	62.8	233.2		51,100
130	61.6	230.5		41,900
135	60.3	227.6		33,200
140	59.0	224.6		25,200
145	57.6	221.4		17,800
150	56.3	218.0		10,800

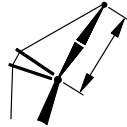
 275.6 ft				
ft	°	ft	lb	lb
34	84.7	281.2	170,300	170,700
36	84.3	281.0	170,300	170,700
38	83.9	280.8	170,300	170,700
40	83.4	280.5	170,300	170,700
45	82.4	279.8	170,300	170,700
50	81.3	279.1	170,300	170,700
55	80.3	278.2	170,300	170,700
60	79.2	277.2	170,300	170,700
65	78.2	276.2	152,500	168,300
70	77.1	275.0	126,700	162,700
75	76.0	273.7	104,600	153,900
80	75.0	272.4	85,400	144,700
85	73.9	270.9	68,700	135,700
90	72.8	269.3	53,900	126,900
95	71.7	267.7	40,700	118,300
100	70.6	265.9	29,000	105,100
105	69.5	264.0	18,400	92,100
110	68.3	262.0		80,500
115	67.2	259.9		70,000
120	66.1	257.6		60,500
125	64.9	255.3		51,400
130	63.8	252.8		42,000
135	62.6	250.2		33,300
140	61.4	247.4		25,300
145	60.2	244.6		17,900
150	59.0	241.5		11,000

MLC300 VPC-MAX S-2

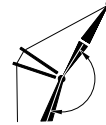
ASME B30.5



386,000 lb



315.0 ft



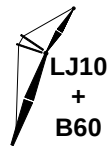
169°

137.8 ft				
ft	°	ft	lb	lb
22	84.4	143.9	500,900	500,900
24	83.6	143.7	497,900	497,900
26	82.7	143.4	495,000	495,000
28	81.9	143.1	492,000	492,000
30	81.0	142.7	489,200	489,200
32	80.2	142.3	486,500	486,500
34	79.3	141.9	483,900	483,900
36	78.5	141.5	481,300	481,300
38	77.6	141.0	478,800	478,800
40	76.8	140.5	476,300	476,300
45	74.6	139.1	471,000	471,000
50	72.4	137.4	463,000	463,000
55	70.2	135.6	453,000	453,000
60	68.0	133.5	441,000	441,000
65	65.7	131.3	427,000	427,000
70	63.3	128.7	411,000	411,000
75	61.0	125.9	393,000	393,000
80	58.5	122.8	373,000	373,000
85	56.0	119.4	351,000	351,000
90	53.4	115.7	327,000	327,000
95	50.7	111.6	301,000	301,000
100	47.9	107.0	273,000	273,000
105	45.0	102.0	243,000	243,000
110	41.9	96.5	211,000	211,000
115	38.5	90.2	177,000	177,000
120	34.9	83.1	141,000	141,000
125	31.0	75.0	103,000	103,000

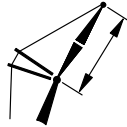
157.5 ft				
ft	°	ft	lb	lb
24	84.4	163.5	456,200	456,200
26	83.6	163.3	454,200	454,200
28	82.9	163.0	452,300	452,300
30	82.2	162.7	450,400	450,400
32	81.4	162.3	448,600	448,600
34	80.7	162.0	446,800	446,800
36	79.9	161.6	445,100	445,100
38	79.2	161.2	443,400	443,400
40	78.5	160.7	441,800	441,800
45	76.6	159.5	438,000	438,000
50	74.7	158.1	433,000	433,000
55	72.8	156.5	427,000	427,000
60	70.9	154.8	419,000	419,000
65	68.9	152.8	409,000	409,000
70	66.9	150.6	397,000	397,000
75	64.9	148.3	383,000	383,000
80	62.9	145.7	367,000	367,000
85	60.8	142.8	349,000	349,000
90	58.6	139.8	329,000	329,000
95	56.5	136.4	307,000	307,000
100	54.2	132.8	283,000	283,000
105	51.9	128.9	257,000	257,000
110	49.5	124.6	229,000	229,000
115	47.0	119.9	200,000	200,000
120	44.4	114.8	169,000	169,000
125	41.7	109.2	137,000	137,000
130	38.8	103.0	104,000	104,000

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



315.0 ft



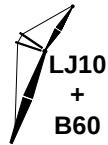
169°

177.2 ft				
ft	°	ft	lb	lb
24	85.0	183.3	410,600	410,600
26	84.3	183.1	409,300	409,300
28	83.7	182.9	408,100	408,100
30	83.0	182.6	406,900	406,900
32	82.4	182.3	405,700	405,700
34	81.7	182.0	404,600	404,600
36	81.1	181.6	403,600	403,600
38	80.4	181.3	394,900	402,500
40	79.8	180.9	360,700	401,500
45	78.1	179.8	290,100	399,200
50	76.4	178.5	235,200	391,000
55	74.8	177.2	191,200	328,600
60	73.1	175.6	155,300	279,000
65	71.4	173.9	125,400	238,700
70	69.6	172.0	100,100	205,300
75	67.9	169.9	78,400	177,100
80	66.1	167.7	59,600	153,100
85	64.3	165.3	43,200	132,300
90	62.5	162.6	28,700	114,200
95	60.6	159.8	15,800	98,300
100	58.7	156.7		84,100
105	56.8	153.4		71,500
110	54.8	149.9		60,200
115	52.8	146.1		50,000
120	50.7	142.0		40,000
125	48.5	137.5		29,800
130	46.3	132.8		20,500
135	44.0	127.6		11,900

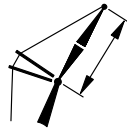
196.9 ft				
ft	°	ft	lb	lb
26	84.9	202.9	363,800	363,800
28	84.3	202.7	363,200	363,200
30	83.7	202.4	362,500	362,500
32	83.2	202.2	362,000	362,000
34	82.6	201.9	361,400	361,400
36	82.0	201.6	360,900	360,900
38	81.4	201.3	360,400	360,400
40	80.8	200.9	359,900	360,000
45	79.3	199.9	295,500	358,900
50	77.8	198.8	240,500	353,100
55	76.3	197.6	196,500	333,600
60	74.8	196.2	160,500	283,900
65	73.3	194.7	130,500	243,400
70	71.8	193.0	105,100	209,900
75	70.2	191.2	83,400	181,600
80	68.6	189.2	64,600	157,500
85	67.1	187.1	48,100	136,700
90	65.5	184.7	33,600	118,500
95	63.8	182.3	20,700	102,500
100	62.2	179.6		88,300
105	60.5	176.7		75,600
110	58.8	173.7		64,200
115	57.1	170.4		54,000
120	55.3	167.0		44,200
125	53.5	163.2		34,000
130	51.6	159.3		24,600
135	49.7	155.0		16,000

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



315.0 ft



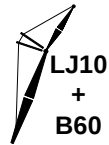
169°

216.5 ft				
ft	°	ft	lb	lb
28	84.8	222.5	318,900	318,900
30	84.3	222.3	318,700	318,700
32	83.8	222.0	318,600	318,600
34	83.2	221.8	318,300	318,300
36	82.7	221.5	318,300	318,300
38	82.2	221.2	318,100	318,200
40	81.6	220.9	314,400	314,400
45	80.3	220.0	300,800	303,900
50	79.0	219.0	245,700	292,600
55	77.6	217.9	201,700	281,800
60	76.2	216.6	165,700	270,800
65	74.9	215.2	135,700	248,000
70	73.5	213.7	110,300	214,400
75	72.1	212.1	88,500	186,100
80	70.7	210.3	69,700	161,900
85	69.3	208.4	53,200	141,000
90	67.8	206.3	38,600	122,800
95	66.4	204.1	25,700	106,700
100	64.9	201.8	14,100	92,500
105	63.4	199.2		79,800
110	61.9	196.6		68,400
115	60.4	193.7		58,000
120	58.9	190.7		48,600
125	57.3	187.4		38,400
130	55.7	184.0		29,100
135	54.1	180.4		20,500
140	52.4	176.5		12,500

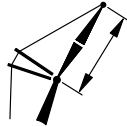
236.2 ft				
ft	°	ft	lb	lb
30	84.8	242.1	270,700	270,700
32	84.3	241.9	270,700	270,700
34	83.8	241.6	270,700	270,700
36	83.3	241.4	267,500	267,500
38	82.8	241.1	264,200	264,200
40	82.3	240.8	260,800	260,800
45	81.1	240.0	252,000	252,100
50	79.9	239.1	242,600	242,600
55	78.6	238.0	204,400	233,600
60	77.4	236.9	168,300	224,400
65	76.2	235.7	138,200	215,100
70	74.9	234.3	112,800	205,800
75	73.6	232.8	91,000	188,500
80	72.4	231.2	72,100	164,300
85	71.1	229.4	55,600	143,300
90	69.8	227.6	41,000	125,000
95	68.5	225.6	28,100	108,900
100	67.2	223.5	16,500	94,600
105	65.8	221.2		81,900
110	64.5	218.8		70,400
115	63.1	216.2		60,100
120	61.7	213.5		50,400
125	60.3	210.7		40,200
130	58.9	207.6		30,900
135	57.5	204.4		22,300
140	56.0	201.0		14,300

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



315.0 ft



169°

32	84.7	261.7	206,200	206,200
34	84.3	261.4	206,200	206,200
36	83.8	261.2	206,200	206,200
38	83.4	260.9	206,200	206,200
40	82.9	260.7	206,200	206,200
45	81.8	259.9	204,000	204,000
50	80.7	259.1	196,300	196,300
55	79.5	258.2	192,300	192,300
60	78.4	257.1	171,500	189,300
65	77.2	256.0	141,400	186,500
70	76.1	254.7	115,900	181,700
75	74.9	253.3	94,000	170,500
80	73.8	251.8	75,100	159,500
85	72.6	250.3	58,500	146,000
90	71.4	248.6	43,900	127,600
95	70.2	246.7	30,900	111,500
100	69.0	244.8	19,300	97,200
105	67.8	242.7		84,400
110	66.6	240.6		72,900
115	65.3	238.2		62,500
120	64.1	235.8		52,700
125	62.8	233.2		42,500
130	61.6	230.5		33,200
135	60.3	227.6		24,600
140	59.0	224.6		16,700

34	84.7	281.2	160,800	161,100
36	84.3	281.0	160,800	161,100
38	83.9	280.8	160,800	161,100
40	83.4	280.5	160,800	161,100
45	82.4	279.8	160,800	161,100
50	81.3	279.1	160,800	161,100
55	80.3	278.2	160,800	161,100
60	79.2	277.2	160,500	160,500
65	78.2	276.2	142,500	157,800
70	77.1	275.0	117,000	148,900
75	76.0	273.7	95,100	139,900
80	75.0	272.4	76,100	130,900
85	73.9	270.9	59,500	122,000
90	72.8	269.3	44,900	113,200
95	71.7	267.7	31,900	104,800
100	70.6	265.9	20,200	96,600
105	69.5	264.0		85,400
110	68.3	262.0		73,800
115	67.2	259.9		63,400
120	66.1	257.6		53,000
125	64.9	255.3		42,900
130	63.8	252.8		33,600
135	62.6	250.2		25,000
140	61.4	247.4		17,100