

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ10:501 on

Boom No. B60:500

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

474,100 lb VPC (Variable Position Counterweight)

360 Degree Rating

**MLC300
VPC-MAX
SERIES 3**



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

Upper luffing jib point capacity for liftcrane service with single part whip line is 36,700 lb or 73,500 lb with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves is considered part of load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Operation is only approved for boom and luffing jib angle range shown in capacity chart.

LUFFING JIB BACKWARD STABILITY: Capacities indicated by (b) require 5,000 lb minimum weight suspended beneath luffing jib point, (c) require 10,000 lb minimum weight, and (d) require 20,000 lb minimum weight. **Caution:** Do not luff into areas indicated by (b), (c), or (d) without required minimum weight. Luffing jib may not luff down and luffing jib hoist wire rope may go slack. Luffing jib hoist wire rope may overhaul luffing jib and cause wire rope damage or failure.

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. Refer to Luffing Jib Rigging **No. 81023384**, Mast Rigging **No. 81025690** or **No. 84045340**, Wire Rope Specifications chart **No. 9503-A**, Counterweight Arrangements 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 Specifications chart **No. 9500-A**.



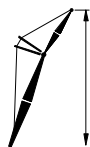
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts.



LUFFING JIB ANGLE: Luffing jib angle in degrees (°) is angle between horizontal and centerline of luffing jib butt and inserts.



LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib 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 474,100 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.

Explanation of Symbols



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



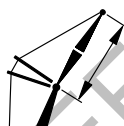
VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

Explanation of Symbols (continued)



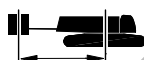
Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Elevation
(see page 1)



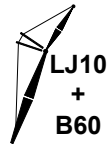
Counterweight Position
from Axis of Rotation



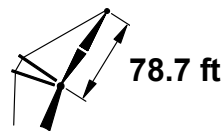
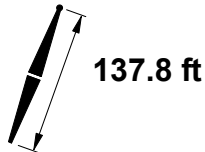
Lifting Capacities
(see page 1)

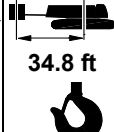
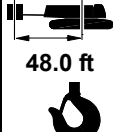
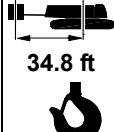
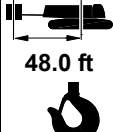
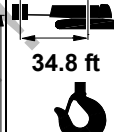
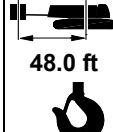
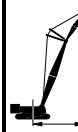
MLC300 VPC-MAX S-3

ASME B30.5



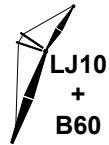
474,100 lb



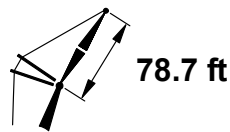
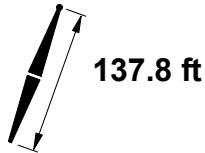
	 85°					 83°					 80°					
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft		
45	72.9	220.2	330,700 c	330,700 c											45	
50	69.0	218.3	314,400 c	314,400 c											50	
55	65.0	215.9	277,900 b	277,900 b	68.9	217.6	320,200 b	320,200 b							55	
60	60.8	213.1	249,600 b	249,600 b	64.9	215.2	304,400 b	304,400 b							60	
65	56.5	209.8	226,900	226,900	60.7	212.4	272,000 b	272,000 b	66.7	215.2	314,300 b	314,300 b			65	
70	51.9	205.9	208,300	208,300	56.3	209.1	245,600	245,600	62.6	212.6	299,500 b	299,500 b			70	
75	46.9	201.3	192,800	192,800	51.7	205.2	224,200	224,200	58.3	209.5	285,900	285,900			75	
80	41.5	195.8	179,800	179,800	46.8	200.6	206,600	206,600	53.8	205.8	263,200	263,200			80	
85	35.4	189.0	169,000	169,000	41.3	195.0	192,000	192,000	49.0	201.5	239,500	239,500			85	
90	28.0	180.3	160,100	160,100	35.2	188.2	179,700	179,700	43.8	196.4	220,100	220,100			90	
95	17.8	167.1	153,900	153,900	27.8	179.3	169,800	169,800	38.0	190.2	204,100	204,100			95	
100					17.4	166.0	157,700	157,700	31.2	182.4	190,800	190,800			100	
105									22.6	171.6	180,000	180,000			105	
110															110	
115															115	
120															120	
125															125	
130															130	
135															135	
140															140	

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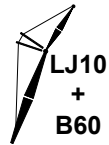
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85	59.9	207.9	259,500	294,900									85
90	55.5	204.4	242,200	282,300									90
95	50.8	200.4	226,800	270,000									95
100	45.7	195.6	213,200	247,100	56.8	201.7	206,800	264,400					100
105	40.2	189.8	201,000	225,200	52.3	197.9	195,000	249,600					105
110	33.8	182.7	190,000	206,200	47.3	193.3	184,400	236,200					110
115	26.1	173.2	180,000	189,700	42.0	187.9	174,800	224,000	53.3	194.0	169,500	218,800	115
120	14.4	158.0	168,900	168,900	35.9	181.2	166,000	212,300	48.5	189.6	161,000	208,000	120
125					28.7	172.7	157,900	195,300	43.3	184.4	153,300	198,200	125
130					18.8	160.1	150,500	180,200	37.4	178.1	146,200	189,200	130
135									30.5	170.1	139,600	180,900	135
140									21.5	158.8	133,400	173,100	140

MLC300 VPC-MAX S-3

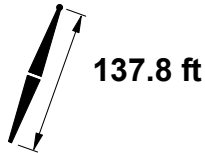
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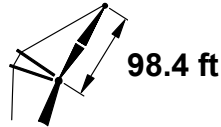
474,100 lb



360°



137.8 ft

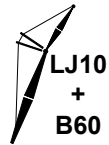


98.4 ft

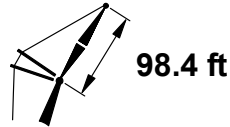
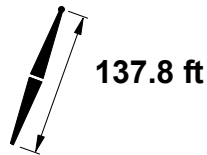
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
50	73.4	239.3	261,300 b	261,300 b									50
55	70.3	237.5	257,200 b	257,200 b									55
60	67.2	235.3	253,400	253,400	70.2	236.8	257,900 b	257,900 b					60
65	63.9	232.9	231,300	231,300	67.0	234.7	254,600	254,600					65
70	60.6	230.1	211,000	211,000	63.8	232.2	244,200	244,200	68.4	234.5	256,500	256,500	70
75	57.1	226.9	194,300	194,300	60.5	229.4	230,800	230,800	65.2	232.2	251,900	251,900	75
80	53.5	223.2	180,200	180,200	57.0	226.2	212,600	212,600	61.9	229.5	238,300	238,300	80
85	49.7	219.0	168,200	168,200	53.4	222.5	196,100	196,100	58.5	226.4	225,600	225,600	85
90	45.6	214.1	157,800	157,800	49.6	218.2	182,100	182,100	55.0	223.0	213,800	213,800	90
95	41.3	208.6	149,000	149,000	45.5	213.4	170,300	170,300	51.3	219.0	202,900	202,900	95
100	36.5	202.0	141,400	141,400	41.1	207.8	160,100	160,100	47.3	214.4	192,900	192,900	100
105	31.0	194.0	135,000	135,000	36.3	201.2	151,500	151,500	43.1	209.2	183,800	183,800	105
110	24.4	183.8	129,800	129,800	30.8	193.1	144,100	144,100	38.5	203.0	173,100	173,100	110
115	14.9	168.4	117,200	117,200	24.1	182.8	138,100	138,100	33.3	195.7	161,900	161,900	115
120					14.5	167.1	119,900	119,900	27.2	186.5	151,200	151,200	120
125									19.4	173.9	137,500	137,500	125
130													130
135													135
140													140
145													145
150													150
155													155
160													160

MLC300 VPC-MAX S-3

ASME B30.5



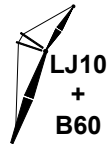
474,100 lb



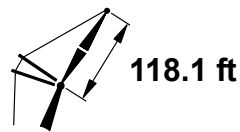
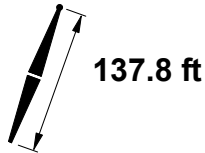
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90	63.2	227.7	241,000	243,200									90
95	59.8	224.8	225,800	231,100									95
100	56.3	221.5	212,200	219,600									100
105	52.6	217.7	200,100	208,700									105
110	48.8	213.4	189,200	198,500	57.4	218.7	183,300	222,200					110
115	44.7	208.4	179,400	189,200	53.8	215.1	173,700	212,000					115
120	40.2	202.6	170,400	179,500	50.0	210.9	165,000	202,300					120
125	35.3	195.7	162,200	167,000	46.0	206.2	157,100	193,000					125
130	29.6	187.3	154,700	155,800	41.6	200.6	149,800	184,300	50.9	207.1	145,100	188,100	130
135	22.6	176.3	145,700	145,700	36.9	194.1	143,100	171,300	46.9	202.5	138,600	179,900	135
140	11.6	158.2	129,200	129,200	31.5	186.3	136,900	159,800	42.7	197.2	132,600	172,300	140
145					24.9	176.3	131,100	149,400	38.0	190.9	127,000	165,200	145
150					15.9	161.6	125,700	139,800	32.8	183.4	121,900	158,700	150
155									26.6	174.1	117,000	152,200	155
160									18.4	160.9	112,400	142,500	160

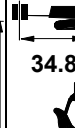
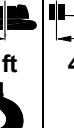
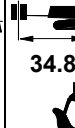
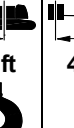
MLC300 VPC-MAX S-3

ASME B30.5



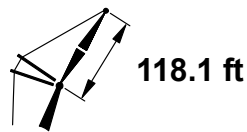
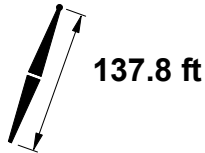
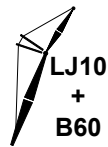
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
55	73.7	258.3	225,800 b	225,800 b									55
60	71.2	256.6	219,100	219,100									60
65	68.6	254.6	208,100	208,100	71.1	256.0	219,600	219,600					65
70	65.9	252.4	197,700	197,700	68.5	254.0	208,900	208,900					70
75	63.2	249.9	187,900	187,900	65.8	251.7	198,700	198,700					75
80	60.4	247.0	178,800	178,800	63.1	249.2	189,000	189,000	67.0	251.6	203,800	203,800	80
85	57.5	243.8	170,100	170,100	60.3	246.3	179,900	179,900	64.3	249.2	194,300	194,300	85
90	54.5	240.3	159,000	159,000	57.4	243.2	171,400	171,400	61.5	246.4	185,200	185,200	90
95	51.4	236.3	149,300	149,300	54.4	239.6	163,400	163,400	58.7	243.4	176,500	176,500	95
100	48.2	231.9	140,900	140,900	51.3	235.6	156,000	156,000	55.8	240.0	168,300	168,300	100
105	44.8	226.9	133,600	133,600	48.1	231.2	148,700	148,700	52.7	236.2	160,700	160,700	105
110	41.1	221.3	127,200	127,200	44.7	226.2	141,700	141,700	49.5	232.0	153,300	153,300	110
115	37.2	214.8	121,500	121,500	41.0	220.5	135,100	135,100	46.2	227.3	146,100	146,100	115
120	32.8	207.3	116,600	116,600	37.0	214.0	128,800	128,800	42.6	221.9	139,100	139,100	120
125	27.8	198.3	112,500	112,500	32.6	206.5	123,000	123,000	38.8	215.8	132,600	132,600	125
130	21.6	186.7	109,200	109,200	27.6	197.3	117,600	117,600	34.6	208.8	126,500	126,500	130
135	12.7	169.0	92,600	92,600	21.4	185.6	112,500	112,500	29.9	200.4	120,800	120,800	135
140					12.3	167.6	94,900	94,900	24.3	190.0	115,500	115,500	140
145									17.0	175.7	108,400	108,400	145
150													150
155													155
160													160
165													165
170													170
175													175
180													180

MLC300 VPC-MAX S-3

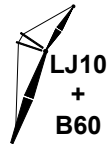
ASME B30.5



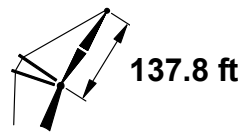
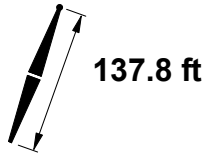
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	62.5	244.7	188,400	188,400									100
105	59.7	241.8	180,300	180,300									105
110	56.8	238.5	172,300	172,300									110
115	53.8	234.9	164,800	164,800									115
120	50.7	230.8	157,400	157,400	57.7	235.7	164,200	173,700					120
125	47.4	226.2	150,100	150,100	54.8	232.2	156,300	166,800					125
130	44.0	221.1	143,000	143,000	51.7	228.3	149,100	159,900					130
135	40.2	215.3	136,300	136,300	48.5	223.9	142,500	152,900					135
140	36.2	208.7	130,000	130,000	45.1	218.9	136,300	145,900	52.4	224.4	131,800	160,200	140
145	31.7	200.8	124,000	124,000	41.4	213.4	130,600	139,100	49.2	220.1	126,300	154,000	145
150	26.5	191.3	118,500	118,500	37.5	207.0	125,300	132,700	45.9	215.3	121,200	147,500	150
155	20.0	178.8	113,400	113,400	33.1	199.6	120,400	126,700	42.3	209.9	116,400	141,000	155
160	9.4	157.7	102,700	102,700	28.2	190.6	115,800	121,000	38.4	203.7	111,900	134,700	160
165					22.2	179.3	111,400	115,700	34.2	196.6	107,800	128,500	165
170					13.7	162.5	107,200	111,100	29.4	188.1	103,800	122,900	170
175									23.7	177.4	100,100	117,600	175
180									16.1	162.5	96,500	112,800	180

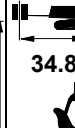
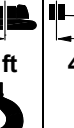
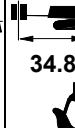
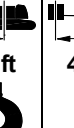
MLC300 VPC-MAX S-3

ASME B30.5



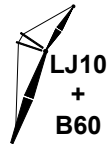
474,100 lb



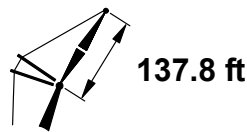
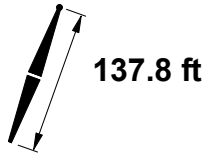
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	73.9	277.4	195,300	195,300									60
65	71.8	275.7	186,800	186,800									65
70	69.5	273.9	178,500	178,500	71.7	275.1	187,100	187,100					70
75	67.3	271.8	170,600	170,600	69.5	273.2	179,100	179,100					75
80	65.0	269.4	163,000	163,000	67.2	271.1	171,300	171,300					80
85	62.6	266.8	154,500	154,500	64.9	268.8	163,700	163,700	68.2	270.9	175,000	175,000	85
90	60.3	264.0	146,500	146,500	62.6	266.2	155,200	155,200	65.9	268.6	167,800	167,800	90
95	57.8	260.8	139,100	139,100	60.2	263.3	147,200	147,200	63.6	266.1	159,600	159,600	95
100	55.3	257.4	132,200	132,200	57.7	260.1	139,800	139,800	61.2	263.4	151,600	151,600	100
105	52.7	253.6	125,700	125,700	55.2	256.7	132,800	132,800	58.8	260.4	144,000	144,000	105
110	50.0	249.4	119,700	119,700	52.6	252.9	126,400	126,400	56.3	257.1	136,900	136,900	110
115	47.1	244.8	114,000	114,000	49.9	248.7	120,300	120,300	53.7	253.4	130,200	130,200	115
120	44.2	239.7	108,600	108,600	47.0	244.1	114,500	114,500	51.1	249.4	123,900	123,900	120
125	41.0	234.0	103,500	103,500	44.1	238.9	109,100	109,100	48.3	245.0	117,900	117,900	125
130	37.7	227.7	98,800	98,800	40.9	233.3	104,000	104,000	45.4	240.1	112,300	112,300	130
135	34.0	220.4	94,300	94,300	37.5	226.9	99,200	99,200	42.3	234.6	106,900	106,900	135
140	29.9	212.0	90,200	90,200	33.9	219.6	94,700	94,700	39.0	228.6	102,000	102,000	140
145	25.3	202.0	86,300	86,300	29.8	211.2	90,500	90,500	35.5	221.7	97,400	97,400	145
150	19.5	189.1	82,800	82,800	25.1	201.0	86,600	86,600	31.6	213.8	93,000	93,000	150
155	10.9	169.1	74,500	74,500	19.3	188.0	83,000	83,000	27.2	204.5	88,900	88,900	155
160					10.5	167.5	76,400	76,400	22.0	193.0	85,200	85,200	160
165									15.1	177.0	81,700	81,700	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

MLC300 VPC-MAX S-3

ASME B30.5



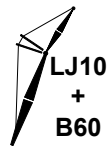
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.1	261.6	154,400	154,400									110
115	59.7	258.7	147,100	147,100									115
120	57.2	255.5	140,100	140,100									120
125	54.7	252.0	133,400	133,400									125
130	52.0	248.1	127,100	127,100	58.0	252.7	141,300	141,300					130
135	49.3	243.8	121,000	121,000	55.5	249.3	135,000	135,000					135
140	46.5	239.1	115,300	115,300	52.9	245.5	128,900	128,900					140
145	43.5	233.9	109,800	109,800	50.2	241.4	123,100	123,100					145
150	40.3	228.1	104,700	104,700	47.4	236.8	117,400	117,400	53.5	241.6	119,900	129,200	150
155	36.8	221.5	99,900	99,900	44.4	231.7	112,000	112,000	50.8	237.5	115,100	123,900	155
160	33.1	214.1	95,400	95,400	41.3	226.1	106,800	106,800	48.0	233.1	110,700	118,400	160
165	28.9	205.3	91,200	91,200	37.9	219.8	101,900	101,900	45.1	228.1	106,600	113,200	165
170	24.1	194.8	87,300	87,300	34.3	212.6	97,400	97,400	42.0	222.7	102,700	108,200	170
175	17.9	180.9	83,700	83,700	30.3	204.4	93,100	93,100	38.7	216.5	99,100	103,300	175
180	7.5	156.4	80,500	80,500	25.7	194.4	89,000	89,000	35.2	209.6	95,600	98,700	180
185					20.0	181.9	85,300	85,300	31.2	201.6	92,400	94,500	185
190					11.8	162.9	82,000	82,000	26.8	192.1	89,300	90,400	190
195									21.5	180.3	86,300	86,600	195
200									14.2	163.6	83,300	83,300	200

MLC300 VPC-MAX S-3

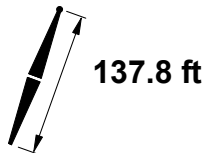
ASME B30.5



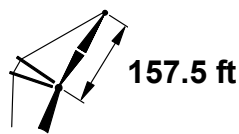
474,100 lb



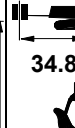
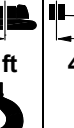
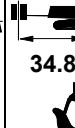
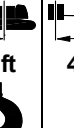
360°



137.8 ft

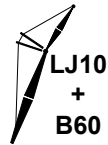


157.5 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
70	72.2	294.8	154,200	154,200									70
75	70.3	293.0	147,800	147,800									75
80	68.3	291.0	141,800	141,800	70.2	292.4	148,200	148,200					80
85	66.3	288.8	136,100	136,100	68.2	290.4	142,400	142,400					85
90	64.3	286.4	130,300	130,300	66.3	288.2	136,700	136,700					90
95	62.3	283.8	124,500	124,500	64.2	285.8	130,900	130,900	67.1	288.0	139,600	139,600	95
100	60.2	280.9	118,800	118,800	62.2	283.1	125,200	125,200	65.1	285.7	134,100	134,100	100
105	58.0	277.8	113,300	113,300	60.1	280.2	119,500	119,500	63.1	283.1	128,500	128,500	105
110	55.8	274.4	108,100	108,100	57.9	277.1	114,000	114,000	61.0	280.4	122,900	122,900	110
115	53.6	270.7	103,000	103,000	55.7	273.7	108,700	108,700	58.9	277.3	117,300	117,300	115
120	51.2	266.7	98,200	98,200	53.5	270.0	103,700	103,700	56.7	274.1	112,000	112,000	120
125	48.8	262.4	93,500	93,500	51.1	266.0	98,800	98,800	54.5	270.5	106,800	106,800	125
130	46.3	257.7	89,200	89,200	48.7	261.7	94,100	94,100	52.2	266.6	101,800	101,800	130
135	43.7	252.5	84,900	84,900	46.2	256.9	89,700	89,700	49.8	262.4	97,000	97,000	135
140	40.9	246.8	81,000	81,000	43.6	251.7	85,400	85,400	47.3	257.9	92,400	92,400	140
145	38.0	240.5	77,300	77,300	40.8	246.0	81,500	81,500	44.8	252.9	88,100	88,100	145
150	34.9	233.4	73,700	73,700	37.9	239.7	77,700	77,700	42.1	247.4	84,000	84,000	150
155	31.4	225.5	70,400	70,400	34.8	232.6	74,200	74,200	39.2	241.3	80,100	80,100	155
160	27.6	216.3	67,200	67,200	31.3	224.6	70,800	70,800	36.2	234.6	76,400	76,400	160
165	23.2	205.3	64,100	64,100	27.5	215.4	67,500	67,500	32.9	227.1	72,900	72,900	165
170	17.8	191.1	61,300	61,300	23.1	204.3	64,500	64,500	29.2	218.4	69,600	69,600	170
175	9.4	168.7	58,700	58,700	17.6	190.0	61,700	61,700	25.1	208.2	66,500	66,500	175
180					9.0	166.9	59,000	59,000	20.2	195.6	63,500	63,500	180
185									13.5	177.9	60,800	60,800	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

MLC300 VPC-MAX S-3

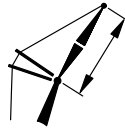
ASME B30.5



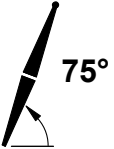
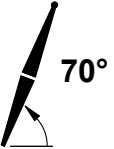
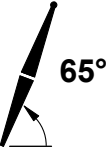
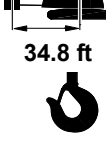
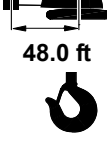
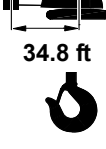
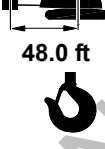
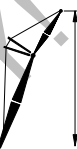
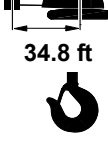
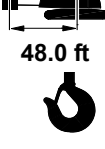
474,100 lb



137.8 ft

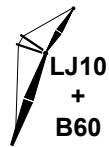


157.5 ft

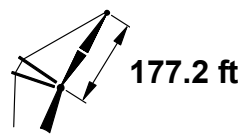
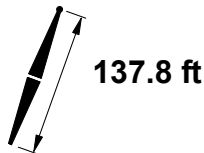
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
70															70
75															75
80															80
85															85
90															90
95															95
100															100
105															105
110															110
115	63.8	281.3		130,000	130,000										115
120	61.8	278.6		124,900	124,900										120
125	59.7	275.7		119,700	119,700										125
130	57.5	272.5		114,500	114,500										130
135	55.3	269.0		109,400	109,400										135
140	53.0	265.3		104,500	104,500	58.2	269.7	115,300	115,300						140
145	50.7	261.2		99,700	99,700	56.0	266.3	110,600	110,600						145
150	48.3	256.8		95,100	95,100	53.7	262.6	106,000	106,000						150
155	45.7	251.9		90,600	90,600	51.4	258.7	101,400	101,400						155
160	43.1	246.6		86,500	86,500	49.0	254.4	96,800	96,800						160
165	40.3	240.8		82,500	82,500	46.5	249.6	92,500	92,500	52.0	254.8	101,800	101,800		165
170	37.3	234.4		78,800	78,800	43.9	244.5	88,300	88,300	49.6	250.6	97,700	97,700		170
175	34.1	227.1		75,200	75,200	41.2	238.8	84,400	84,400	47.1	246.0	93,500	93,500		175
180	30.6	218.9		71,800	71,800	38.2	232.6	80,700	80,700	44.5	240.9	89,500	89,500		180
185	26.7	209.4		68,600	68,600	35.1	225.6	77,100	77,100	41.8	235.4	85,700	85,700		185
190	22.1	197.8		65,600	65,600	31.7	217.7	73,600	73,600	38.9	229.3	82,000	82,000		190
195	16.3	182.5		62,700	62,700	27.9	208.7	70,400	70,400	35.9	222.5	78,400	78,400		195
200	5.7	154.1		60,100	60,100	23.6	197.8	67,400	67,400	32.5	214.9	75,000	75,000		200
205						18.3	184.0	64,400	64,400	28.9	206.1	71,800	71,800		205
210						10.3	162.8	61,800	61,800	24.7	195.7	68,800	68,800		210
215										19.6	182.8	65,800	65,800		215
220										12.6	164.2	63,100	63,100		220

MLC300 VPC-MAX S-3

ASME B30.5



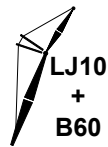
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	72.6	313.9	137,300	137,300									75
80	70.8	312.2	131,900	131,900									80
85	69.1	310.2	126,600	126,600	70.8	311.5	132,100	132,100					85
90	67.4	308.2	121,400	121,400	69.0	309.6	127,000	127,000					90
95	65.6	305.9	116,400	116,400	67.3	307.5	121,900	121,900					95
100	63.8	303.4	111,600	111,600	65.5	305.2	117,000	117,000	68.1	307.3	124,200	124,200	100
105	61.9	300.8	106,900	106,900	63.7	302.8	112,200	112,200	66.3	305.1	119,500	119,500	105
110	60.1	297.9	102,500	102,500	61.9	300.1	107,600	107,600	64.5	302.7	114,900	114,900	110
115	58.2	294.8	98,000	98,000	60.0	297.2	103,100	103,100	62.7	300.1	110,300	110,300	115
120	56.2	291.4	93,800	93,800	58.1	294.1	98,700	98,700	60.8	297.3	105,800	105,800	120
125	54.2	287.9	89,700	89,700	56.2	290.7	94,400	94,400	59.0	294.3	101,400	101,400	125
130	52.2	284.0	85,800	85,800	54.2	287.1	90,300	90,300	57.0	291.1	97,200	97,200	130
135	50.1	279.8	82,000	82,000	52.1	283.3	86,400	86,400	55.1	287.6	93,000	93,000	135
140	47.9	275.3	78,400	78,400	50.0	279.1	82,500	82,500	53.0	283.8	88,900	88,900	140
145	45.7	270.5	74,900	74,900	47.8	274.6	78,900	78,900	51.0	279.8	85,000	85,000	145
150	43.3	265.2	71,500	71,500	45.6	269.7	75,400	75,400	48.8	275.4	81,300	81,300	150
155	40.9	259.5	68,300	68,300	43.2	264.5	72,000	72,000	46.6	270.7	77,600	77,600	155
160	38.3	253.3	65,300	65,300	40.8	258.7	68,800	68,800	44.3	265.7	74,200	74,200	160
165	35.5	246.4	62,400	62,400	38.2	252.5	65,700	65,700	41.9	260.1	70,900	70,900	165
170	32.6	238.7	59,600	59,600	35.4	245.6	62,800	62,800	39.3	254.1	67,800	67,800	170
175	29.3	230.1	57,000	57,000	32.5	237.9	60,000	60,000	36.7	247.5	64,700	64,700	175
180	25.7	220.1	54,500	54,500	29.2	229.2	57,300	57,300	33.8	240.2	61,900	61,900	180
185	21.5	208.2	52,000	52,000	25.6	219.2	54,800	54,800	30.7	232.0	59,100	59,100	185
190	16.3	192.8	49,800	49,800	21.4	207.1	52,400	52,400	27.2	222.6	56,500	56,500	190
195	8.0	167.7	47,800	47,800	16.1	191.6	50,200	50,200	23.3	211.5	54,000	54,000	195
200					7.6	165.7	48,100	48,100	18.6	197.8	51,700	51,700	200
205									12.1	178.5	49,500	49,500	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

MLC300 VPC-MAX S-3

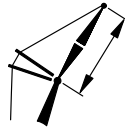
ASME B30.5



474,100 lb



137.8 ft

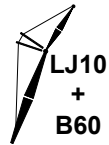


177.2 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.4	298.3	111,300	111,300									125
130	61.5	295.5	107,300	107,300									130
135	59.6	292.6	103,200	103,200									135
140	57.7	289.5	99,100	99,100									140
145	55.8	286.1	95,100	95,100									145
150	53.8	282.4	91,100	91,100	58.3	286.6	99,400	99,400					150
155	51.7	278.5	87,200	87,200	56.4	283.3	95,800	95,800					155
160	49.6	274.3	83,500	83,500	54.4	279.8	92,100	92,100					160
165	47.4	269.7	79,800	79,800	52.4	275.9	88,400	88,400					165
170	45.1	264.8	76,300	76,300	50.3	271.8	84,800	84,800					170
175	42.8	259.4	73,000	73,000	48.1	267.3	81,300	81,300	52.8	272.0	88,400	88,400	175
180	40.3	253.6	69,800	69,800	45.8	262.5	77,900	77,900	50.8	267.9	85,100	85,100	180
185	37.7	247.2	66,700	66,700	43.5	257.3	74,500	74,500	48.6	263.6	81,900	81,900	185
190	34.9	240.1	63,800	63,800	41.1	251.6	71,300	71,300	46.4	258.8	78,600	78,600	190
195	31.9	232.3	61,000	61,000	38.5	245.4	68,300	68,300	44.1	253.7	75,400	75,400	195
200	28.6	223.4	58,300	58,300	35.7	238.6	65,400	65,400	41.6	248.1	72,300	72,300	200
205	24.8	213.0	55,800	55,800	32.8	231.0	62,500	62,500	39.1	242.1	69,300	69,300	205
210	20.5	200.5	53,400	53,400	29.6	222.4	59,800	59,800	36.4	235.4	66,400	66,400	210
215	14.8	183.8	51,100	51,100	26.0	212.5	57,200	57,200	33.5	228.0	63,600	63,600	215
220	3.7	149.8	49,100	49,100	21.9	200.8	54,800	54,800	30.4	219.7	61,000	61,000	220
225					16.8	185.8	52,500	52,500	26.9	210.2	58,400	58,400	225
230					9.0	162.2	50,400	50,400	22.9	198.9	55,900	55,900	230
235									18.1	184.9	53,700	53,700	235
240									11.3	164.5	51,600	51,600	240

MLC300 VPC-MAX S-3

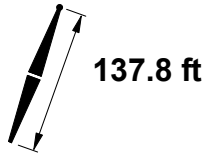
ASME B30.5



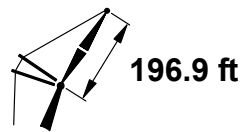
474,100 lb



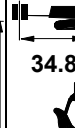
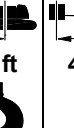
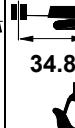
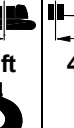
360°



137.8 ft

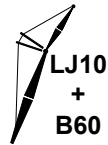


196.9 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
80	72.8	333.0	124,800	124,800									80
85	71.3	331.3	122,800	122,800									85
90	69.7	329.4	120,800	120,800	71.2	330.6	122,900	122,900					90
95	68.2	327.4	118,000	118,000	69.7	328.8	121,100	121,100					95
100	66.6	325.3	115,100	115,100	68.1	326.8	118,600	118,600					100
105	65.0	322.9	112,100	112,100	66.5	324.6	115,800	115,800	68.8	326.5	119,500	119,500	105
110	63.4	320.4	109,200	109,200	64.9	322.3	113,000	113,000	67.2	324.4	117,000	117,000	110
115	61.7	317.7	106,300	106,300	63.3	319.7	110,100	110,100	65.6	322.1	114,500	114,500	115
120	60.0	314.8	103,400	103,400	61.6	317.0	107,300	107,300	64.0	319.7	111,900	111,900	120
125	58.3	311.7	100,500	100,500	60.0	314.2	104,500	104,500	62.4	317.1	109,400	109,400	125
130	56.6	308.5	97,700	97,700	58.3	311.1	101,700	101,700	60.7	314.3	106,700	106,700	130
135	54.8	304.9	95,000	95,000	56.5	307.8	99,000	99,000	59.0	311.3	104,100	104,100	135
140	53.0	301.2	92,300	92,300	54.7	304.2	96,200	96,200	57.3	308.1	101,400	101,400	140
145	51.1	297.2	89,700	89,700	52.9	300.5	93,500	93,500	55.5	304.6	98,800	98,800	145
150	49.2	292.9	87,100	87,100	51.0	296.4	91,000	91,000	53.7	301.0	96,200	96,200	150
155	47.2	288.3	84,600	84,600	49.1	292.1	88,300	88,300	51.9	297.1	93,600	93,600	155
160	45.2	283.3	82,100	82,100	47.1	287.5	85,800	85,800	50.0	292.9	91,000	91,000	160
165	43.0	278.0	79,600	79,600	45.1	282.6	83,300	83,300	48.0	288.4	88,500	88,500	165
170	40.8	272.3	77,100	77,100	43.0	277.2	80,700	80,700	46.0	283.6	86,000	86,000	170
175	38.5	266.1	74,600	74,600	40.7	271.5	78,100	78,100	43.9	278.4	83,400	83,400	175
180	36.0	259.3	71,500	71,500	38.4	265.3	74,800	74,800	41.7	272.9	79,800	79,800	180
185	33.4	251.9	68,500	68,500	36.0	258.5	71,600	71,600	39.5	266.9	76,400	76,400	185
190	30.6	243.6	65,700	65,700	33.3	251.0	68,700	68,700	37.1	260.3	73,200	73,200	190
195	27.6	234.3	62,900	62,900	30.5	242.7	65,800	65,800	34.5	253.2	70,200	70,200	195
200	24.1	223.6	60,200	60,200	27.4	233.4	63,200	63,200	31.8	245.3	67,300	67,300	200
205	20.1	210.8	55,600	55,600	24.0	222.6	60,600	60,600	28.8	236.4	64,500	64,500	205
210	15.1	194.1	48,900	48,900	20.0	209.7	57,400	57,400	25.6	226.4	62,000	62,000	210
215	6.7	166.0	40,400	40,400	14.9	192.9	50,500	50,500	21.8	214.5	59,400	59,400	215
220					6.2	163.7	41,800	41,800	17.3	199.8	56,600	56,600	220
225									11.0	178.6	48,900	48,900	225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-3

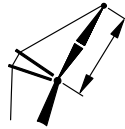
ASME B30.5



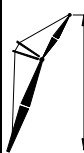
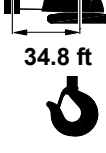
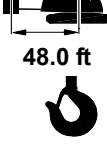
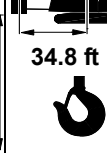
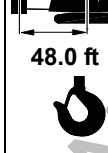
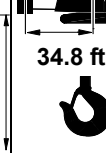
474,100 lb



137.8 ft

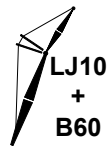


196.9 ft

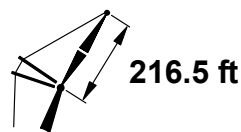
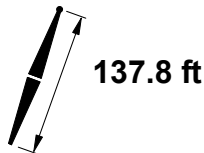
	75°				70°				65°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
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210													210
215													215
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235													235
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250													250
260													260

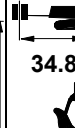
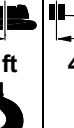
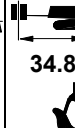
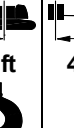
MLC300 VPC-MAX S-3

ASME B30.5



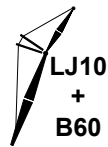
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	73.1	352.0	106,200	106,200									85
90	71.7	350.4	105,700	105,700									90
95	70.3	348.6	105,100	105,100	71.6	349.7	104,000	104,000					95
100	68.8	346.6	103,600	103,600	70.2	347.9	103,600	103,600					100
105	67.4	344.6	101,200	101,200	68.8	346.0	103,200	103,200					105
110	66.0	342.3	98,800	98,800	67.4	343.9	101,700	101,700					110
115	64.5	339.9	96,100	96,100	65.9	341.7	99,500	99,500	68.0	343.7	99,600	99,600	115
120	63.0	337.4	93,400	93,400	64.4	339.3	96,900	96,900	66.5	341.5	99,500	99,500	120
125	61.5	334.7	90,700	90,700	63.0	336.7	94,300	94,300	65.1	339.2	98,200	98,200	125
130	60.0	331.8	88,000	88,000	61.4	334.0	91,600	91,600	63.6	336.7	95,800	95,800	130
135	58.4	328.7	85,400	85,400	59.9	331.1	89,000	89,000	62.1	334.0	93,400	93,400	135
140	56.8	325.5	82,700	82,700	58.4	328.0	86,400	86,400	60.6	331.2	90,900	90,900	140
145	55.2	322.0	80,200	80,200	56.8	324.8	83,800	83,800	59.0	328.2	88,500	88,500	145
150	53.6	318.3	77,600	77,600	55.2	321.3	81,200	81,200	57.5	325.0	86,000	86,000	150
155	51.9	314.4	75,200	75,200	53.5	317.6	78,600	78,600	55.9	321.7	83,400	83,400	155
160	50.2	310.3	72,700	72,700	51.8	313.7	76,200	76,200	54.3	318.1	80,900	80,900	160
165	48.4	305.8	70,200	70,200	50.1	309.5	73,600	73,600	52.6	314.3	78,500	78,500	165
170	46.6	301.1	67,800	67,800	48.4	305.1	71,200	71,200	50.9	310.2	75,900	75,900	170
175	44.7	296.1	65,500	65,500	46.5	300.4	68,800	68,800	49.1	305.9	73,500	73,500	175
180	42.8	290.8	63,100	63,100	44.7	295.4	66,400	66,400	47.3	301.3	71,100	71,100	180
185	40.8	285.0	60,900	60,900	42.7	290.0	64,000	64,000	45.5	296.4	68,700	68,700	185
190	38.7	278.8	58,600	58,600	40.7	284.2	61,700	61,700	43.6	291.2	66,300	66,300	190
195	36.5	272.2	56,400	56,400	38.6	278.0	59,400	59,400	41.6	285.6	64,000	64,000	195
200	34.1	264.9	54,300	54,300	36.4	271.3	57,200	57,200	39.5	279.6	61,700	61,700	200
205	31.6	256.9	52,100	52,100	34.1	264.1	55,000	55,000	37.4	273.2	59,300	59,300	205
210	29.0	248.1	50,100	50,100	31.6	256.1	52,900	52,900	35.1	266.1	57,100	57,100	210
215	26.0	238.2	48,000	48,000	28.9	247.2	50,800	50,800	32.7	258.5	54,800	54,800	215
220	22.7	226.8	46,000	46,000	25.9	237.2	48,700	48,700	30.1	250.0	52,700	52,700	220
225	18.9	213.1	44,200	44,200	22.6	225.8	46,700	46,700	27.3	240.6	50,600	50,600	225
230	14.0	195.2	40,400	40,400	18.7	211.9	44,800	44,800	24.1	229.8	48,600	48,600	230
235	5.4	163.5	32,800	32,800	13.8	193.9	41,800	41,800	20.5	217.2	46,500	46,500	235
240					4.9	160.7	33,900	33,900	16.1	201.4	44,700	44,700	240
245									9.9	178.4	40,400	40,400	245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

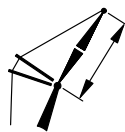
ASME B30.5



474,100 lb



137.8 ft

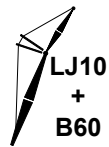


216.5 ft

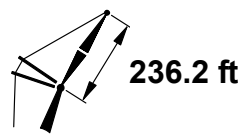
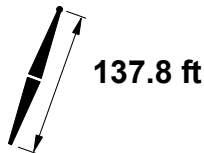
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.7	332.2	92,200	92,200									145
150	61.1	329.5	91,100	91,100									150
155	59.6	326.5	89,000	89,000									155
160	58.1	323.4	86,900	86,900									160
165	56.5	320.1	84,700	84,700									165
170	54.9	316.6	82,500	82,500	58.5	320.6	85,000	85,000					170
175	53.2	312.9	80,200	80,200	57.0	317.3	83,600	83,600					175
180	51.5	308.9	77,900	77,900	55.4	313.9	81,900	81,900					180
185	49.8	304.7	75,500	75,500	53.7	310.2	80,000	80,000					185
190	48.0	300.2	73,200	73,200	52.0	306.3	78,100	78,100					190
195	46.2	295.4	70,900	70,900	50.3	302.2	76,100	76,100					195
200	44.3	290.4	68,600	68,600	48.6	297.8	74,000	74,000	52.4	302.4	76,400	76,400	200
205	42.3	284.9	66,300	66,300	46.7	293.1	71,900	71,900	50.7	298.4	75,000	75,000	205
210	40.3	279.1	64,000	64,000	44.9	288.1	69,700	69,700	49.0	294.0	73,300	73,300	210
215	38.2	272.8	61,700	61,700	42.9	282.8	67,600	67,600	47.2	289.4	71,600	71,600	215
220	35.9	266.0	59,400	59,400	40.9	277.1	65,500	65,500	45.3	284.5	69,500	69,800	220
225	33.6	258.6	57,200	57,200	38.8	270.9	63,200	63,200	43.4	279.2	67,400	67,900	225
230	31.0	250.4	55,000	55,000	36.6	264.3	61,100	61,100	41.4	273.6	65,400	66,000	230
235	28.3	241.4	52,900	52,900	34.3	257.1	58,900	58,900	39.3	267.6	63,400	64,100	235
240	25.3	231.2	50,700	50,700	31.8	249.2	56,700	56,700	37.2	261.1	61,400	62,100	240
245	21.9	219.3	48,700	48,700	29.2	240.4	54,700	54,700	34.9	254.0	59,600	60,000	245
250	17.9	204.9	46,800	46,800	26.3	230.6	52,600	52,600	32.4	246.3	57,800	57,900	250
260					19.2	205.8	48,600	48,600	27.0	228.2	53,900	53,900	260
270					6.6	159.3	45,100	45,100	20.1	204.4	50,000	50,000	270
280									9.1	163.8	46,500	46,500	280

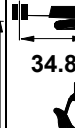
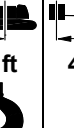
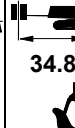
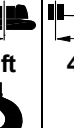
MLC300 VPC-MAX S-3

ASME B30.5



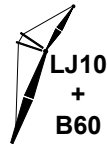
474,100 lb



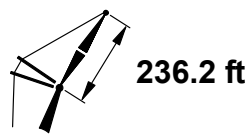
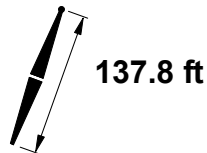
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	73.2	371.1	88,200	88,200									90
95	72.0	369.5	87,600	87,600									95
100	70.7	367.7	86,900	86,900	71.9	368.8	86,200	86,200					100
105	69.4	365.8	86,300	86,300	70.6	367.1	85,700	85,700					105
110	68.1	363.8	85,600	85,600	69.3	365.2	85,200	85,200					110
115	66.8	361.7	84,900	84,900	68.0	363.2	84,600	84,600					115
120	65.4	359.4	84,300	84,300	66.7	361.0	84,100	84,100	68.6	362.9	82,200	82,200	120
125	64.1	356.9	82,600	82,600	65.4	358.7	83,500	83,500	67.3	360.8	81,900	81,900	125
130	62.7	354.4	80,600	80,600	64.0	356.3	82,900	82,900	66.0	358.6	81,500	81,500	130
135	61.3	351.6	78,700	78,700	62.7	353.7	81,300	81,300	64.6	356.2	81,200	81,200	135
140	59.9	348.7	76,600	76,600	61.3	351.0	79,400	79,400	63.3	353.7	80,800	80,800	140
145	58.5	345.7	74,600	74,600	59.9	348.1	77,400	77,400	61.9	351.0	80,400	80,400	145
150	57.1	342.4	72,500	72,500	58.5	345.0	75,500	75,500	60.5	348.2	78,900	78,900	150
155	55.6	339.0	70,500	70,500	57.0	341.8	73,400	73,400	59.1	345.2	77,100	77,100	155
160	54.1	335.4	68,300	68,300	55.5	338.3	71,300	71,300	57.6	342.0	75,200	75,200	160
165	52.6	331.6	66,200	66,200	54.0	334.7	69,200	69,200	56.2	338.7	73,200	73,200	165
170	51.0	327.6	64,000	64,000	52.5	330.9	67,100	67,100	54.7	335.1	71,200	71,200	170
175	49.4	323.3	61,900	61,900	51.0	326.8	64,900	64,900	53.2	331.4	69,100	69,100	175
180	47.8	318.8	59,800	59,800	49.4	322.6	62,800	62,800	51.6	327.5	67,000	67,000	180
185	46.1	314.0	57,600	57,600	47.7	318.0	60,600	60,600	50.1	323.3	64,800	64,800	185
190	44.4	308.9	55,500	55,500	46.0	313.2	58,400	58,400	48.5	318.9	62,700	62,700	190
195	42.6	303.5	53,300	53,300	44.3	308.2	56,300	56,300	46.8	314.2	60,500	60,500	195
200	40.7	297.8	51,200	51,200	42.5	302.7	54,100	54,100	45.1	309.2	58,300	58,300	200
205	38.8	291.6	49,100	49,100	40.7	297.0	52,000	52,000	43.3	304.0	56,200	56,200	205
210	36.8	285.0	47,000	47,000	38.8	290.8	49,900	49,900	41.5	298.4	54,000	54,000	210
215	34.7	277.9	45,000	45,000	36.7	284.2	47,800	47,800	39.6	292.4	51,900	51,900	215
220	32.5	270.1	43,000	43,000	34.6	277.0	45,600	45,600	37.6	286.0	49,700	49,700	220
225	30.1	261.7	41,000	41,000	32.4	269.3	43,600	43,600	35.6	279.1	47,600	47,600	225
230	27.5	252.3	39,100	39,100	30.0	260.8	41,600	41,600	33.4	271.6	45,400	45,400	230
235	24.7	241.8	37,300	37,300	27.4	251.4	39,700	39,700	31.1	263.4	43,400	43,400	235
240	21.5	229.7	35,500	35,500	24.6	240.8	37,800	37,800	28.6	254.5	41,400	41,400	240
245	17.8	215.1	33,700	33,700	21.4	228.6	36,000	36,000	25.9	244.5	39,400	39,400	245
250	13.0	196.0	32,200	32,200	17.6	214.0	34,200	34,200	22.8	233.1	37,600	37,600	250
260					3.3	155.8	27,300	27,300	15.1	202.8	34,000	34,000	260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-3

ASME B30.5



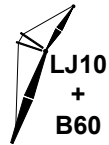
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.8	351.8	75,600	75,600									150
155	62.4	349.2	75,600	75,600									155
160	61.0	346.4	75,500	75,500									160
165	59.6	343.5	75,500	75,500									165
170	58.2	340.4	75,400	75,400									170
175	56.7	337.1	74,000	74,000									175
180	55.3	333.6	72,200	72,200	58.6	337.5	69,500	69,500					180
185	53.7	330.0	70,400	70,400	57.2	334.3	69,800	69,800					185
190	52.2	326.1	68,500	68,500	55.7	330.9	70,100	70,100					190
195	50.6	322.0	66,500	66,500	54.2	327.3	69,800	69,800					195
200	49.0	317.7	64,500	64,500	52.7	323.5	68,300	68,300					200
205	47.4	313.1	62,400	62,400	51.1	319.5	66,700	66,700					205
210	45.7	308.3	60,300	60,300	49.5	315.2	64,900	64,900	53.0	319.6	64,500	64,500	210
215	44.0	303.1	58,200	58,200	47.9	310.7	63,100	63,100	51.5	315.6	65,000	65,000	215
220	42.2	297.7	56,100	56,100	46.2	306.0	61,300	61,300	49.9	311.4	63,800	63,800	220
225	40.3	291.8	54,000	54,000	44.5	300.9	59,300	59,300	48.3	307.0	62,400	62,400	225
230	38.4	285.6	51,900	51,900	42.7	295.6	57,300	57,300	46.6	302.3	60,900	60,900	230
235	36.3	278.8	49,700	49,700	40.9	289.8	55,300	55,300	44.9	297.3	59,300	59,300	235
240	34.2	271.6	47,600	47,600	39.0	283.7	53,300	53,300	43.2	292.0	57,500	57,500	240
245	31.9	263.7	45,400	45,400	37.0	277.1	51,200	51,200	41.3	286.4	55,800	55,800	245
250	29.5	255.1	43,400	43,400	34.9	270.1	49,200	49,200	39.4	280.3	53,900	53,900	250
260	24.0	234.6	39,500	39,500	30.3	254.0	45,000	45,000	35.4	266.9	50,100	50,100	260
270	16.8	206.7	35,900	35,900	24.9	234.3	41,100	41,100	30.8	251.2	46,100	46,100	270
280					18.1	208.0	37,400	37,400	25.6	232.0	42,200	42,200	280
290					5.4	156.7	34,300	34,300	19.0	206.7	38,600	38,600	290
300									8.1	162.9	35,500	35,500	300

MLC300 VPC-MAX S-3

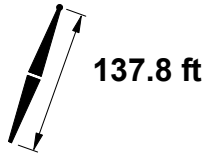
ASME B30.5



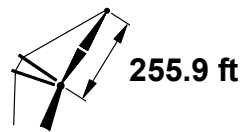
474,100 lb



360°



137.8 ft

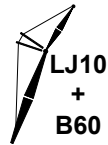


255.9 ft

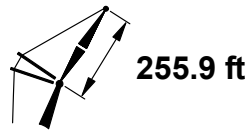
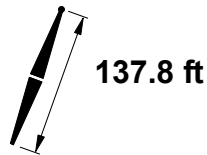
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95	73.4	390.2	73,400	73,400									95
100	72.2	388.6	72,800	72,800									100
105	71.0	386.8	72,100	72,100									105
110	69.8	385.0	71,400	71,400	71.0	386.2	71,100	71,100					110
115	68.6	383.0	70,700	70,700	69.8	384.4	70,500	70,500					115
120	67.4	381.0	70,000	70,000	68.6	382.4	69,900	69,900					120
125	66.2	378.8	69,400	69,400	67.4	380.3	69,300	69,300					125
130	65.0	376.4	68,700	68,700	66.2	378.1	68,700	68,700	67.9	380.1	67,600	67,600	130
135	63.7	374.0	68,000	68,000	64.9	375.8	68,100	68,100	66.7	377.9	67,200	67,200	135
140	62.5	371.3	67,300	67,300	63.7	373.3	67,500	67,500	65.5	375.6	66,800	66,800	140
145	61.2	368.6	66,700	66,700	62.4	370.7	66,900	66,900	64.2	373.2	66,300	66,300	145
150	59.9	365.7	66,000	66,000	61.1	367.9	66,300	66,300	63.0	370.7	65,800	65,800	150
155	58.6	362.6	65,400	65,400	59.8	365.0	65,700	65,700	61.7	368.0	65,300	65,300	155
160	57.3	359.4	64,400	64,400	58.5	362.0	65,100	65,100	60.4	365.1	64,900	64,900	160
165	55.9	356.1	62,400	62,400	57.2	358.7	64,500	64,500	59.1	362.1	64,400	64,400	165
170	54.5	352.5	60,400	60,400	55.9	355.4	63,300	63,300	57.8	359.0	63,900	63,900	170
175	53.1	348.8	58,500	58,500	54.5	351.8	61,300	61,300	56.4	355.7	63,400	63,400	175
180	51.7	344.8	56,500	56,500	53.1	348.0	59,400	59,400	55.1	352.2	62,900	62,900	180
185	50.2	340.7	54,500	54,500	51.7	344.1	57,400	57,400	53.7	348.5	61,200	61,200	185
190	48.8	336.3	52,500	52,500	50.2	339.9	55,400	55,400	52.3	344.7	59,300	59,300	190
195	47.2	331.7	50,500	50,500	48.7	335.6	53,400	53,400	50.8	340.6	57,400	57,400	195
200	45.7	326.8	48,400	48,400	47.2	331.0	51,300	51,300	49.4	336.3	55,400	55,400	200
205	44.1	321.7	46,300	46,300	45.6	326.1	49,200	49,200	47.9	331.8	53,300	53,300	205
210	42.4	316.3	44,300	44,300	44.0	320.9	47,100	47,100	46.3	327.1	51,200	51,200	210
215	40.7	310.5	42,200	42,200	42.4	315.5	45,000	45,000	44.7	322.1	49,100	49,100	215
220	38.9	304.4	40,100	40,100	40.7	309.7	42,900	42,900	43.1	316.7	47,000	47,000	220
225	37.1	297.8	38,100	38,100	38.9	303.6	40,800	40,800	41.4	311.1	44,800	44,800	225
230	35.2	290.8	36,200	36,200	37.0	297.0	38,800	38,800	39.7	305.1	42,700	42,700	230
235	33.1	283.3	34,200	34,200	35.1	290.0	36,700	36,700	37.9	298.8	40,600	40,600	235
240	31.0	275.1	32,300	32,300	33.1	282.4	34,800	34,800	36.0	292.0	38,500	38,500	240
245	28.7	266.1	30,400	30,400	30.9	274.2	32,800	32,800	34.0	284.6	36,500	36,500	245
250	26.2	256.3	28,600	28,600	28.6	265.2	30,900	30,900	31.9	276.7	34,500	34,500	250
260	20.4	232.3	25,200	25,200	23.4	244.2	27,300	27,300	27.3	258.6	30,600	30,600	260
270	12.1	196.6	22,100	22,100	16.6	215.7	23,900	23,900	21.7	236.0	27,000	27,000	270
280									14.2	203.9	23,600	23,600	280
290													290
300													300
310													310
320													320

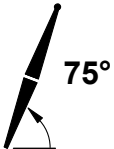
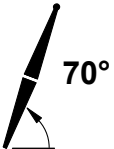
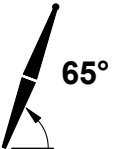
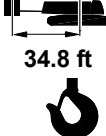
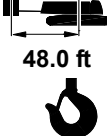
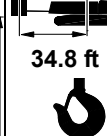
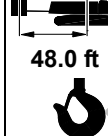
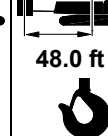
MLC300 VPC-MAX S-3

ASME B30.5



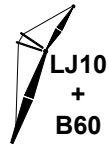
474,100 lb



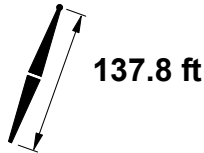
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160	63.4	368.8	62,000	62,000											160
165	62.2	366.2	61,900	61,900											165
170	60.9	363.4	61,700	61,700											170
175	59.6	360.4	61,500	61,500											175
180	58.3	357.4	61,200	61,200											180
185	56.9	354.1	61,000	61,000											185
190	55.6	350.7	60,700	60,700	58.7	354.5	56,900	56,900							190
195	54.2	347.1	60,500	60,500	57.4	351.3	56,900	56,900							195
200	52.8	343.3	60,200	60,200	56.0	347.9	57,000	57,000							200
205	51.4	339.3	58,700	58,700	54.6	344.4	57,000	57,000							205
210	49.9	335.1	56,900	56,900	53.2	340.7	57,000	57,000							210
215	48.4	330.7	55,000	55,000	51.8	336.7	57,000	57,000							215
220	46.9	326.0	53,000	53,000	50.4	332.6	56,900	56,900	53.6	336.7	52,400	52,400			220
225	45.3	321.1	51,000	51,000	48.9	328.3	55,400	55,400	52.1	332.8	52,700	52,700			225
230	43.7	315.9	48,900	48,900	47.4	323.7	53,600	53,600	50.7	328.8	53,000	53,000			230
235	42.0	310.4	46,800	46,800	45.8	318.8	51,800	51,800	49.2	324.5	53,200	53,200			235
240	40.3	304.6	44,700	44,700	44.2	313.7	49,900	49,900	47.7	319.9	52,800	52,800			240
245	38.5	298.3	42,600	42,600	42.6	308.3	48,000	48,000	46.2	315.2	51,400	51,400			245
250	36.7	291.7	40,500	40,500	40.8	302.6	45,900	45,900	44.6	310.1	49,800	49,800			250
260	32.7	276.9	36,300	36,300	37.2	290.0	41,900	41,900	41.2	299.1	46,400	46,400			260
270	28.2	259.4	32,300	32,300	33.3	275.5	37,800	37,800	37.7	286.7	42,600	42,600			270
280	22.8	237.8	28,600	28,600	28.9	258.5	33,800	33,800	33.8	272.5	38,700	38,700			280
290	15.8	208.2	25,100	25,100	23.7	237.7	29,900	29,900	29.4	255.8	34,800	34,800			290
300					17.1	209.8	26,400	26,400	24.4	235.5	31,000	31,000			300
310					4.1	153.0	23,600	23,600	18.0	208.8	27,500	27,500			310
320										7.1	161.5	24,500	24,500		320

MLC300 VPC-MAX S-3

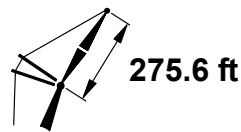
ASME B30.5



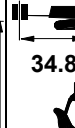
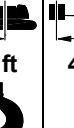
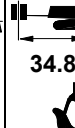
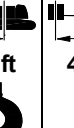
474,100 lb



137.8 ft

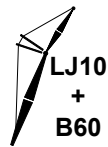


275.6 ft

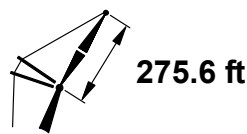
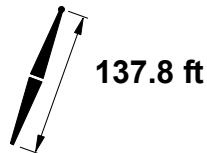
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
100	73.5	409.2	60,300	60,300									100
105	72.4	407.6	59,700	59,700									105
110	71.3	405.9	59,000	59,000									110
115	70.2	404.2	58,400	58,400	71.3	405.3	58,300	58,300					115
120	69.1	402.2	57,700	57,700	70.2	403.5	57,700	57,700					120
125	68.0	400.2	57,000	57,000	69.1	401.6	57,100	57,100					125
130	66.9	398.1	56,400	56,400	68.0	399.6	56,500	56,500					130
135	65.7	395.8	55,700	55,700	66.8	397.4	55,900	55,900	68.5	399.3	55,300	55,300	135
140	64.6	393.4	55,100	55,100	65.7	395.2	55,300	55,300	67.3	397.2	54,800	54,800	140
145	63.4	390.9	54,500	54,500	64.5	392.8	54,700	54,700	66.2	395.0	54,300	54,300	145
150	62.3	388.3	53,900	53,900	63.4	390.3	54,100	54,100	65.1	392.7	53,900	53,900	150
155	61.1	385.6	53,300	53,300	62.2	387.6	53,500	53,500	63.9	390.2	53,400	53,400	155
160	59.9	382.7	52,700	52,700	61.0	384.9	53,000	53,000	62.7	387.6	52,900	52,900	160
165	58.6	379.6	52,100	52,100	59.8	382.0	52,400	52,400	61.5	384.9	52,400	52,400	165
170	57.4	376.4	51,600	51,600	58.6	378.9	51,900	51,900	60.4	382.1	51,900	51,900	170
175	56.2	373.1	51,000	51,000	57.4	375.7	51,400	51,400	59.1	379.1	51,400	51,400	175
180	54.9	369.6	50,500	50,500	56.1	372.4	50,900	50,900	57.9	376.0	51,000	51,000	180
185	53.6	365.9	50,000	50,000	54.8	368.9	50,400	50,400	56.7	372.7	50,500	50,500	185
190	52.3	362.0	49,200	49,200	53.6	365.2	49,900	49,900	55.4	369.2	50,100	50,100	190
195	51.0	358.0	48,400	48,400	52.2	361.3	49,400	49,400	54.1	365.6	49,600	49,600	195
200	49.6	353.7	47,600	47,600	50.9	357.3	48,700	48,700	52.8	361.8	49,200	49,200	200
205	48.2	349.3	46,900	46,900	49.5	353.0	47,900	47,900	51.5	357.9	48,800	48,800	205
210	46.8	344.6	46,300	46,300	48.1	348.5	47,200	47,200	50.1	353.7	48,400	48,400	210
215	45.3	339.7	45,600	45,600	46.7	343.9	46,500	46,500	48.8	349.3	47,700	47,700	215
220	43.8	334.5	45,100	45,100	45.3	338.9	45,900	45,900	47.4	344.8	47,100	47,100	220
225	42.3	329.0	44,500	44,500	43.8	333.7	45,300	45,300	45.9	339.9	46,300	46,300	225
230	40.7	323.3	43,900	43,900	42.2	328.3	44,700	44,700	44.4	334.9	45,700	45,700	230
235	39.0	317.1	42,200	42,200	40.6	322.5	44,100	44,100	42.9	329.5	45,200	45,200	235
240	37.3	310.6	40,400	40,400	39.0	316.3	42,600	42,600	41.3	323.9	44,600	44,600	240
245	35.6	303.7	38,500	38,500	37.3	309.8	40,700	40,700	39.7	317.9	43,700	43,700	245
250	33.7	296.3	36,700	36,700	35.5	302.9	38,800	38,800	38.0	311.6	42,000	42,000	250
260	29.7	279.8	33,300	33,300	31.7	287.5	35,200	35,200	34.5	297.6	38,200	38,200	260
270	25.1	260.0	30,100	30,100	27.4	269.4	31,900	31,900	30.5	281.6	34,800	34,800	270
280	19.4	234.8	27,100	27,100	22.3	247.3	28,800	28,800	26.1	262.5	31,400	31,400	280
290	11.3	196.8	21,400	21,400	15.8	217.3	25,900	25,900	20.7	238.7	28,400	28,400	290
300									13.3	204.8	25,400	25,400	300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-3

ASME B30.5



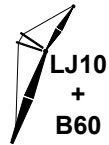
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	63.2	385.8	50,300	50,300									170
175	62.0	383.1	50,100	50,100									175
180	60.8	380.3	49,800	49,800									180
185	59.6	377.4	49,500	49,500									185
190	58.4	374.3	49,200	49,200									190
195	57.1	371.1	48,900	48,900									195
200	55.9	367.7	48,600	48,600	58.7	371.5	46,100	46,100					200
205	54.6	364.2	48,200	48,200	57.5	368.3	46,000	46,000					205
210	53.3	360.4	47,900	47,900	56.3	364.9	45,900	45,900					210
215	52.0	356.5	47,600	47,600	55.0	361.4	45,800	45,800					215
220	50.6	352.5	47,300	47,300	53.7	357.8	45,700	45,700					220
225	49.3	348.2	47,000	47,000	52.4	353.9	45,500	45,500					225
230	47.9	343.7	46,800	46,800	51.1	349.9	45,400	45,400	54.0	353.8	42,300	42,300	230
235	46.4	338.9	46,500	46,500	49.7	345.7	45,200	45,200	52.7	350.0	42,400	42,400	235
240	45.0	333.9	46,200	46,200	48.3	341.2	45,100	45,100	51.4	346.0	42,500	42,500	240
245	43.5	328.7	45,600	45,600	46.9	336.6	44,900	44,900	50.0	341.9	42,500	42,500	245
250	41.9	323.2	45,000	45,000	45.4	331.7	44,700	44,700	48.6	337.5	42,600	42,600	250
260	38.7	311.1	42,900	42,900	42.4	321.1	44,500	44,500	45.8	328.0	42,600	42,600	260
270	35.1	297.5	39,500	39,500	39.2	309.2	43,700	43,700	42.8	317.5	42,600	42,600	270
280	31.3	281.9	35,900	35,900	35.7	295.9	40,400	40,400	39.6	305.9	42,600	42,600	280
290	26.9	263.5	32,600	32,600	31.9	280.6	37,000	37,000	36.1	292.7	40,900	40,900	290
300	21.8	240.8	29,400	29,400	27.6	262.7	33,600	33,600	32.4	277.7	37,800	37,800	300
310	15.0	209.6	26,500	26,500	22.6	240.8	30,400	30,400	28.2	260.1	34,400	34,400	310
320					16.2	211.5	27,500	27,500	23.3	238.8	31,200	31,200	320
330					2.6	146.9	24,600	24,600	17.1	210.7	28,200	28,200	330
340									6.2	159.5	25,400	25,400	340

MLC300 VPC-MAX S-3

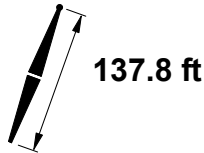
ASME B30.5



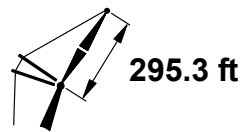
474,100 lb



360°



137.8 ft

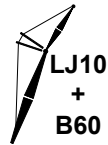


295.3 ft

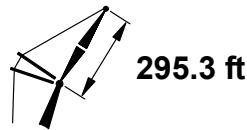
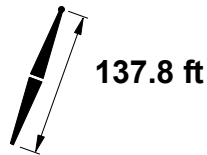
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.7	428.3	50,400	50,400									105
110	72.6	426.7	49,800	49,800									110
115	71.6	425.0	49,100	49,100									115
120	70.6	423.3	48,500	48,500	71.6	424.4	48,500	48,500					120
125	69.6	421.4	47,900	47,900	70.6	422.6	47,900	47,900					125
130	68.5	419.4	47,300	47,300	69.5	420.8	47,400	47,400					130
135	67.5	417.4	46,700	46,700	68.5	418.8	46,800	46,800					135
140	66.4	415.2	46,000	46,000	67.4	416.7	46,200	46,200	68.9	418.5	45,900	45,900	140
145	65.3	412.9	45,500	45,500	66.4	414.5	45,700	45,700	67.9	416.5	45,400	45,400	145
150	64.3	410.5	44,900	44,900	65.3	412.2	45,100	45,100	66.8	414.3	45,000	45,000	150
155	63.2	407.9	44,300	44,300	64.2	409.8	44,600	44,600	65.8	412.1	44,500	44,500	155
160	62.1	405.3	43,800	43,800	63.1	407.3	44,000	44,000	64.7	409.7	44,000	44,000	160
165	61.0	402.5	43,200	43,200	62.0	404.6	43,500	43,500	63.6	407.2	43,500	43,500	165
170	59.8	399.6	42,700	42,700	60.9	401.8	43,000	43,000	62.5	404.6	43,100	43,100	170
175	58.7	396.6	42,200	42,200	59.8	398.9	42,500	42,500	61.4	401.9	42,600	42,600	175
180	57.6	393.4	41,700	41,700	58.7	395.9	42,000	42,000	60.3	399.0	42,200	42,200	180
185	56.4	390.1	41,200	41,200	57.5	392.7	41,500	41,500	59.2	396.1	41,700	41,700	185
190	55.2	386.6	40,700	40,700	56.3	389.4	41,100	41,100	58.0	392.9	41,300	41,300	190
195	54.0	383.0	40,300	40,300	55.2	385.9	40,600	40,600	56.9	389.7	40,900	40,900	195
200	52.8	379.2	39,900	39,900	54.0	382.3	40,200	40,200	55.7	386.3	40,400	40,400	200
205	51.6	375.2	39,400	39,400	52.7	378.5	39,800	39,800	54.5	382.7	40,000	40,000	205
210	50.3	371.1	39,000	39,000	51.5	374.5	39,400	39,400	53.3	379.0	39,600	39,600	210
215	49.0	366.8	38,700	38,700	50.3	370.4	39,000	39,000	52.1	375.1	39,200	39,200	215
220	47.7	362.2	38,300	38,300	49.0	366.0	38,600	38,600	50.8	371.0	38,900	38,900	220
225	46.4	357.5	37,900	37,900	47.7	361.5	38,200	38,200	49.5	366.8	38,500	38,500	225
230	45.0	352.5	37,600	37,600	46.3	356.7	37,900	37,900	48.2	362.3	38,200	38,200	230
235	43.6	347.3	37,300	37,300	44.9	351.7	37,600	37,600	46.9	357.7	37,800	37,800	235
240	42.1	341.8	37,000	37,000	43.5	346.5	37,300	37,300	45.6	352.8	37,500	37,500	240
245	40.7	336.0	36,600	36,600	42.1	341.0	37,000	37,000	44.2	347.7	37,200	37,200	245
250	39.1	329.9	36,200	36,200	40.6	335.2	36,700	36,700	42.7	342.3	36,900	36,900	250
260	35.9	316.6	33,900	33,900	37.5	322.6	35,400	35,400	39.8	330.6	36,400	36,400	260
270	32.4	301.6	31,400	31,400	34.1	308.5	32,700	32,700	36.6	317.7	34,800	34,800	270
280	28.5	284.2	28,900	28,900	30.4	292.3	30,200	30,200	33.1	303.0	32,100	32,100	280
290	24.0	263.4	25,500	25,500	26.3	273.4	27,700	27,700	29.3	286.2	29,600	29,600	290
300	18.6	237.0	21,900	21,900	21.4	250.1	24,600	24,600	25.0	266.2	27,200	27,200	300
310	10.5	196.9	16,400	16,400	15.0	218.6	20,900	20,900	19.8	241.3	24,300	24,300	310
320									12.6	205.5	21,000	21,000	320
330													330
340													340
350													350
360													360

MLC300 VPC-MAX S-3

ASME B30.5



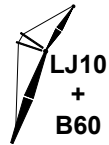
474,100 lb



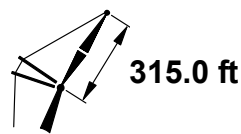
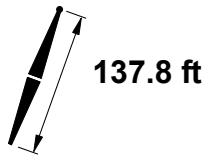
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	64.0	405.3	41,500	41,500									175
180	62.9	402.8	41,200	41,200									180
185	61.8	400.1	40,900	40,900									185
190	60.7	397.3	40,600	40,600									190
195	59.6	394.4	40,300	40,300									195
200	58.4	391.3	40,100	40,100									200
205	57.3	388.1	39,600	39,600									205
210	56.1	384.7	39,300	39,300	58.8	388.4	37,600	37,600					210
215	54.9	381.2	39,000	39,000	57.6	385.3	37,400	37,400					215
220	53.7	377.6	38,600	38,600	56.5	381.9	37,300	37,300					220
225	52.5	373.7	38,300	38,300	55.3	378.5	37,100	37,100					225
230	51.3	369.7	38,000	38,000	54.1	374.9	36,900	36,900					230
235	50.0	365.5	37,700	37,700	52.9	371.1	36,700	36,700					235
240	48.7	361.2	37,400	37,400	51.6	367.1	36,500	36,500					240
245	47.4	356.6	37,100	37,100	50.4	363.0	36,300	36,300	53.2	367.2	34,400	34,400	245
250	46.1	351.8	36,900	36,900	49.1	358.7	36,200	36,200	51.9	363.3	34,300	34,300	250
260	43.3	341.5	36,400	36,400	46.5	349.5	35,800	35,800	49.4	354.9	34,300	34,300	260
270	40.3	330.1	35,900	35,900	43.7	339.3	35,400	35,400	46.8	345.8	34,200	34,200	270
280	37.2	317.3	35,500	35,500	40.8	328.1	35,100	35,100	44.0	335.7	34,000	34,000	280
290	33.8	303.0	32,800	32,800	37.7	315.6	34,800	34,800	41.1	324.6	33,900	33,900	290
300	30.1	286.6	30,200	30,200	34.3	301.5	33,300	33,300	38.0	312.3	33,800	33,800	300
310	25.8	267.3	27,800	27,800	30.7	285.5	30,700	30,700	34.7	298.4	33,700	33,700	310
320	20.8	243.5	25,400	25,400	26.5	266.7	28,200	28,200	31.1	282.7	31,100	31,100	320
330	14.2	210.7	22,600	22,600	21.7	243.8	26,000	26,000	27.0	264.3	28,600	28,600	330
340					15.4	213.0	23,500	23,500	22.3	241.9	26,300	26,300	340
350									16.2	212.4	24,100	24,100	350
360									5.3	156.9	21,600	21,600	360

MLC300 VPC-MAX S-3

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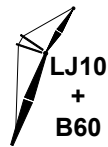
474,100 lb



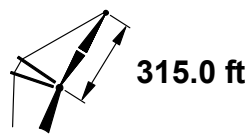
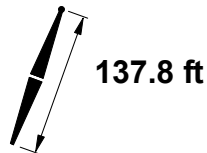
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.8	447.3	42,000	42,000									110
115	72.8	445.8	41,400	41,400									115
120	71.8	444.1	40,800	40,800									120
125	70.9	442.4	40,100	40,100	71.8	443.5	40,300	40,300					125
130	69.9	440.6	39,500	39,500	70.9	441.8	39,700	39,700					130
135	68.9	438.6	39,000	39,000	69.9	439.9	39,200	39,200					135
140	68.0	436.6	38,400	38,400	68.9	438.0	38,600	38,600					140
145	67.0	434.5	37,800	37,800	67.9	436.0	38,100	38,100					145
150	66.0	432.3	37,200	37,200	66.9	433.8	37,500	37,500	68.4	435.7	37,500	37,500	150
155	65.0	429.9	36,700	36,700	65.9	431.6	37,000	37,000	67.4	433.6	37,000	37,000	155
160	64.0	427.5	36,200	36,200	64.9	429.3	36,500	36,500	66.4	431.4	36,600	36,600	160
165	62.9	424.9	35,600	35,600	63.9	426.8	36,000	36,000	65.4	429.1	36,100	36,100	165
170	61.9	422.3	35,100	35,100	62.9	424.3	35,500	35,500	64.4	426.7	35,600	35,600	170
175	60.9	419.5	34,700	34,700	61.9	421.6	35,000	35,000	63.4	424.2	35,200	35,200	175
180	59.8	416.6	34,200	34,200	60.8	418.8	34,500	34,500	62.3	421.6	34,700	34,700	180
185	58.8	413.5	33,700	33,700	59.8	415.9	34,000	34,000	61.3	418.8	34,300	34,300	185
190	57.7	410.4	33,300	33,300	58.7	412.8	33,600	33,600	60.2	416.0	33,800	33,800	190
195	56.6	407.1	32,800	32,800	57.6	409.7	33,100	33,100	59.2	413.0	33,400	33,400	195
200	55.5	403.6	32,400	32,400	56.5	406.4	32,700	32,700	58.1	409.9	33,000	33,000	200
205	54.4	400.1	32,000	32,000	55.4	402.9	32,300	32,300	57.0	406.7	32,500	32,500	205
210	53.2	396.3	31,600	31,600	54.3	399.4	31,900	31,900	55.9	403.3	32,100	32,100	210
215	52.1	392.4	31,200	31,200	53.2	395.6	31,500	31,500	54.8	399.8	31,800	31,800	215
220	50.9	388.4	30,800	30,800	52.0	391.7	31,100	31,100	53.7	396.1	31,400	31,400	220
225	49.7	384.2	30,500	30,500	50.9	387.7	30,700	30,700	52.5	392.3	31,000	31,000	225
230	48.5	379.8	30,100	30,100	49.7	383.4	30,400	30,400	51.4	388.3	30,700	30,700	230
235	47.3	375.1	29,800	29,800	48.5	379.0	30,100	30,100	50.2	384.1	30,300	30,300	235
240	46.0	370.3	29,500	29,500	47.2	374.4	29,700	29,700	49.0	379.8	30,000	30,000	240
245	44.7	365.3	29,200	29,200	46.0	369.6	29,400	29,400	47.8	375.3	29,700	29,700	245
250	43.4	360.0	28,900	28,900	44.7	364.6	29,100	29,100	46.5	370.5	29,400	29,400	250
260	40.6	348.7	28,400	28,400	42.0	353.8	28,600	28,600	43.9	360.4	28,800	28,800	260
270	37.7	336.3	27,900	27,900	39.2	341.9	28,100	28,100	41.2	349.4	28,300	28,300	270
280	34.6	322.3	27,500	27,500	36.2	328.7	27,600	27,600	38.3	337.1	27,800	27,800	280
290	31.2	306.6	24,100	24,100	32.9	313.8	26,700	26,700	35.3	323.5	27,400	27,400	290
300	27.4	288.4	18,900	18,900	29.3	296.9	22,700	22,700	31.9	308.2	26,200	26,200	300
310	23.1	266.7	14,200	14,200	25.3	277.1	17,300	17,300	28.2	290.5	23,000	23,000	310
320	17.8	239.1	10,000	10,000	20.5	252.8	12,600	12,600	24.0	269.7	17,200	17,200	320
330									19.0	243.6	12,300	12,300	330
340													340
350													350
360													360
370													370

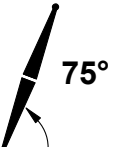
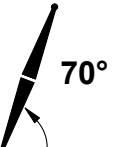
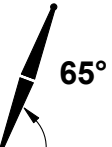
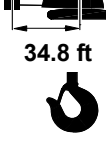
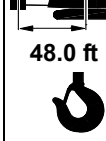
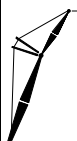
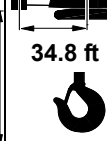
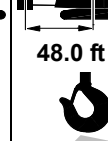
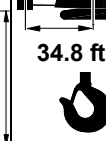
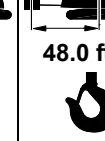
MLC300 VPC-MAX S-3

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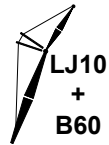
474,100 lb



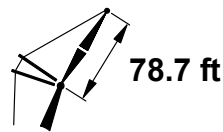
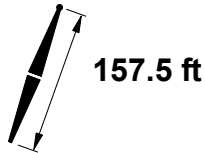
	 75°				 70°				 65°					
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb		 lb
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170														170
175														175
180														180
185	63.7	422.3	33,700	33,700										185
190	62.7	419.8	33,400	33,400										190
195	61.7	417.1	33,000	33,000										195
200	60.6	414.2	32,700	32,700										200
205	59.6	411.3	32,400	32,400										205
210	58.5	408.2	32,000	32,000										210
215	57.4	405.1	31,700	31,700										215
220	56.3	401.7	31,400	31,400	58.8	405.4	30,400	30,400						220
225	55.2	398.3	31,000	31,000	57.8	402.2	30,200	30,200						225
230	54.1	394.6	30,700	30,700	56.7	398.9	30,000	30,000						230
235	53.0	390.9	30,400	30,400	55.6	395.5	29,700	29,700						235
240	51.8	387.0	30,100	30,100	54.4	391.9	29,500	29,500						240
245	50.6	382.9	29,800	29,800	53.3	388.2	29,300	29,300						245
250	49.4	378.6	29,500	29,500	52.2	384.4	29,100	29,100						250
260	47.0	369.5	29,000	29,000	49.8	376.1	28,700	28,700	52.4	380.5	27,500	27,500		260
270	44.4	359.6	28,500	28,500	47.4	367.1	28,200	28,200	50.1	372.3	27,300	27,300		270
280	41.7	348.7	28,000	28,000	44.8	357.3	27,800	27,800	47.6	363.4	27,100	27,100		280
290	38.9	336.7	27,600	27,600	42.1	346.6	27,400	27,400	45.1	353.7	26,800	26,800		290
300	35.8	323.3	27,200	27,200	39.3	334.8	27,100	27,100	42.5	343.1	26,600	26,600		300
310	32.6	308.3	26,700	26,700	36.3	321.6	26,800	26,800	39.7	331.4	26,400	26,400		310
320	29.0	291.1	24,500	24,500	33.1	306.9	26,500	26,500	36.7	318.4	26,200	26,200		320
330	24.9	271.0	20,600	20,600	29.5	290.1	24,900	24,900	33.5	303.9	26,000	26,000		330
340	20.0	246.1	14,700	14,700	25.5	270.5	22,800	22,800	30.0	287.4	25,300	25,300		340
350	13.5	211.7	10,100	10,100	20.8	246.5	17,300	17,300	26.0	268.2	23,200	23,200		350
360					14.7	214.3	12,000	12,000	21.4	244.8	19,700	19,700		360
370									15.5	213.9	13,800	13,800		370

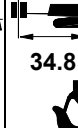
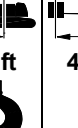
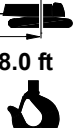
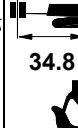
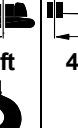
MLC300 VPC-MAX S-3

ASME B30.5



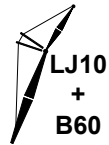
474,100 lb



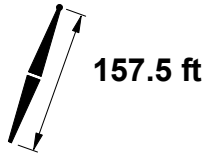
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
50	70.4	238.6	306,700 c	306,700 c									50
55	66.4	236.4	280,000 b	280,000 b	70.8	238.1	311,200 c	311,200 c					55
60	62.3	233.7	251,000 b	251,000 b	66.8	236.0	297,300 b	297,300 b					60
65	58.0	230.6	227,900	227,900	62.7	233.4	279,200 b	279,200 b					65
70	53.5	227.0	209,100	209,100	58.5	230.3	251,000	251,000	65.4	233.8	296,600 b	296,600 b	70
75	48.7	222.6	193,400	193,400	54.0	226.7	228,700	228,700	61.2	231.0	284,100 b	284,100 b	75
80	43.4	217.4	180,300	180,300	49.2	222.5	210,400	210,400	56.9	227.8	272,400	272,400	80
85	37.6	211.2	169,400	169,400	44.0	217.4	195,200	195,200	52.3	223.9	250,500	250,500	85
90	30.8	203.2	160,400	160,400	38.2	211.2	182,500	182,500	47.4	219.4	229,300	229,300	90
95	21.9	192.1	153,700	153,700	31.5	203.5	172,000	172,000	42.0	214.0	212,000	212,000	95
100					23.0	192.8	163,800	163,800	36.0	207.3	197,600	197,600	100
105					6.0	170.2	138,700	138,700	28.8	198.8	185,700	185,700	105
110									19.0	186.3	176,000	176,000	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

MLC300 VPC-MAX S-3

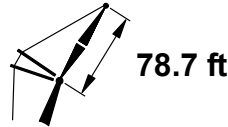
ASME B30.5



474,100 lb



157.5 ft

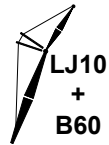


78.7 ft

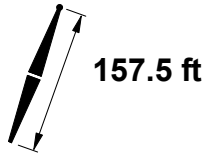
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90	59.9	226.9	239,000	286,200									90
95	55.5	223.5	223,900	275,100									95
100	50.9	219.5	210,400	264,800									100
105	45.8	214.7	198,400	247,600	58.4	221.4	191,300	245,800					105
110	40.3	209.0	187,600	225,500	53.9	217.8	180,900	232,600					110
115	34.0	201.8	177,800	206,700	49.1	213.5	171,500	220,700					115
120	26.2	192.5	168,800	190,300	43.9	208.4	162,900	209,900					120
125	14.7	177.4	160,400	175,600	38.1	202.2	155,000	199,900	51.8	210.5	149,400	194,300	125
130					31.4	194.4	147,800	190,800	46.8	205.8	142,500	185,500	130
135					22.7	183.7	141,100	182,300	41.4	200.3	136,100	177,400	135
140					4.7	159.5	134,500	170,200	35.2	193.5	130,200	169,800	140
145									27.8	184.6	124,600	162,800	145
150									17.5	171.3	119,400	156,200	150

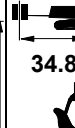
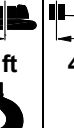
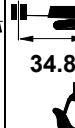
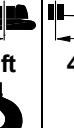
MLC300 VPC-MAX S-3

ASME B30.5



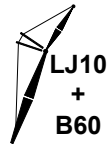
474,100 lb



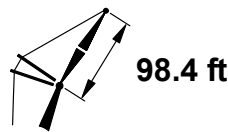
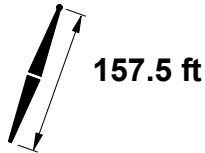
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
55	71.4	257.7	252,400 b	252,400 b									55
60	68.2	255.7	248,900 b	248,900 b	71.7	257.3	253,700 b	253,700 b					60
65	65.0	253.4	232,800	232,800	68.6	255.3	250,500 b	250,500 b					65
70	61.7	250.7	212,100	212,100	65.4	253.0	244,000	244,000					70
75	58.3	247.6	195,000	195,000	62.1	250.3	231,100	231,100	67.4	253.2	250,200 b	250,200 b	75
80	54.8	244.1	180,800	180,800	58.7	247.3	217,100	217,100	64.2	250.7	240,900	240,900	80
85	51.0	240.1	168,700	168,700	55.1	243.8	199,800	199,800	60.9	248.0	228,700	228,700	85
90	47.1	235.5	158,300	158,300	51.4	239.9	185,300	185,300	57.4	244.8	217,200	217,200	90
95	42.8	230.2	149,400	149,400	47.5	235.3	173,000	173,000	53.8	241.1	206,400	206,400	95
100	38.2	224.0	141,700	141,700	43.3	230.1	162,600	162,600	50.0	237.0	196,400	196,400	100
105	33.0	216.5	135,300	135,300	38.7	224.0	153,600	153,600	46.0	232.2	187,200	187,200	105
110	26.8	207.2	130,000	130,000	33.5	216.7	146,000	146,000	41.7	226.7	178,600	178,600	110
115	18.8	194.3	126,200	126,200	27.5	207.7	139,700	139,700	36.9	220.2	168,700	168,700	115
120					19.7	195.3	134,800	134,800	31.5	212.4	158,800	158,800	120
125									25.0	202.4	148,400	148,400	125
130									16.0	187.8	133,800	133,800	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170

MLC300 VPC-MAX S-3

ASME B30.5



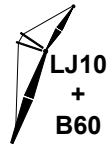
474,100 lb



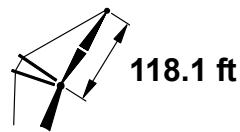
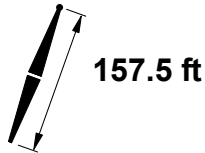
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	63.2	246.8	222,700	236,900									95
100	59.9	243.9	209,300	226,100									100
105	56.4	240.6	197,400	215,500									105
110	52.7	236.8	186,600	205,400									110
115	48.9	232.5	176,900	195,800	58.6	238.4	170,200	219,500					115
120	44.8	227.5	168,100	186,800	55.0	234.9	161,700	208,700					120
125	40.3	221.7	160,000	178,500	51.3	230.9	154,000	198,900					125
130	35.4	214.9	152,600	167,800	47.4	226.4	146,800	189,900					130
135	29.7	206.5	145,700	156,400	43.2	221.1	140,300	181,600	53.4	227.7	134,900	176,200	135
140	22.7	195.6	139,300	146,300	38.6	215.0	134,200	173,900	49.6	223.5	129,000	168,700	140
145	11.9	177.8	133,300	135,000	33.4	207.7	128,600	163,900	45.5	218.6	123,600	161,800	145
150					27.4	198.6	123,300	153,200	41.2	213.0	118,600	155,400	150
155					19.5	186.1	118,300	143,400	36.3	206.4	113,900	149,500	155
160									30.8	198.4	109,500	143,900	160
165									24.2	188.1	105,400	138,600	165
170									14.6	172.4	101,400	133,500	170

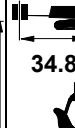
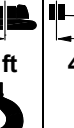
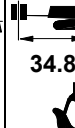
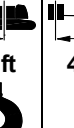
MLC300 VPC-MAX S-3

ASME B30.5



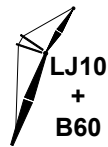
474,100 lb



	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60	72.0	276.8	214,900 b	214,900 b									60
65	69.5	275.0	204,900	204,900									65
70	66.8	272.8	195,200	195,200	69.7	274.5	207,000	207,000					70
75	64.1	270.4	186,000	186,000	67.1	272.4	197,500	197,500					75
80	61.4	267.6	177,300	177,300	64.4	270.0	188,400	188,400	68.8	272.4	204,000	204,000	80
85	58.5	264.6	169,200	169,200	61.6	267.3	179,700	179,700	66.1	270.2	195,200	195,200	85
90	55.6	261.2	159,300	159,300	58.8	264.3	171,500	171,500	63.4	267.7	186,600	186,600	90
95	52.5	257.4	149,600	149,600	55.9	260.9	163,800	163,800	60.6	264.9	178,300	178,300	95
100	49.3	253.1	141,100	141,100	52.8	257.1	156,500	156,500	57.8	261.8	170,400	170,400	100
105	46.0	248.3	133,800	133,800	49.7	252.9	149,600	149,600	54.8	258.3	162,800	162,800	105
110	42.4	242.9	127,300	127,300	46.3	248.2	142,800	142,800	51.7	254.3	155,700	155,700	110
115	38.6	236.8	121,700	121,700	42.8	242.9	136,300	136,300	48.5	249.9	148,700	148,700	115
120	34.3	229.7	116,800	116,800	39.0	236.8	130,100	130,100	45.1	245.0	141,900	141,900	120
125	29.6	221.2	112,600	112,600	34.8	229.8	124,300	124,300	41.5	239.4	135,400	135,400	125
130	23.9	210.7	109,300	109,300	30.1	221.5	118,800	118,800	37.5	233.1	129,200	129,200	130
135	16.4	196.0	102,900	102,900	24.6	211.2	113,700	113,700	33.2	225.7	123,300	123,300	135
140					17.3	197.2	108,100	108,100	28.2	216.8	117,900	117,900	140
145									22.3	205.5	112,900	112,900	145
150									13.8	188.8	106,000	106,000	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190

MLC300 VPC-MAX S-3

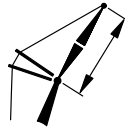
ASME B30.5



474,100 lb



157.5 ft

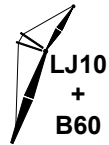


118.1 ft

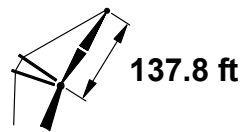
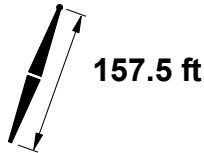
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	62.6	263.7	183,800	183,800									105
110	59.8	260.8	176,400	176,400									110
115	56.9	257.6	169,100	169,100									115
120	53.9	253.9	162,000	162,000									120
125	50.8	249.9	155,100	155,100	58.7	255.3	153,100	172,100					125
130	47.5	245.4	148,200	148,200	55.8	252.0	146,000	165,800					130
135	44.0	240.2	141,400	141,400	52.8	248.2	139,500	159,500					135
140	40.3	234.5	134,900	134,900	49.6	244.0	133,500	153,100					140
145	36.3	227.8	128,700	128,700	46.3	239.2	127,900	146,400					145
150	31.8	220.0	122,900	122,900	42.7	233.9	122,700	139,800	51.4	240.9	117,800	154,600	150
155	26.6	210.5	117,500	117,500	38.9	227.8	117,900	133,500	48.1	236.4	113,100	148,700	155
160	20.1	198.1	112,600	112,600	34.7	220.8	113,400	127,500	44.7	231.4	108,800	143,100	160
165	9.8	177.4	107,400	107,400	30.0	212.4	109,100	121,900	41.0	225.8	104,700	137,200	165
170					24.4	202.1	105,100	116,600	37.1	219.3	100,900	131,200	170
175					17.1	187.9	101,300	111,800	32.7	211.7	97,300	125,500	175
180									27.6	202.6	93,900	120,000	180
185									21.5	190.9	90,700	115,000	185
190									12.4	173.0	87,500	110,400	190

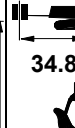
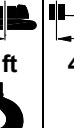
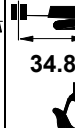
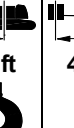
MLC300 VPC-MAX S-3

ASME B30.5



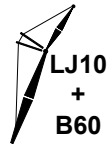
474,100 lb



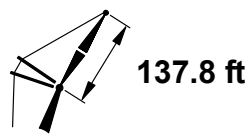
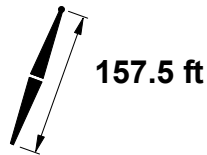
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
65	72.5	295.9	184,400	184,400									65
70	70.3	294.1	176,900	176,900									70
75	68.1	292.1	169,500	169,500	70.5	293.7	178,500	178,500					75
80	65.8	289.9	162,400	162,400	68.3	291.7	171,300	171,300					80
85	63.5	287.4	155,100	155,100	66.0	289.4	164,200	164,200					85
90	61.1	284.6	147,400	147,400	63.7	287.0	157,000	157,000	67.5	289.6	169,200	169,200	90
95	58.6	281.6	140,100	140,100	61.3	284.2	149,300	149,300	65.2	287.3	162,600	162,600	95
100	56.1	278.2	133,300	133,300	58.9	281.2	141,900	141,900	62.9	284.7	155,200	155,200	100
105	53.6	274.5	126,900	126,900	56.4	277.9	135,000	135,000	60.5	281.9	147,600	147,600	105
110	50.9	270.5	120,900	120,900	53.8	274.3	128,500	128,500	58.0	278.7	140,500	140,500	110
115	48.1	266.0	115,200	115,200	51.2	270.3	122,400	122,400	55.5	275.3	133,700	133,700	115
120	45.2	261.1	109,900	109,900	48.4	265.9	116,700	116,700	52.9	271.6	127,400	127,400	120
125	42.1	255.7	104,900	104,900	45.5	261.0	111,200	111,200	50.2	267.4	121,400	121,400	125
130	38.8	249.6	100,100	100,100	42.4	255.6	106,100	106,100	47.4	262.9	115,700	115,700	130
135	35.3	242.6	95,600	95,600	39.2	249.6	101,200	101,200	44.4	257.8	110,300	110,300	135
140	31.4	234.7	91,400	91,400	35.7	242.7	96,600	96,600	41.3	252.2	105,100	105,100	140
145	27.0	225.3	87,500	87,500	31.8	234.9	92,300	92,300	38.0	245.9	100,400	100,400	145
150	21.7	213.6	83,900	83,900	27.4	225.7	88,400	88,400	34.3	238.7	95,800	95,800	150
155	14.5	197.1	80,500	80,500	22.3	214.3	84,600	84,600	30.3	230.5	91,600	91,600	155
160					15.4	198.6	81,300	81,300	25.7	220.6	87,700	87,700	160
165									20.1	208.0	84,000	84,000	165
170									12.0	189.2	80,700	80,700	170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

MLC300 VPC-MAX S-3

ASME B30.5



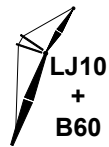
474,100 lb



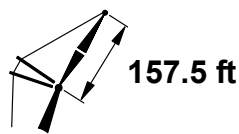
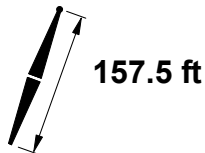
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.1	280.7	152,600	152,600									115
120	59.7	277.8	145,800	145,800									120
125	57.3	274.6	139,100	139,100									125
130	54.7	271.1	132,700	132,700									130
135	52.1	267.2	126,600	126,600	58.8	272.3	138,100	141,900					135
140	49.4	262.9	120,700	120,700	56.4	269.0	132,200	136,000					140
145	46.5	258.2	115,100	115,100	53.8	265.3	126,600	130,300					145
150	43.5	253.0	109,800	109,800	51.1	261.3	121,500	124,500					150
155	40.3	247.2	104,700	104,700	48.3	256.9	116,700	119,000					155
160	36.9	240.7	99,900	99,900	45.4	252.0	112,200	113,700	52.6	258.1	107,500	126,400	160
165	33.2	233.2	95,500	95,500	42.4	246.6	108,000	108,400	49.9	253.9	103,400	121,500	165
170	29.0	224.5	91,300	91,300	39.1	240.6	103,600	103,600	47.0	249.3	99,700	116,400	170
175	24.2	214.0	87,400	87,400	35.6	233.7	98,900	98,900	44.1	244.2	96,100	111,300	175
180	18.1	200.2	83,800	83,800	31.7	225.9	94,600	94,600	40.9	238.5	92,800	106,400	180
185	7.9	176.3	80,600	80,600	27.3	216.6	90,500	90,500	37.6	232.1	89,600	101,800	185
190					22.1	205.1	86,600	86,600	33.9	224.9	86,600	97,300	190
195					15.2	189.3	83,200	83,200	29.8	216.4	83,800	93,100	195
200									25.1	206.3	81,100	89,200	200
205									19.3	193.3	78,500	85,600	205
210									10.6	173.0	75,900	82,300	210

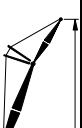
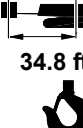
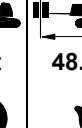
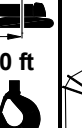
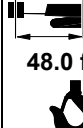
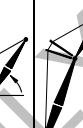
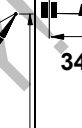
MLC300 VPC-MAX S-3

ASME B30.5



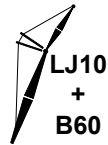
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	72.9	315.0	152,300	152,300									70
75	70.9	313.3	146,400	146,400									75
80	69.0	311.3	140,800	140,800	71.1	312.8	147,600	147,600					80
85	67.0	309.2	135,400	135,400	69.2	310.9	142,000	142,000					85
90	65.0	306.9	130,100	130,100	67.2	308.8	136,800	136,800					90
95	63.0	304.3	124,700	124,700	65.2	306.5	131,600	131,600	68.5	308.8	140,200	140,200	95
100	60.9	301.5	119,300	119,300	63.2	304.0	126,300	126,300	66.5	306.7	135,500	135,500	100
105	58.8	298.5	114,000	114,000	61.1	301.2	120,800	120,800	64.5	304.3	130,400	130,400	105
110	56.6	295.2	108,900	108,900	59.0	298.2	115,500	115,500	62.4	301.7	125,200	125,200	110
115	54.3	291.6	104,000	104,000	56.8	294.9	110,300	110,300	60.3	298.8	119,800	119,800	115
120	52.0	287.8	99,100	99,100	54.6	291.4	105,300	105,300	58.2	295.7	114,700	114,700	120
125	49.7	283.5	94,700	94,700	52.3	287.5	100,500	100,500	56.0	292.4	109,600	109,600	125
130	47.2	278.9	90,200	90,200	49.9	283.3	95,900	95,900	53.8	288.7	104,600	104,600	130
135	44.6	273.9	86,000	86,000	47.4	278.8	91,400	91,400	51.4	284.7	99,900	99,900	135
140	41.9	268.4	82,100	82,100	44.9	273.8	87,100	87,100	49.0	280.4	95,200	95,200	140
145	39.0	262.3	78,300	78,300	42.2	268.3	83,100	83,100	46.5	275.7	90,700	90,700	145
150	36.0	255.6	74,700	74,700	39.3	262.3	79,300	79,300	43.9	270.6	86,600	86,600	150
155	32.7	247.9	71,400	71,400	36.3	255.6	75,700	75,700	41.2	264.9	82,600	82,600	155
160	29.0	239.2	68,100	68,100	33.0	248.1	72,300	72,300	38.3	258.7	78,900	78,900	160
165	24.8	228.9	65,100	65,100	29.4	239.5	69,000	69,000	35.2	251.7	75,200	75,200	165
170	19.8	216.1	62,200	62,200	25.3	229.4	65,900	65,900	31.8	243.9	71,800	71,800	170
175	12.9	197.9	59,500	59,500	20.4	216.9	63,000	63,000	28.0	234.8	68,600	68,600	175
180					13.8	199.6	60,300	60,300	23.7	224.0	65,600	65,600	180
185									18.3	210.2	62,700	62,700	185
190									10.4	189.1	60,000	60,000	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

MLC300 VPC-MAX S-3

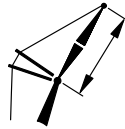
ASME B30.5



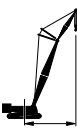
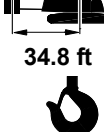
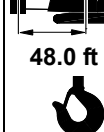
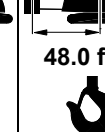
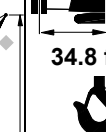
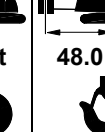
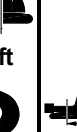
474,100 lb



157.5 ft

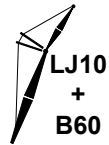


157.5 ft

	 75°				 70°				 65°						
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb		 lb	 ft
70															70
75															75
80															80
85															85
90															90
95															95
100															100
105															105
110															110
115															115
120	63.9	300.3	128,000	128,000											120
125	61.8	297.7	123,400	123,400											125
130	59.7	294.7	118,600	118,600											130
135	57.6	291.6	113,700	113,700											135
140	55.3	288.1	108,900	108,900											140
145	53.1	284.4	104,100	104,100	58.9	289.3	115,600	115,600							145
150	50.7	280.3	99,400	99,400	56.8	286.0	111,300	111,300							150
155	48.3	275.9	94,900	94,900	54.5	282.4	106,900	106,900							155
160	45.8	271.1	90,500	90,500	52.2	278.6	102,500	102,500							160
165	43.1	265.8	86,400	86,400	49.9	274.4	98,100	98,100							165
170	40.3	260.0	82,500	82,500	47.4	269.8	93,800	93,800	53.5	275.3	98,200	103,800			170
175	37.4	253.5	78,800	78,800	44.8	264.8	89,600	89,600	51.2	271.3	94,600	99,900			175
180	34.2	246.3	75,200	75,200	42.1	259.4	85,700	85,700	48.8	266.9	91,300	96,000			180
185	30.7	238.1	71,900	71,900	39.3	253.3	81,900	81,900	46.2	262.2	88,200	91,900			185
190	26.8	228.6	68,700	68,700	36.2	246.6	78,300	78,300	43.6	257.0	85,200	88,100			190
195	22.2	217.1	65,700	65,700	32.9	239.1	74,800	74,800	40.9	251.3	82,400	84,300			195
200	16.4	201.9	62,900	62,900	29.3	230.5	71,600	71,600	37.9	244.9	79,800	80,800			200
205	6.1	174.2	60,300	60,300	25.2	220.3	68,400	68,400	34.8	237.9	77,200	77,300			205
210					20.3	207.8	65,600	65,600	31.4	229.9	74,000	74,000			210
215					13.6	190.2	62,800	62,800	27.5	220.6	70,800	70,800			215
220										23.1	209.6	67,900	67,900		220
225										17.6	195.3	65,000	65,000		225
230										9.1	172.4	62,400	62,400		230

MLC300 VPC-MAX S-3

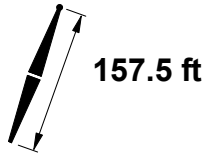
ASME B30.5



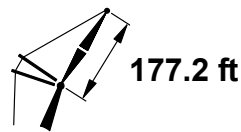
474,100 lb



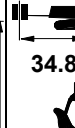
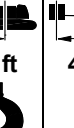
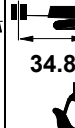
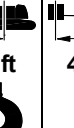
360°



157.5 ft

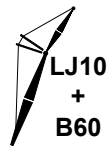


177.2 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	73.1	334.1	134,900	134,900									75
80	71.4	332.4	130,500	130,500									80
85	69.7	330.5	125,600	125,600	71.6	331.9	131,300	131,300					85
90	68.0	328.5	120,700	120,700	69.9	330.1	126,600	126,600					90
95	66.2	326.3	116,000	116,000	68.1	328.1	121,900	121,900					95
100	64.4	323.9	111,400	111,400	66.4	325.9	117,300	117,300					100
105	62.6	321.3	106,900	106,900	64.6	323.5	112,700	112,700	67.5	326.0	120,400	120,400	105
110	60.7	318.5	102,600	102,600	62.8	320.9	108,200	108,200	65.7	323.7	116,000	116,000	110
115	58.8	315.5	98,400	98,400	60.9	318.1	104,000	104,000	63.9	321.3	111,700	111,700	115
120	56.9	312.2	94,300	94,300	59.0	315.1	99,700	99,700	62.1	318.6	107,400	107,400	120
125	54.9	308.7	90,200	90,200	57.1	311.9	95,600	95,600	60.2	315.8	103,300	103,300	125
130	52.9	305.0	86,400	86,400	55.1	308.4	91,500	91,500	58.3	312.7	99,100	99,100	130
135	50.8	300.9	82,700	82,700	53.1	304.7	87,600	87,600	56.4	309.4	95,000	95,000	135
140	48.7	296.5	79,100	79,100	51.0	300.7	83,800	83,800	54.4	305.8	91,000	91,000	140
145	46.5	291.8	75,600	75,600	48.9	296.3	80,200	80,200	52.4	302.0	87,200	87,200	145
150	44.1	286.7	72,300	72,300	46.7	291.7	76,700	76,700	50.3	297.8	83,400	83,400	150
155	41.7	281.2	69,100	69,100	44.4	286.6	73,200	73,200	48.1	293.4	79,800	79,800	155
160	39.2	275.1	66,100	66,100	42.0	281.1	70,100	70,100	45.9	288.6	76,300	76,300	160
165	36.5	268.4	63,200	63,200	39.5	275.1	67,000	67,000	43.5	283.3	72,900	72,900	165
170	33.6	261.1	60,400	60,400	36.8	268.5	64,000	64,000	41.1	277.7	69,700	69,700	170
175	30.5	252.8	57,700	57,700	33.9	261.2	61,200	61,200	38.5	271.5	66,600	66,600	175
180	27.0	243.3	55,100	55,100	30.8	253.0	58,500	58,500	35.8	264.7	63,700	63,700	180
185	23.1	232.2	52,700	52,700	27.4	243.7	55,900	55,900	32.8	257.1	60,900	60,900	185
190	18.3	218.2	50,500	50,500	23.5	232.7	53,400	53,400	29.6	248.5	58,200	58,200	190
195	11.6	198.2	48,400	48,400	18.8	219.2	51,200	51,200	26.1	238.7	55,700	55,700	195
200					12.5	200.2	49,000	49,000	21.9	227.0	53,200	53,200	200
205									16.8	212.0	51,000	51,000	205
210									9.1	188.6	48,900	48,900	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

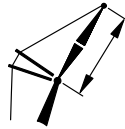
ASME B30.5



474,100 lb



157.5 ft

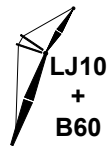


177.2 ft

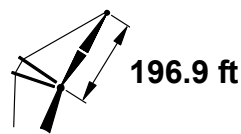
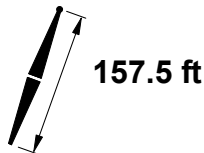
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	63.4	317.3	109,600	109,600									130
135	61.6	314.6	105,900	105,900									135
140	59.7	311.7	102,100	102,100									140
145	57.8	308.5	98,300	98,300									145
150	55.8	305.2	94,400	94,400									150
155	53.8	301.5	90,600	90,600	59.0	306.2	99,400	99,400					155
160	51.8	297.6	86,800	86,800	57.1	303.0	96,000	96,000					160
165	49.6	293.4	83,200	83,200	55.1	299.5	92,600	92,600					165
170	47.5	288.8	79,700	79,700	53.1	295.8	89,100	89,100					170
175	45.2	283.9	76,200	76,200	51.0	291.7	85,600	85,600					175
180	42.8	278.5	72,900	72,900	48.9	287.4	82,200	82,200					180
185	40.3	272.7	69,800	69,800	46.6	282.7	78,900	78,900	52.1	288.5	86,600	86,600	185
190	37.7	266.3	66,800	66,800	44.3	277.6	75,500	75,500	50.0	284.3	83,500	83,500	190
195	34.9	259.3	63,800	63,800	41.9	272.1	72,400	72,400	47.9	279.9	80,400	80,400	195
200	31.9	251.4	61,000	61,000	39.4	266.1	69,300	69,300	45.6	275.0	77,300	77,300	200
205	28.6	242.6	58,300	58,300	36.7	259.5	66,300	66,300	43.3	269.7	74,200	74,200	205
210	24.9	232.2	55,800	55,800	33.9	252.2	63,500	63,500	40.8	264.0	71,200	71,200	210
215	20.6	219.7	53,400	53,400	30.7	244.0	60,700	60,700	38.2	257.7	68,300	68,300	215
220	15.0	203.2	51,200	51,200	27.3	234.6	58,200	58,200	35.5	250.8	65,500	65,500	220
225													225
230	4.3	170.6	49,200	49,200	23.4	223.6	55,700	55,700	32.5	243.1	62,700	62,700	230
235					18.7	210.0	53,400	53,400	29.2	234.5	60,100	60,100	235
240					12.3	190.8	51,200	51,200	25.6	224.4	57,600	57,600	240
245									21.4	212.4	55,200	55,200	245
250									16.2	196.9	53,000	53,000	250
									7.7	171.2	51,000	51,000	

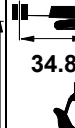
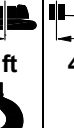
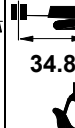
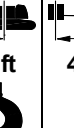
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



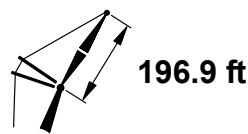
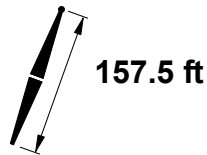
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
80	73.4	353.1	121,200	121,200									80
85	71.8	351.5	120,100	120,100									85
90	70.3	349.7	118,200	118,200	72.0	351.0	119,100	119,100					90
95	68.7	347.7	115,500	115,500	70.4	349.2	118,800	118,800					95
100	67.1	345.6	112,800	112,800	68.9	347.3	116,400	116,400					100
105	65.5	343.3	110,000	110,000	67.3	345.2	113,900	113,900					105
110	63.9	340.9	107,300	107,300	65.7	342.9	111,300	111,300	68.3	345.2	115,000	115,000	110
115	62.3	338.3	104,600	104,600	64.1	340.5	108,700	108,700	66.7	343.1	113,000	113,000	115
120	60.6	335.5	101,900	101,900	62.4	337.9	106,100	106,100	65.1	340.8	110,800	110,800	120
125	58.9	332.4	99,300	99,300	60.8	335.1	103,500	103,500	63.5	338.3	108,400	108,400	125
130	57.2	329.2	96,600	96,600	59.1	332.1	100,900	100,900	61.8	335.6	106,100	106,100	130
135	55.4	325.8	94,000	94,000	57.3	328.9	98,200	98,200	60.2	332.7	103,700	103,700	135
140	53.6	322.1	91,500	91,500	55.6	325.5	95,700	95,700	58.5	329.7	101,200	101,200	140
145	51.7	318.2	88,900	88,900	53.8	321.8	93,100	93,100	56.7	326.4	98,700	98,700	145
150	49.8	314.0	86,500	86,500	51.9	317.9	90,600	90,600	54.9	322.9	96,300	96,300	150
155	47.9	309.5	84,100	84,100	50.0	313.8	88,200	88,200	53.1	319.1	93,800	93,800	155
160	45.9	304.7	81,700	81,700	48.1	309.3	85,700	85,700	51.3	315.1	91,400	91,400	160
165	43.8	299.5	79,200	79,200	46.1	304.5	83,300	83,300	49.4	310.9	89,000	89,000	165
170	41.6	293.9	76,900	76,900	44.0	299.4	80,900	80,900	47.4	306.3	86,600	86,600	170
175	39.3	287.9	74,500	74,500	41.8	293.8	78,500	78,500	45.3	301.4	84,200	84,200	175
180	36.9	281.3	72,100	72,100	39.5	287.8	76,000	76,000	43.2	296.1	81,800	81,800	180
185	34.4	274.1	69,600	69,600	37.2	281.3	73,100	73,100	41.0	290.4	78,800	78,800	185
190	31.6	266.1	66,600	66,600	34.6	274.2	70,100	70,100	38.7	284.3	75,400	75,400	190
195	28.6	257.2	63,800	63,800	31.9	266.3	67,100	67,100	36.3	277.5	72,300	72,300	195
200	25.3	247.1	61,100	61,100	29.0	257.6	64,400	64,400	33.7	270.2	69,300	69,300	200
205	21.6	235.1	58,500	58,500	25.7	247.5	61,800	61,800	30.9	262.0	66,400	66,400	205
210	17.0	220.1	53,500	53,500	22.0	235.8	59,200	59,200	27.8	252.8	63,800	63,800	210
215	10.4	198.2	45,800	45,800	17.5	221.2	56,200	56,200	24.4	242.2	61,200	61,200	215
220					11.3	200.4	48,600	48,600	20.5	229.6	58,700	58,700	220
225									15.6	213.5	56,300	56,300	225
230									7.9	187.5	48,000	48,000	230
235													235
240													240
245													245
250													250
260													260
270													270

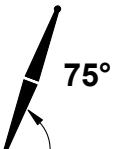
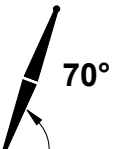
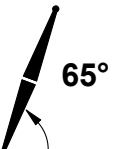
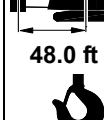
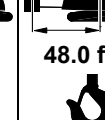
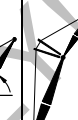
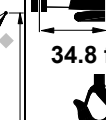
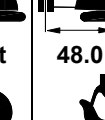
MLC300 VPC-MAX S-3

ASME B30.5



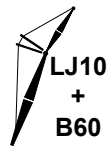
474,100 lb



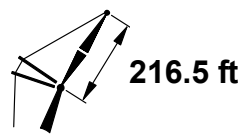
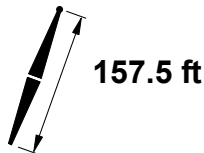
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
80															80
85															85
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140	63.0	334.3	106,200	106,200											140
145	61.3	331.6	104,400	104,400											145
150	59.7	328.6	102,500	102,500											150
155	57.9	325.5	100,600	100,600											155
160	56.2	322.2	98,500	98,500											160
165	54.4	318.6	96,300	96,300											165
170	52.6	314.8	94,200	94,200	57.3	320.0	97,400	97,400							170
175	50.7	310.7	92,000	92,000	55.5	316.6	96,000	96,000							175
180	48.8	306.4	89,800	89,800	53.7	312.9	93,400	94,500							180
185	46.8	301.7	87,500	87,500	51.9	309.0	90,200	92,800							185
190	44.7	296.7	85,300	85,300	50.0	304.8	87,200	91,000							190
195	42.6	291.3	81,700	81,700	48.0	300.3	84,300	89,100	52.9	305.7	80,200	90,700			195
200	40.3	285.4	78,100	78,100	46.0	295.6	81,500	87,200	51.0	301.7	77,500	89,600			200
205	38.0	279.1	74,900	74,900	43.9	290.4	78,900	84,300	49.1	297.4	75,000	88,400			205
210	35.5	272.2	71,700	71,700	41.8	284.9	76,500	80,600	47.1	292.8	72,600	87,000			210
215	32.9	264.6	68,800	68,800	39.5	278.9	74,100	77,200	45.1	287.8	70,300	85,500			215
220	30.0	256.2	66,000	66,000	37.1	272.3	71,900	74,000	43.0	282.5	68,100	82,800			220
225	26.9	246.6	63,300	63,300	34.6	265.2	69,700	70,900	40.8	276.7	65,900	79,300			225
230	23.3	235.5	60,800	60,800	31.9	257.3	67,700	68,000	38.4	270.5	63,900	76,000			230
235	19.2	222.1	58,400	58,400	28.9	248.5	65,300	65,300	36.0	263.7	61,900	72,800			235
240	13.8	204.2	56,000	56,000	25.6	238.4	62,700	62,700	33.4	256.3	60,100	69,800			240
245					21.9	226.6	60,200	60,200	30.6	248.0	58,200	67,000			245
250					17.4	211.9	57,800	57,800	27.5	238.7	56,500	64,300			250
260										20.0	215.0	53,200	59,300		260
270										6.3	169.3	49,900	54,400		270

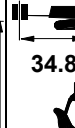
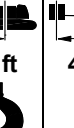
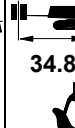
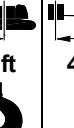
MLC300 VPC-MAX S-3

ASME B30.5



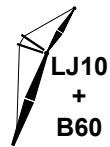
474,100 lb



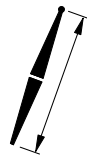
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85	73.5	372.2	100,400	100,400									85
90	72.1	370.6	100,100	100,100									90
95	70.7	368.8	99,700	99,700									95
100	69.3	366.9	99,200	99,200	70.9	368.4	98,300	98,300					100
105	67.9	364.9	98,700	98,700	69.5	366.5	98,100	98,100					105
110	66.5	362.7	96,800	96,800	68.0	364.5	97,800	97,800					110
115	65.0	360.4	94,500	94,500	66.6	362.3	97,500	97,500	69.0	364.4	94,600	94,600	115
120	63.5	357.9	92,000	92,000	65.1	360.0	95,600	95,600	67.5	362.4	94,700	94,700	120
125	62.0	355.2	89,400	89,400	63.7	357.5	93,200	93,200	66.1	360.2	94,600	94,600	125
130	60.5	352.4	86,900	86,900	62.2	354.9	90,800	90,800	64.6	357.8	94,500	94,500	130
135	59.0	349.4	84,500	84,500	60.7	352.1	88,300	88,300	63.1	355.2	92,900	92,900	135
140	57.4	346.2	82,000	82,000	59.1	349.1	85,900	85,900	61.6	352.5	90,600	90,600	140
145	55.8	342.8	79,500	79,500	57.5	345.9	83,400	83,400	60.1	349.7	88,300	88,300	145
150	54.2	339.2	77,100	77,100	55.9	342.5	80,900	80,900	58.6	346.6	86,000	86,000	150
155	52.5	335.4	74,700	74,700	54.3	338.9	78,500	78,500	57.0	343.4	83,700	83,700	155
160	50.8	331.3	72,300	72,300	52.7	335.1	76,100	76,100	55.4	339.9	81,300	81,300	160
165	49.0	327.0	70,000	70,000	51.0	331.1	73,700	73,700	53.7	336.3	78,900	78,900	165
170	47.2	322.4	67,600	67,600	49.2	326.8	71,300	71,300	52.1	332.4	76,500	76,500	170
175	45.4	317.5	65,400	65,400	47.4	322.2	69,000	69,000	50.3	328.3	74,200	74,200	175
180	43.5	312.3	63,200	63,200	45.6	317.4	66,700	66,700	48.6	323.9	71,800	71,800	180
185	41.5	306.6	60,900	60,900	43.7	312.2	64,400	64,400	46.8	319.2	69,500	69,500	185
190	39.4	300.6	58,800	58,800	41.7	306.6	62,200	62,200	44.9	314.2	67,300	67,300	190
195	37.2	294.1	56,600	56,600	39.6	300.6	60,000	60,000	43.0	308.9	65,000	65,000	195
200	34.9	287.1	54,500	54,500	37.5	294.2	57,800	57,800	41.0	303.2	62,700	62,700	200
205	32.5	279.4	52,400	52,400	35.2	287.2	55,600	55,600	38.9	297.0	60,500	60,500	205
210	29.9	270.9	50,400	50,400	32.8	279.5	53,500	53,500	36.7	290.4	58,300	58,300	210
215	27.1	261.4	48,400	48,400	30.2	271.1	51,500	51,500	34.3	283.2	56,100	56,100	215
220	23.9	250.5	46,400	46,400	27.4	261.7	49,400	49,400	31.9	275.3	53,900	53,900	220
225	20.3	237.7	44,600	44,600	24.2	251.0	47,400	47,400	29.2	266.6	51,900	51,900	225
230	15.8	221.6	42,800	42,800	20.7	238.5	45,500	45,500	26.3	256.7	49,800	49,800	230
235	9.4	197.8	37,600	37,600	16.3	222.9	43,700	43,700	23.0	245.5	47,800	47,800	235
240					10.2	200.3	40,100	40,100	19.2	232.0	45,900	45,900	240
245									14.5	214.7	44,000	44,000	245
250									6.7	185.8	39,600	39,600	250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-3

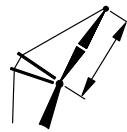
ASME B30.5



474,100 lb



157.5 ft

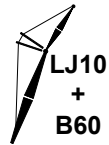


216.5 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.7	351.3	87,800	87,800									150
155	61.2	348.5	88,200	88,200									155
160	59.6	345.6	87,100	87,100									160
165	58.1	342.5	85,200	85,200									165
170	56.5	339.2	83,300	83,300									170
175	54.9	335.7	81,200	81,200									175
180	53.2	332.0	79,000	79,000	57.5	337.0	81,300	81,300					180
185	51.5	328.0	76,900	76,900	55.9	333.6	80,900	80,900					185
190	49.8	323.8	74,600	74,600	54.3	330.0	79,300	79,300					190
195	48.0	319.3	72,400	72,400	52.6	326.2	77,500	77,500					195
200	46.2	314.6	70,200	70,200	50.9	322.1	75,700	75,700					200
205	44.3	309.5	68,000	68,000	49.2	317.8	73,900	73,900	53.5	322.8	73,200	74,800	205
210	42.4	304.0	65,800	65,800	47.4	313.3	71,900	71,900	51.9	318.9	70,800	74,500	210
215	40.3	298.2	63,600	63,600	45.5	308.4	69,900	69,900	50.1	314.8	68,500	73,200	215
220	38.2	291.9	61,300	61,300	43.6	303.2	67,900	67,900	48.4	310.3	66,300	71,700	220
225	36.0	285.1	59,200	59,200	41.6	297.6	65,800	65,800	46.6	305.6	64,200	70,200	225
230	33.6	277.7	57,000	57,000	39.6	291.6	63,700	63,700	44.7	300.6	62,100	68,500	230
235	31.1	269.6	54,800	54,800	37.4	285.2	61,600	61,600	42.7	295.2	60,200	66,700	235
240	28.4	260.6	52,800	52,800	35.1	278.2	59,400	59,400	40.7	289.5	58,400	64,900	240
245	25.4	250.4	50,700	50,700	32.7	270.5	57,400	57,400	38.6	283.3	56,600	63,000	245
250	22.0	238.5	48,700	48,700	30.1	262.1	55,300	55,300	36.4	276.6	54,900	61,000	250
260	12.7	204.9	44,900	44,900	24.2	241.9	51,200	51,200	31.6	261.3	51,600	57,200	260
270					16.2	213.6	47,300	47,300	25.9	242.5	48,600	53,200	270
280									18.7	217.3	45,700	49,300	280
290									5.0	166.4	42,900	45,900	290

MLC300 VPC-MAX S-3

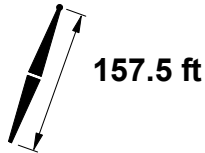
ASME B30.5



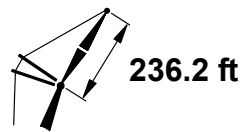
474,100 lb



360°



157.5 ft

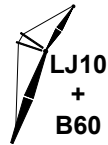


236.2 ft

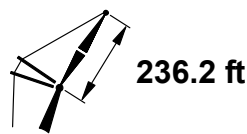
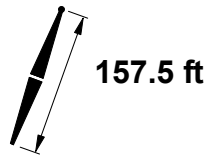
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	73.7	391.3	84,000	84,000									90
95	72.4	389.7	83,500	83,500									95
100	71.1	387.9	83,100	83,100									100
105	69.8	386.1	82,600	82,600	71.3	387.5	81,900	81,900					105
110	68.5	384.1	82,000	82,000	70.0	385.7	81,600	81,600					110
115	67.2	382.0	81,500	81,500	68.7	383.7	81,200	81,200					115
120	65.9	379.8	80,900	80,900	67.3	381.6	80,800	80,800					120
125	64.5	377.4	80,400	80,400	66.0	379.4	80,300	80,300	68.2	381.6	78,400	78,400	125
130	63.2	374.9	79,200	79,200	64.7	377.0	79,900	79,900	66.9	379.5	78,300	78,300	130
135	61.8	372.2	77,300	77,300	63.3	374.5	79,400	79,400	65.5	377.2	78,100	78,100	135
140	60.4	369.4	75,500	75,500	61.9	371.8	78,400	78,400	64.2	374.8	77,800	77,800	140
145	59.0	366.4	73,600	73,600	60.6	369.0	76,600	76,600	62.8	372.2	77,500	77,500	145
150	57.6	363.2	71,600	71,600	59.1	366.0	74,700	74,700	61.5	369.5	77,200	77,200	150
155	56.1	359.8	69,600	69,600	57.7	362.9	72,900	72,900	60.1	366.6	76,700	76,700	155
160	54.6	356.3	67,600	67,600	56.3	359.5	70,900	70,900	58.6	363.6	74,900	74,900	160
165	53.1	352.5	65,600	65,600	54.8	356.0	68,900	68,900	57.2	360.4	73,100	73,100	165
170	51.6	348.6	63,600	63,600	53.3	352.3	66,900	66,900	55.7	357.0	71,300	71,300	170
175	50.0	344.4	61,500	61,500	51.7	348.3	64,900	64,900	54.2	353.4	69,300	69,300	175
180	48.3	340.0	59,500	59,500	50.1	344.2	62,800	62,800	52.7	349.6	67,300	67,300	180
185	46.7	335.3	57,500	57,500	48.5	339.8	60,800	60,800	51.2	345.6	65,400	65,400	185
190	45.0	330.3	55,400	55,400	46.9	335.1	58,700	58,700	49.6	341.3	63,300	63,300	190
195	43.2	325.0	53,300	53,300	45.2	330.2	56,600	56,600	47.9	336.8	61,200	61,200	195
200	41.4	319.4	51,300	51,300	43.4	324.9	54,500	54,500	46.3	332.1	59,100	59,100	200
205	39.5	313.4	49,300	49,300	41.6	319.3	52,400	52,400	44.5	327.0	57,100	57,100	205
210	37.5	306.9	47,300	47,300	39.7	313.4	50,400	50,400	42.8	321.6	54,900	54,900	210
215	35.4	300.0	45,200	45,200	37.7	307.0	48,400	48,400	40.9	315.9	52,900	52,900	215
220	33.2	292.5	43,300	43,300	35.7	300.1	46,200	46,200	39.0	309.8	50,900	50,900	220
225	30.9	284.3	41,300	41,300	33.5	292.6	44,200	44,200	37.0	303.2	48,700	48,700	225
230	28.4	275.3	39,400	39,400	31.2	284.5	42,300	42,300	34.9	296.2	46,600	46,600	230
235	25.7	265.2	37,700	37,700	28.7	275.6	40,400	40,400	32.7	288.5	44,600	44,600	235
240	22.6	253.7	35,900	35,900	26.0	265.6	38,500	38,500	30.3	280.1	42,500	42,500	240
245	19.1	240.1	34,200	34,200	23.0	254.3	36,700	36,700	27.7	270.8	40,600	40,600	245
250	14.8	222.9	32,600	32,600	19.5	240.9	34,900	34,900	24.9	260.4	38,700	38,700	250
260					9.3	199.9	31,700	31,700	18.1	234.1	35,200	35,200	260
270									5.6	183.4	32,100	32,100	270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-3

ASME B30.5



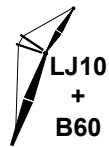
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.8	370.9	72,200	72,200									155
160	62.4	368.3	72,400	72,400									160
165	61.0	365.5	72,500	72,500									165
170	59.6	362.6	72,500	72,500									170
175	58.2	359.5	72,600	72,600									175
180	56.8	356.2	72,600	72,600									180
185	55.3	352.7	70,900	70,900									185
190	53.8	349.1	69,200	69,200	57.7	353.9	66,700	66,700					190
195	52.2	345.2	67,400	67,400	56.2	350.6	67,100	67,100					195
200	50.7	341.1	65,600	65,600	54.7	347.1	67,400	67,400					200
205	49.1	336.8	63,700	63,700	53.2	343.3	67,500	67,500					205
210	47.4	332.2	61,800	61,800	51.7	339.4	66,100	66,100					210
215	45.7	327.4	59,700	59,700	50.1	335.2	64,600	64,600					215
220	44.0	322.3	57,700	57,700	48.5	330.8	62,900	62,900	52.5	336.1	61,800	61,800	220
225	42.2	316.8	55,700	55,700	46.8	326.2	61,200	61,200	51.0	332.1	62,400	62,400	225
230	40.3	310.9	53,600	53,600	45.1	321.2	59,400	59,400	49.4	327.8	60,700	62,200	230
235	38.4	304.7	51,600	51,600	43.4	316.0	57,500	57,500	47.7	323.3	58,800	61,000	235
240	36.4	298.0	49,500	49,500	41.5	310.4	55,600	55,600	46.1	318.5	56,900	59,600	240
245	34.2	290.7	47,400	47,400	39.6	304.4	53,700	53,700	44.3	313.4	55,200	58,000	245
250	32.0	282.9	45,300	45,300	37.7	298.0	51,700	51,700	42.5	308.0	53,500	56,400	250
260	26.9	264.7	41,300	41,300	33.4	283.6	47,600	47,600	38.8	296.1	50,300	53,000	260
270	20.8	241.3	37,600	37,600	28.6	266.5	43,600	43,600	34.6	282.3	47,300	49,300	270
280	11.7	205.3	34,200	34,200	22.9	245.2	39,800	39,800	30.0	266.1	44,500	45,400	280
290					15.2	215.0	36,300	36,300	24.6	246.1	41,600	41,600	290
300									17.6	219.3	38,100	38,100	300
310									3.5	161.8	35,100	35,100	310

MLC300 VPC-MAX S-3

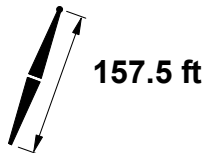
ASME B30.5



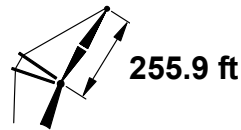
474,100 lb



360°



157.5 ft

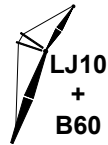


255.9 ft

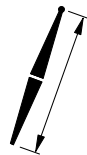
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95	73.8	410.3	69,600	69,600									95
100	72.6	408.7	69,100	69,100									100
105	71.4	407.1	68,600	68,600									105
110	70.3	405.3	68,100	68,100	71.6	406.6	67,700	67,700					110
115	69.1	403.3	67,500	67,500	70.4	404.8	67,300	67,300					115
120	67.9	401.3	67,000	67,000	69.2	402.9	66,800	66,800					120
125	66.6	399.1	66,400	66,400	68.0	400.9	66,400	66,400					125
130	65.4	396.8	65,800	65,800	66.8	398.7	65,900	65,900	68.8	400.8	64,600	64,600	130
135	64.2	394.4	65,300	65,300	65.5	396.4	65,400	65,400	67.5	398.8	64,300	64,300	135
140	62.9	391.9	64,700	64,700	64.3	394.0	64,900	64,900	66.3	396.6	64,000	64,000	140
145	61.6	389.2	64,100	64,100	63.0	391.5	64,400	64,400	65.1	394.3	63,700	63,700	145
150	60.3	386.3	63,600	63,600	61.8	388.8	63,900	63,900	63.8	391.8	63,300	63,300	150
155	59.0	383.3	62,900	62,900	60.5	386.0	63,400	63,400	62.6	389.2	63,000	63,000	155
160	57.7	380.2	61,100	61,100	59.2	383.0	63,000	63,000	61.3	386.5	62,600	62,600	160
165	56.4	376.8	59,300	59,300	57.8	379.8	62,200	62,200	60.0	383.6	62,200	62,200	165
170	55.0	373.3	57,500	57,500	56.5	376.5	60,400	60,400	58.7	380.5	61,800	61,800	170
175	53.6	369.7	55,600	55,600	55.1	373.1	58,600	58,600	57.4	377.3	61,400	61,400	175
180	52.2	365.8	53,800	53,800	53.8	369.4	56,800	56,800	56.0	374.0	60,600	60,600	180
185	50.8	361.7	51,900	51,900	52.3	365.6	55,000	55,000	54.6	370.4	58,900	58,900	185
190	49.3	357.4	50,000	50,000	50.9	361.5	53,000	53,000	53.3	366.7	57,100	57,100	190
195	47.8	352.9	48,100	48,100	49.4	357.2	51,100	51,100	51.8	362.8	55,300	55,300	195
200	46.2	348.1	46,100	46,100	47.9	352.7	49,100	49,100	50.4	358.7	53,400	53,400	200
205	44.6	343.1	44,200	44,200	46.4	348.0	47,200	47,200	48.9	354.3	51,500	51,500	205
210	43.0	337.8	42,300	42,300	44.8	343.0	45,200	45,200	47.4	349.7	49,500	49,500	210
215	41.3	332.1	40,400	40,400	43.2	337.7	43,300	43,300	45.8	344.9	47,600	47,600	215
220	39.6	326.1	38,500	38,500	41.5	332.1	41,400	41,400	44.2	339.8	45,500	45,500	220
225	37.7	319.7	36,600	36,600	39.7	326.1	39,400	39,400	42.6	334.4	43,600	43,600	225
230	35.8	312.9	34,700	34,700	37.9	319.8	37,500	37,500	40.9	328.7	41,600	41,600	230
235	33.9	305.5	32,900	32,900	36.0	313.0	35,600	35,600	39.1	322.6	39,600	39,600	235
240	31.7	297.6	31,100	31,100	34.1	305.7	33,700	33,700	37.3	316.1	37,700	37,700	240
245	29.5	288.9	29,400	29,400	32.0	297.8	31,900	31,900	35.3	309.1	35,700	35,700	245
250	27.1	279.4	27,700	27,700	29.7	289.2	30,100	30,100	33.3	301.6	33,800	33,800	250
260	21.5	256.6	24,400	24,400	24.7	269.2	26,600	26,600	28.9	284.6	30,200	30,200	260
270	13.9	224.0	21,400	21,400	18.5	243.2	23,400	23,400	23.7	263.8	26,700	26,700	270
280					8.4	199.1	20,600	20,600	17.1	236.0	23,500	23,500	280
290									4.4	179.9	20,800	20,800	290
300													300
310													310
320													320

MLC300 VPC-MAX S-3

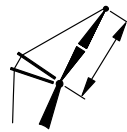
ASME B30.5



474,100 lb



157.5 ft

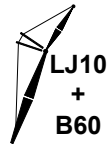


255.9 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	63.5	387.9	59,200	59,200									165
170	62.2	385.2	59,100	59,100									170
175	60.9	382.4	59,100	59,100									175
180	59.6	379.5	58,900	58,900									180
185	58.3	376.4	58,800	58,800									185
190	57.0	373.2	58,700	58,700									190
195	55.6	369.8	58,500	58,500									195
200	54.2	366.2	58,300	58,300	57.8	370.9	54,300	54,300					200
205	52.8	362.4	57,000	57,000	56.5	367.6	54,500	54,500					205
210	51.4	358.4	55,400	55,400	55.1	364.1	54,600	54,600					210
215	49.9	354.2	53,600	53,600	53.7	360.5	54,700	54,700					215
220	48.4	349.8	51,800	51,800	52.3	356.6	54,800	54,800					220
225	46.9	345.1	50,000	50,000	50.9	352.6	54,200	54,200					225
230	45.3	340.2	48,000	48,000	49.4	348.3	52,700	52,700	53.1	353.3	50,100	50,100	230
235	43.7	335.0	46,100	46,100	47.9	343.8	51,100	51,100	51.7	349.3	50,500	50,500	235
240	42.1	329.5	44,100	44,100	46.3	339.0	49,400	49,400	50.2	345.2	50,800	50,800	240
245	40.3	323.7	42,100	42,100	44.8	334.0	47,600	47,600	48.7	340.8	50,700	50,700	245
250	38.6	317.5	40,100	40,100	43.1	328.7	45,800	45,800	47.2	336.2	49,400	49,400	250
260	34.8	303.7	36,300	36,300	39.7	317.1	42,100	42,100	44.0	326.2	46,400	46,400	260
270	30.5	287.7	32,400	32,400	36.0	304.0	38,200	38,200	40.7	315.0	43,100	43,100	270
280	25.7	268.5	28,800	28,800	31.9	288.7	34,400	34,400	37.0	302.3	39,600	39,600	280
290	19.7	243.8	25,400	25,400	27.3	270.7	30,800	30,800	33.1	287.7	35,900	35,900	290
300	10.8	205.5	22,500	22,500	21.8	248.1	27,300	27,300	28.6	270.5	32,300	32,300	300
310					14.3	216.2	24,100	24,100	23.4	249.5	28,900	28,900	310
320									16.7	221.1	25,600	25,600	320

MLC300 VPC-MAX S-3

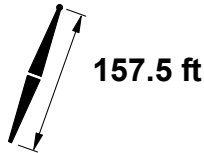
ASME B30.5



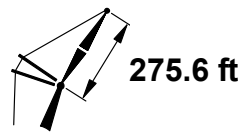
474,100 lb



360°



157.5 ft



275.6 ft

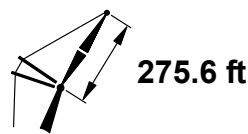
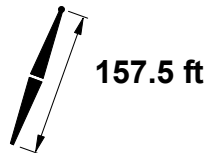
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.9	429.4	58,200	58,200									100
105	72.8	427.8	57,700	57,700									105
110	71.7	426.2	57,200	57,200									110
115	70.6	424.4	56,600	56,600	71.8	425.7	56,400	56,400					115
120	69.5	422.5	56,000	56,000	70.7	423.9	55,900	55,900					120
125	68.4	420.5	55,500	55,500	69.6	422.1	55,500	55,500					125
130	67.3	418.4	54,900	54,900	68.5	420.1	55,000	55,000					130
135	66.1	416.2	54,300	54,300	67.4	418.0	54,500	54,500					135
140	65.0	413.9	53,800	53,800	66.2	415.8	54,000	54,000	68.1	418.0	53,300	53,300	140
145	63.8	411.4	53,200	53,200	65.1	413.5	53,400	53,400	67.0	415.9	52,900	52,900	145
150	62.7	408.8	52,700	52,700	63.9	411.0	52,900	52,900	65.8	413.7	52,500	52,500	150
155	61.5	406.1	52,100	52,100	62.8	408.5	52,400	52,400	64.7	411.3	52,100	52,100	155
160	60.3	403.3	51,600	51,600	61.6	405.8	51,900	51,900	63.5	408.8	51,700	51,700	160
165	59.1	400.3	51,100	51,100	60.4	402.9	51,400	51,400	62.4	406.2	51,300	51,300	165
170	57.8	397.1	50,500	50,500	59.2	399.9	50,900	50,900	61.2	403.4	50,900	50,900	170
175	56.6	393.8	50,100	50,100	58.0	396.8	50,500	50,500	60.0	400.5	50,500	50,500	175
180	55.3	390.4	49,600	49,600	56.7	393.5	50,000	50,000	58.8	397.5	50,100	50,100	180
185	54.0	386.8	49,100	49,100	55.5	390.1	49,500	49,500	57.5	394.3	49,700	49,700	185
190	52.7	383.0	48,700	48,700	54.2	386.5	49,100	49,100	56.3	391.0	49,300	49,300	190
195	51.4	379.0	48,200	48,200	52.9	382.7	48,700	48,700	55.0	387.5	48,900	48,900	195
200	50.1	374.8	47,500	47,500	51.5	378.8	48,300	48,300	53.7	383.8	48,500	48,500	200
205	48.7	370.4	46,800	46,800	50.2	374.6	47,900	47,900	52.4	380.0	48,100	48,100	205
210	47.3	365.8	46,200	46,200	48.8	370.2	47,100	47,100	51.1	376.0	47,800	47,800	210
215	45.8	361.0	45,500	45,500	47.4	365.7	46,500	46,500	49.7	371.7	47,400	47,400	215
220	44.3	355.9	44,800	44,800	46.0	360.9	45,900	45,900	48.3	367.3	47,100	47,100	220
225	42.8	350.5	44,300	44,300	44.5	355.8	45,200	45,200	46.9	362.6	46,600	46,600	225
230	41.2	344.9	43,800	43,800	43.0	350.5	44,600	44,600	45.4	357.7	45,900	45,900	230
235	39.6	338.9	42,600	42,600	41.4	344.8	44,100	44,100	44.0	352.6	45,300	45,300	235
240	37.9	332.5	40,800	40,800	39.8	338.9	43,300	43,300	42.4	347.1	44,700	44,700	240
245	36.2	325.8	39,000	39,000	38.1	332.5	41,400	41,400	40.8	341.4	44,100	44,100	245
250	34.4	318.5	37,200	37,200	36.4	325.8	39,500	39,500	39.2	335.3	43,200	43,200	250
260	30.4	302.4	33,800	33,800	32.6	311.0	36,000	36,000	35.7	322.0	39,400	39,400	260
270	25.9	283.3	30,600	30,600	28.5	293.6	32,600	32,600	31.9	306.7	35,800	35,800	270
280	20.5	259.3	27,600	27,600	23.6	272.6	29,600	29,600	27.7	288.8	32,500	32,500	280
290	13.1	224.8	24,300	24,300	17.6	245.2	26,600	26,600	22.7	267.0	29,300	29,300	290
300					7.5	197.9	21,500	21,500	16.2	237.7	26,400	26,400	300
310									2.9	174.4	20,900	20,900	310
320													320
330													330
340													340

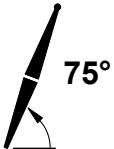
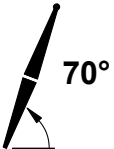
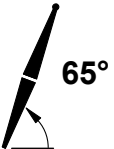
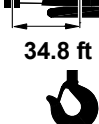
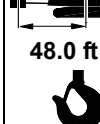
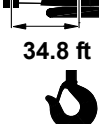
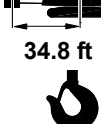
MLC300 VPC-MAX S-3

ASME B30.5



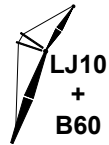
474,100 lb



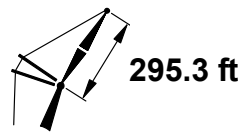
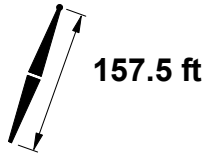
	 75°				 70°				 65°				
	 ft	 ft	 lb	 lb	 ft	 lb	 lb	 ft	 lb	 lb	 ft		
100												100	
105												105	
110												110	
115												115	
120												120	
125												125	
130												130	
135												135	
140												140	
145												145	
150												150	
155												155	
160												160	
165												165	
170												170	
175	63.2	404.9	48,700	48,700								175	
180	62.0	402.2	48,500	48,500								180	
185	60.8	399.4	48,300	48,300								185	
190	59.6	396.5	48,100	48,100								190	
195	58.4	393.4	47,800	47,800								195	
200	57.2	390.2	47,600	47,600								200	
205	55.9	386.8	47,400	47,400								205	
210	54.6	383.2	47,100	47,100	57.9	387.9	44,500	44,500				210	
215	53.3	379.5	46,900	46,900	56.7	384.6	44,400	44,400				215	
220	52.0	375.6	46,600	46,600	55.4	381.2	44,400	44,400				220	
225	50.7	371.5	46,400	46,400	54.2	377.6	44,400	44,400				225	
230	49.3	367.3	46,100	46,100	52.8	373.8	44,300	44,300				230	
235	47.9	362.8	45,900	45,900	51.5	369.8	44,200	44,200				235	
240	46.5	358.0	45,600	45,600	50.2	365.7	44,100	44,100	53.6	370.4	40,800	40,800	240
245	45.0	353.1	45,400	45,400	48.8	361.3	44,100	44,100	52.3	366.5	40,900	40,900	245
250	43.5	347.8	45,200	45,200	47.4	356.7	44,000	44,000	50.9	362.5	41,100	41,100	250
260	40.3	336.4	44,300	44,300	44.5	346.8	43,800	43,800	48.2	353.8	41,300	41,300	260
270	37.0	323.7	41,300	41,300	41.4	335.8	43,600	43,600	45.3	344.2	41,500	41,500	270
280	33.3	309.1	37,800	37,800	38.1	323.6	42,500	42,500	42.2	333.5	41,600	41,600	280
290	29.2	292.3	34,200	34,200	34.5	309.6	39,300	39,300	39.0	321.6	39,000	41,700	290
300	24.5	272.1	31,000	31,000	30.6	293.6	35,900	35,900	35.5	308.2	36,700	40,300	300
310	18.7	246.1	28,000	28,000	26.1	274.6	32,500	32,500	31.7	292.8	34,500	37,200	310
320	10.0	205.3	25,200	25,200	20.8	250.9	29,400	29,400	27.4	274.7	32,400	33,800	320
330					13.4	217.1	26,500	26,500	22.4	252.6	30,400	30,800	330
340									15.8	222.6	27,700	27,700	340

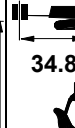
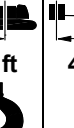
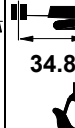
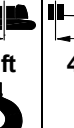
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



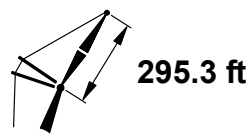
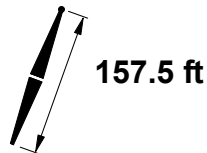
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	74.0	448.4	48,800	48,800									105
110	73.0	446.9	48,300	48,300									110
115	72.0	445.2	47,800	47,800									115
120	70.9	443.5	47,200	47,200									120
125	69.9	441.7	46,700	46,700	71.0	443.0	46,700	46,700					125
130	68.9	439.7	46,200	46,200	70.0	441.2	46,200	46,200					130
135	67.8	437.7	45,600	45,600	69.0	439.3	45,700	45,700					135
140	66.8	435.6	45,100	45,100	67.9	437.3	45,200	45,200					140
145	65.7	433.3	44,500	44,500	66.9	435.1	44,700	44,700	68.6	437.2	44,300	44,300	145
150	64.6	430.9	44,000	44,000	65.8	432.9	44,300	44,300	67.6	435.2	44,000	44,000	150
155	63.5	428.4	43,500	43,500	64.7	430.5	43,800	43,800	66.5	433.0	43,600	43,600	155
160	62.4	425.8	43,000	43,000	63.7	428.0	43,300	43,300	65.4	430.7	43,200	43,200	160
165	61.3	423.1	42,500	42,500	62.6	425.4	42,800	42,800	64.3	428.3	42,700	42,700	165
170	60.2	420.2	42,000	42,000	61.5	422.7	42,300	42,300	63.3	425.8	42,300	42,300	170
175	59.1	417.2	41,500	41,500	60.3	419.9	41,900	41,900	62.2	423.1	41,900	41,900	175
180	57.9	414.1	41,100	41,100	59.2	416.9	41,400	41,400	61.1	420.4	41,500	41,500	180
185	56.8	410.8	40,600	40,600	58.1	413.8	41,000	41,000	59.9	417.5	41,100	41,100	185
190	55.6	407.4	40,200	40,200	56.9	410.5	40,500	40,500	58.8	414.5	40,700	40,700	190
195	54.4	403.8	39,700	39,700	55.7	407.1	40,100	40,100	57.7	411.3	40,300	40,300	195
200	53.2	400.1	39,300	39,300	54.5	403.6	39,700	39,700	56.5	408.0	40,000	40,000	200
205	52.0	396.2	38,900	38,900	53.3	399.9	41,600	41,600	55.3	404.5	39,600	39,600	205
210	50.7	392.1	38,500	38,500	52.1	396.0	38,900	38,900	54.1	400.9	39,200	39,200	210
215	49.5	387.9	38,200	38,200	50.9	391.9	38,600	38,600	52.9	397.2	38,900	38,900	215
220	48.2	383.4	37,800	37,800	49.6	387.7	38,200	38,200	51.7	393.2	38,500	38,500	220
225	46.8	378.7	37,500	37,500	48.3	383.2	37,900	37,900	50.4	389.1	38,200	38,200	225
230	45.5	373.8	37,100	37,100	47.0	378.6	37,500	37,500	49.1	384.8	37,800	37,800	230
235	44.1	368.7	36,800	36,800	45.6	373.7	37,200	37,200	47.8	380.3	37,500	37,500	235
240	42.6	363.3	36,600	36,600	44.2	368.6	37,800	37,800	46.5	375.5	37,200	37,200	240
245	41.2	357.6	36,400	36,400	42.8	363.2	36,600	36,600	45.1	370.6	36,900	36,900	245
250	39.7	351.6	36,000	36,000	41.3	357.6	36,300	36,300	43.7	365.4	36,600	36,600	250
260	36.5	338.6	34,400	34,400	38.3	345.3	35,900	35,900	40.8	354.1	36,100	36,100	260
270	33.0	323.9	31,700	31,700	35.0	331.6	33,300	33,300	37.7	341.7	35,700	35,700	270
280	29.2	307.0	29,000	29,000	31.4	316.0	30,800	30,800	34.4	327.6	33,000	33,000	280
290	24.9	286.9	25,600	25,600	27.3	297.8	28,300	28,300	30.7	311.6	30,400	30,400	290
300	19.6	261.7	22,100	22,100	22.6	275.8	25,100	25,100	26.6	292.9	28,000	28,000	300
310	12.3	225.4	18,900	18,900	16.7	247.0	21,500	21,500	21.7	269.9	25,300	25,300	310
320					6.7	196.2	16,400	16,400	15.4	239.2	22,100	22,100	320
330													330
340													340
350													350
360													360

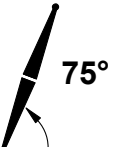
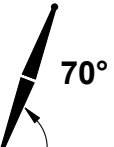
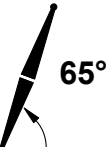
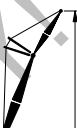
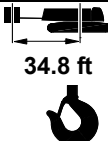
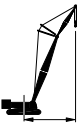
MLC300 VPC-MAX S-3

ASME B30.5



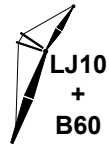
474,100 lb



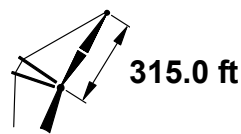
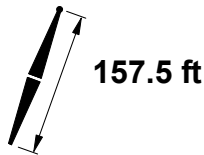
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180															180
185	62.9	421.8	40,000	40,000											185
190	61.8	419.2	39,800	39,800											190
195	60.7	416.4	39,500	39,500											195
200	59.6	413.4	39,200	39,200											200
205	58.5	410.4	39,000	39,000											205
210	57.3	407.2	38,700	38,700											210
215	56.1	403.8	38,400	38,400											215
220	55.0	400.3	38,200	38,200	58.0	404.9	36,300	36,300							220
225	53.8	396.6	37,900	37,900	56.9	401.6	36,200	36,200							225
230	52.5	392.8	37,600	37,600	55.7	398.2	36,100	36,100							230
235	51.3	388.8	37,300	37,300	54.5	394.6	36,000	36,000							235
240	50.0	384.6	37,100	37,100	53.3	390.9	35,900	35,900							240
245	48.7	380.3	36,800	36,800	52.1	387.0	35,700	35,700							245
250	47.4	375.7	36,600	36,600	50.8	383.0	35,600	35,600	54.0	387.5	33,100	33,100			250
260	44.7	365.9	36,100	36,100	48.3	374.3	35,300	35,300	51.5	379.8	33,200	33,200			260
270	41.8	355.0	35,700	35,700	45.6	364.7	35,000	35,000	49.0	371.3	33,300	33,300			270
280	38.8	343.0	35,300	35,300	42.8	354.2	34,700	34,700	46.3	362.0	33,300	33,300			280
290	35.6	329.6	34,100	34,100	39.8	342.6	34,500	34,500	43.6	351.8	33,300	33,300			290
300	32.0	314.3	31,500	31,500	36.6	329.7	34,300	34,300	40.6	340.5	33,200	33,200			300
310	28.1	296.6	29,000	29,000	33.2	315.0	32,400	32,400	37.5	327.9	32,800	33,200			310
320	23.5	275.4	26,600	26,600	29.4	298.2	29,900	29,900	34.1	313.8	30,700	33,100			320
330	17.9	248.2	24,100	24,100	25.0	278.3	27,500	27,500	30.5	297.6	28,800	30,600			330
340	9.3	204.9	21,400	21,400	19.8	253.4	25,200	25,200	26.3	278.7	26,900	28,200			340
350					12.7	217.8	22,700	22,700	21.4	255.4	25,200	26,000			350
360										15.0	224.0	23,500	23,800		360

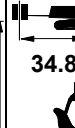
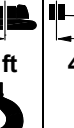
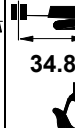
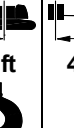
MLC300 VPC-MAX S-3

ASME B30.5



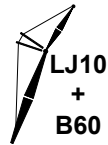
474,100 lb



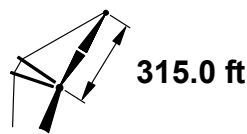
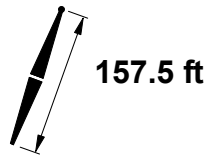
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115	73.1	465.9	40,300	40,300									115
120	72.2	464.3	39,800	39,800									120
125	71.2	462.6	39,300	39,300									125
130	70.3	460.8	38,700	38,700	71.3	462.1	38,900	38,900					130
135	69.3	458.9	38,200	38,200	70.3	460.4	38,400	38,400					135
140	68.3	456.9	37,700	37,700	69.4	458.5	37,900	37,900					140
145	67.3	454.8	37,200	37,200	68.4	456.5	37,400	37,400					145
150	66.3	452.6	36,700	36,700	67.4	454.4	36,900	36,900					150
155	65.3	450.3	36,100	36,100	66.4	452.2	36,400	36,400	68.0	454.4	36,300	36,300	155
160	64.3	447.9	35,700	35,700	65.4	449.9	36,000	36,000	67.1	452.3	36,000	36,000	160
165	63.3	445.4	35,200	35,200	64.4	447.5	35,500	35,500	66.1	450.1	35,500	35,500	165
170	62.3	442.8	34,700	34,700	63.4	445.0	35,000	35,000	65.1	447.8	35,100	35,100	170
175	61.2	440.0	34,200	34,200	62.4	442.4	34,600	34,600	64.1	445.3	34,700	34,700	175
180	60.2	437.2	33,800	33,800	61.3	439.7	34,100	34,100	63.0	442.8	34,300	34,300	180
185	59.1	434.2	33,300	33,300	60.3	436.8	33,700	33,700	62.0	440.1	33,900	33,900	185
190	58.0	431.1	32,900	32,900	59.2	433.9	33,300	33,300	61.0	437.3	33,500	33,500	190
195	57.0	427.8	32,500	32,500	58.2	430.7	32,900	32,900	59.9	434.4	33,100	33,100	195
200	55.9	424.4	32,100	32,100	57.1	427.5	32,400	32,400	58.8	431.4	32,700	32,700	200
205	54.7	420.9	31,700	31,700	56.0	424.1	32,000	32,000	57.8	428.3	32,300	32,300	205
210	53.6	417.2	31,300	31,300	54.9	420.6	31,700	31,700	56.7	425.0	31,900	31,900	210
215	52.5	413.4	31,000	31,000	53.7	417.0	31,300	31,300	55.6	421.6	31,600	31,600	215
220	51.3	409.4	30,600	30,600	52.6	413.2	30,900	30,900	54.5	418.0	31,200	31,200	220
225	50.1	405.2	30,300	30,300	51.4	409.2	30,600	30,600	53.3	414.3	30,900	30,900	225
230	48.9	400.9	29,900	29,900	50.2	405.0	30,200	30,200	52.2	410.4	30,500	30,500	230
235	47.7	396.4	29,600	29,600	49.0	400.7	29,900	29,900	51.0	406.4	30,200	30,200	235
240	46.4	391.6	29,300	29,300	47.8	396.2	29,600	29,600	49.8	402.2	29,900	29,900	240
245	45.2	386.7	29,000	29,000	46.6	391.5	29,300	29,300	48.6	397.8	29,600	29,600	245
250	43.8	381.5	28,700	28,700	45.3	386.5	29,000	29,000	47.4	393.2	29,300	29,300	250
260	41.1	370.4	28,200	28,200	42.6	376.0	28,400	28,400	44.8	383.4	28,700	28,700	260
270	38.2	358.1	27,700	27,700	39.9	364.4	28,000	28,000	42.2	372.7	28,200	28,200	270
280	35.2	344.4	27,300	27,300	36.9	351.5	27,500	27,500	39.3	360.8	27,700	27,700	280
290	31.8	329.0	24,100	24,100	33.7	337.1	27,200	27,200	36.3	347.7	27,400	27,400	290
300	28.1	311.3	19,300	19,300	30.2	320.7	23,300	23,300	33.1	333.0	26,900	26,900	300
310	23.9	290.3	14,700	14,700	26.3	301.7	18,200	18,200	29.6	316.2	24,600	24,600	310
320	18.8	264.0	10,500	10,500	21.7	278.8	13,500	13,500	25.6	296.6	18,800	18,800	320
330									20.8	272.7	13,800	13,800	330
340													340
350													350
360													360
370													370
380													380

MLC300 VPC-MAX S-3

ASME B30.5



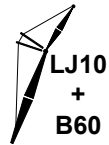
474,100 lb



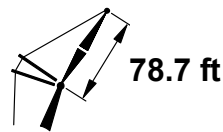
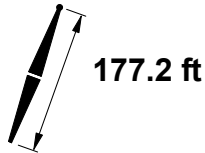
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190	63.7	441.4	32,800	32,800									190
195	62.7	438.8	32,500	32,500									195
200	61.7	436.1	32,200	32,200									200
205	60.6	433.3	31,900	31,900									205
210	59.6	430.4	31,700	31,700									210
215	58.5	427.3	31,400	31,400									215
220	57.4	424.1	31,100	31,100									220
225	56.4	420.8	30,800	30,800									225
230	55.2	417.3	30,500	30,500	58.1	421.8	29,300	29,300					230
235	54.1	413.7	30,200	30,200	57.0	418.6	29,200	29,200					235
240	53.0	410.0	29,900	29,900	56.0	415.2	29,100	29,100					240
245	51.8	406.0	29,700	29,700	54.8	411.7	28,900	28,900					245
250	50.7	402.0	29,400	29,400	53.7	408.0	28,700	28,700					250
260	48.2	393.2	28,900	28,900	51.4	400.2	28,400	28,400					260
270	45.7	383.7	28,400	28,400	49.0	391.7	28,000	28,000	52.0	397.0	26,600	26,600	270
280	43.1	373.4	27,900	27,900	46.5	382.5	27,700	27,700	49.7	388.7	26,500	26,500	280
290	40.3	361.9	27,500	27,500	44.0	372.4	27,300	27,300	47.2	379.7	26,400	26,400	290
300	37.4	349.3	27,200	27,200	41.2	361.3	27,000	27,000	44.7	369.8	26,300	26,300	300
310	34.3	335.2	26,800	26,800	38.4	349.1	26,700	26,700	42.0	359.0	26,100	26,100	310
320	30.8	319.2	25,600	25,600	35.3	335.5	26,400	26,400	39.2	347.1	25,900	25,900	320
330	27.0	300.7	23,400	23,400	32.0	320.2	26,200	26,200	36.2	333.9	25,800	25,800	330
340	22.6	278.6	17,400	17,400	28.3	302.6	24,200	24,200	32.9	319.1	25,600	25,700	340
350	17.1	250.1	12,300	12,300	24.1	281.8	21,400	21,400	29.3	302.2	23,900	24,900	350
360					19.0	255.8	15,300	15,300	25.3	282.4	22,200	22,800	360
370					12.0	218.4	10,600	10,600	20.5	258.1	18,500	18,500	370
380									14.3	225.2	13,000	13,000	380

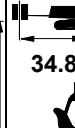
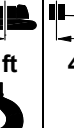
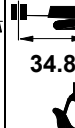
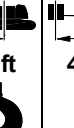
MLC300 VPC-MAX S-3

ASME B30.5



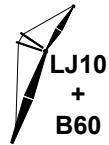
474,100 lb



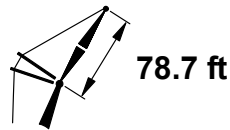
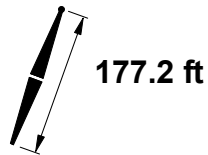
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50	71.7	258.8	291,400 d	291,400 d									50
55	67.8	256.8	266,400 c	266,400 c									55
60	63.7	254.3	240,300 b	240,300 b	68.7	256.6	285,700 c	285,700 c					60
65	59.5	251.4	219,300 b	219,300 b	64.7	254.2	269,100 b	269,100 b					65
70	55.1	247.9	201,900	201,900	60.5	251.4	243,200 b	243,200 b	68.1	254.8	288,400 c	288,400 c	70
75	50.4	243.8	187,300	187,300	56.2	248.1	222,400	222,400	64.1	252.3	277,400 b	277,400 b	75
80	45.3	238.9	175,100	175,100	51.5	244.1	205,200	205,200	59.9	249.4	267,000 b	267,000 b	80
85	39.7	233.1	164,800	164,800	46.6	239.5	190,900	190,900	55.5	246.0	246,500	246,500	85
90	33.3	225.8	156,300	156,300	41.1	233.9	178,800	178,800	50.8	242.0	226,300	226,300	90
95	25.3	216.1	149,800	149,800	34.9	227.0	168,700	168,700	45.8	237.2	209,600	209,600	95
100	12.9	199.7	146,300	146,300	27.4	218.0	160,700	160,700	40.2	231.4	195,600	195,600	100
105					16.8	204.3	155,100	155,100	33.9	224.3	184,100	184,100	105
110									26.1	214.8	174,500	174,500	110
115									14.4	199.6	167,800	167,800	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160

MLC300 VPC-MAX S-3

ASME B30.5



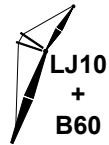
474,100 lb



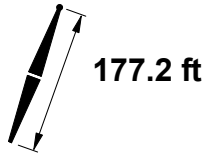
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.0	246.0	221,000 b	268,800 b									95
100	55.6	242.6	207,700	258,000									100
105	51.0	238.6	195,900	246,800									105
110	45.9	233.8	185,200	235,500									110
115	40.4	228.1	175,500	224,200	55.5	237.6	168,300	217,600					115
120	34.1	221.0	166,700	207,400	50.8	233.6	159,900	206,900					120
125	26.4	211.7	158,600	190,900	45.7	228.8	152,200	197,100					125
130	15.0	196.9	151,000	176,100	40.2	223.0	145,100	188,200					130
135					33.8	215.8	138,600	179,900	50.1	226.8	132,800	174,100	135
140					26.1	206.4	132,500	172,200	45.0	221.9	127,000	166,700	140
145					14.4	191.2	126,700	164,900	39.4	216.0	121,700	159,900	145
150									32.9	208.6	116,700	153,500	150
155									24.8	198.7	112,000	147,500	155
160									11.8	181.6	107,400	141,800	160

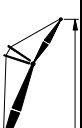
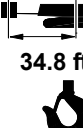
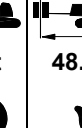
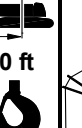
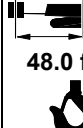
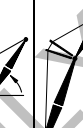
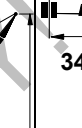
MLC300 VPC-MAX S-3

ASME B30.5



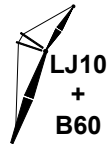
474,100 lb



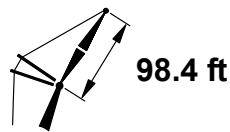
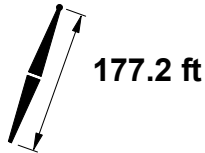
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
55	72.4	277.9	247,000 c	247,000 c									55
60	69.3	276.0	243,200 b	243,200 b									60
65	66.1	273.8	220,600 b	220,600 b	70.1	275.8	245,500 b	245,500 b					65
70	62.9	271.3	202,200	202,200	66.9	273.7	242,900 b	242,900 b					70
75	59.5	268.3	186,800	186,800	63.7	271.2	228,000	228,000					75
80	56.0	265.0	173,800	173,800	60.3	268.3	208,800	208,800	66.4	271.8	243,300 b	243,300 b	80
85	52.3	261.1	162,600	162,600	56.8	265.1	193,000	193,000	63.2	269.3	232,100	232,100	85
90	48.5	256.7	153,100	153,100	53.2	261.4	179,600	179,600	59.8	266.4	221,200	221,200	90
95	44.3	251.7	144,800	144,800	49.4	257.1	168,300	168,300	56.3	263.1	210,700	210,700	95
100	39.8	245.8	137,600	137,600	45.3	252.3	158,500	158,500	52.6	259.3	200,800	200,800	100
105	34.8	238.9	131,600	131,600	40.9	246.6	150,000	150,000	48.8	254.9	187,800	187,800	105
110	29.1	230.3	126,600	126,600	36.1	239.9	142,800	142,800	44.7	250.0	176,200	176,200	110
115	21.9	219.0	122,900	122,900	30.5	231.8	136,800	136,800	40.2	244.2	166,200	166,200	115
120	10.1	199.4	115,400	115,400	23.8	221.4	132,000	132,000	35.3	237.3	157,700	157,700	120
125					14.0	205.2	126,900	126,900	29.6	228.9	150,500	150,500	125
130									22.6	217.9	144,700	144,700	130
135									11.7	199.9	128,400	128,400	135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180

MLC300 VPC-MAX S-3

ASME B30.5



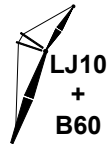
474,100 lb



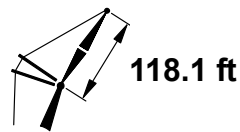
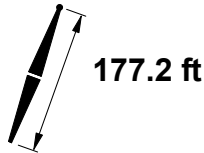
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	63.3	265.8	206,500	231,900									100
105	59.9	263.0	194,700	222,400									105
110	56.4	259.6	184,100	212,800									110
115	52.8	255.9	174,500	203,300									115
120	48.9	251.6	165,800	194,300									120
125	44.8	246.6	157,900	185,700	56.3	254.7	151,000	195,900					125
130	40.4	240.8	150,500	177,700	52.6	250.9	144,000	187,000					130
135	35.5	234.0	143,800	168,000	48.8	246.5	137,500	178,800					135
140	29.8	225.7	137,600	156,800	44.7	241.5	131,600	171,300					140
145	22.9	214.8	131,700	146,700	40.2	235.7	126,100	164,300	52.1	244.2	120,400	158,600	145
150	12.2	197.3	126,200	137,200	35.3	228.9	121,000	157,800	48.3	239.8	115,500	152,400	150
155					29.6	220.5	116,100	151,700	44.1	234.7	111,000	146,500	155
160					22.6	209.5	111,600	146,000	39.6	228.8	106,700	141,100	160
165					11.6	191.4	107,200	137,300	34.6	221.7	102,700	135,900	165
170									28.8	213.1	98,900	131,100	170
175									21.4	201.6	95,300	126,500	175
180									9.1	180.9	91,700	122,000	180

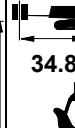
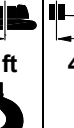
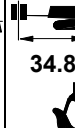
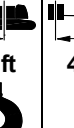
MLC300 VPC-MAX S-3

ASME B30.5



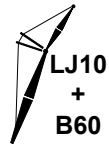
474,100 lb



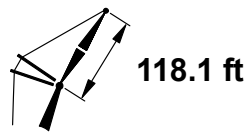
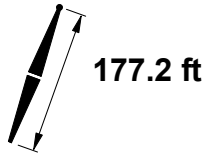
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	72.9	297.0	211,300 b	211,300 b									60
65	70.3	295.2	202,300 b	202,300 b									65
70	67.7	293.2	193,500	193,500	71.0	295.0	205,500 b	205,500 b					70
75	65.0	290.9	184,900	184,900	68.4	293.0	197,000	197,000					75
80	62.3	288.2	174,500	174,500	65.7	290.7	188,600	188,600					80
85	59.5	285.3	162,800	162,800	63.0	288.2	180,400	180,400	67.9	291.2	196,200	196,200	85
90	56.6	282.0	152,600	152,600	60.2	285.3	172,500	172,500	65.3	288.9	188,400	188,400	90
95	53.6	278.3	143,800	143,800	57.3	282.1	165,100	165,100	62.5	286.3	180,700	180,700	95
100	50.4	274.2	136,000	136,000	54.3	278.5	158,000	158,000	59.7	283.3	173,100	173,100	100
105	47.2	269.6	129,200	129,200	51.2	274.5	150,600	150,600	56.8	280.1	165,800	165,800	105
110	43.7	264.5	123,200	123,200	48.0	270.1	142,500	142,500	53.8	276.4	158,800	158,800	110
115	39.9	258.6	118,000	118,000	44.5	265.0	135,400	135,400	50.7	272.4	152,200	152,200	115
120	35.8	251.8	113,400	113,400	40.8	259.3	129,200	129,200	47.4	267.8	145,500	145,500	120
125	31.3	243.9	109,500	109,500	36.9	252.8	123,800	123,800	44.0	262.7	139,100	139,100	125
130	26.0	234.2	106,400	106,400	32.4	245.2	119,000	119,000	40.3	256.9	132,900	132,900	130
135	19.3	221.4	104,200	104,200	27.4	236.0	115,100	115,100	36.2	250.2	126,900	126,900	135
140	7.8	198.2	91,400	91,400	21.1	224.1	111,100	111,100	31.7	242.4	121,300	121,300	140
145					11.8	205.6	100,600	100,600	26.5	232.9	116,100	116,100	145
150									20.0	220.5	111,300	111,300	150
155									9.5	199.4	101,900	101,900	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

MLC300 VPC-MAX S-3

ASME B30.5



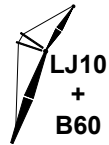
474,100 lb



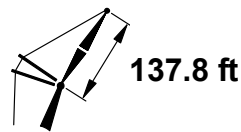
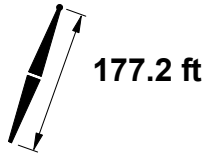
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.6	282.8	180,500	180,500									110
115	59.8	279.9	173,700	173,800									115
120	57.0	276.7	165,000	167,100									120
125	54.0	273.0	157,100	160,500									125
130	50.8	269.0	149,800	154,100									130
135	47.6	264.5	143,200	147,500	56.8	271.7	136,600	165,600					135
140	44.1	259.4	137,000	141,000	53.8	268.0	130,700	159,900					140
145	40.4	253.6	131,300	134,700	50.7	264.0	125,300	154,100					145
150	36.4	247.0	125,900	128,700	47.4	259.4	120,200	147,900					150
155	31.9	239.2	121,000	122,900	44.0	254.3	115,500	141,700	53.4	261.4	110,100	145,600	155
160	26.7	229.7	116,300	117,600	40.2	248.5	111,100	135,400	50.3	257.3	105,800	140,200	160
165	20.3	217.4	111,900	112,700	36.2	241.8	106,900	129,500	47.0	252.6	101,900	135,100	165
170	10.1	197.1	107,700	108,200	31.7	234.0	103,000	123,800	43.5	247.4	98,200	130,400	170
175					26.5	224.5	99,300	118,400	39.7	241.5	94,700	125,900	175
180					20.0	212.0	95,800	113,500	35.6	234.7	91,400	121,700	180
185					9.4	190.9	92,400	109,100	31.1	226.7	88,300	117,700	185
190									25.7	216.9	85,300	113,900	190
195									18.9	203.8	82,400	110,200	195
200									6.7	179.1	79,600	106,600	200

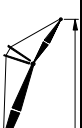
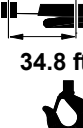
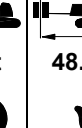
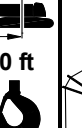
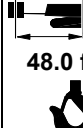
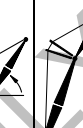
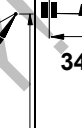
MLC300 VPC-MAX S-3

ASME B30.5



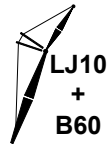
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
65	73.3	316.1	180,900	180,900									65
70	71.1	314.4	174,100	174,100									70
75	68.8	312.4	167,400	167,400	71.6	314.1	176,500	176,500					75
80	66.6	310.3	160,800	160,800	69.4	312.2	170,000	170,000					80
85	64.3	307.9	154,500	154,500	67.1	310.1	163,600	163,600					85
90	61.9	305.2	147,600	147,600	64.8	307.7	157,400	157,400					90
95	59.5	302.2	140,600	140,600	62.5	305.1	150,700	150,700	66.8	308.3	163,300	163,300	95
100	57.0	299.0	133,900	133,900	60.1	302.2	143,500	143,500	64.5	305.9	157,400	157,400	100
105	54.5	295.4	127,600	127,600	57.6	299.1	136,700	136,700	62.1	303.2	150,600	150,600	105
110	51.8	291.5	121,700	121,700	55.1	295.6	130,300	130,300	59.7	300.3	143,700	143,700	110
115	49.1	287.2	116,200	116,200	52.5	291.8	124,300	124,300	57.2	297.1	137,000	137,000	115
120	46.2	282.5	110,900	110,900	49.7	287.6	118,600	118,600	54.7	293.6	130,700	130,700	120
125	43.2	277.2	106,000	106,000	46.9	282.9	113,200	113,200	52.1	289.7	124,600	124,600	125
130	40.0	271.3	101,300	101,300	43.9	277.8	108,000	108,000	49.3	285.4	119,000	119,000	130
135	36.5	264.7	96,800	96,800	40.8	272.1	103,200	103,200	46.5	280.7	113,500	113,500	135
140	32.8	257.2	92,600	92,600	37.4	265.7	98,500	98,500	43.5	275.5	108,300	108,300	140
145	28.5	248.3	88,600	88,600	33.7	258.4	94,200	94,200	40.3	269.7	103,400	103,400	145
150	23.6	237.6	84,900	84,900	29.6	249.9	90,200	90,200	36.8	263.1	98,700	98,700	150
155	17.3	223.3	81,600	81,600	24.9	239.6	86,300	86,300	33.1	255.7	94,400	94,400	155
160	5.7	195.8	73,500	73,500	19.0	226.5	82,800	82,800	28.9	246.9	90,200	90,200	160
165					10.0	205.3	79,700	79,700	24.1	236.4	86,500	86,500	165
170									17.9	222.5	82,900	82,900	170
175									7.6	198.1	79,800	79,800	175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

MLC300 VPC-MAX S-3

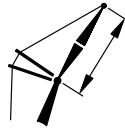
ASME B30.5



474,100 lb



177.2 ft

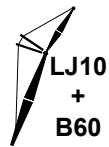


137.8 ft

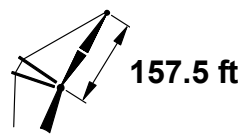
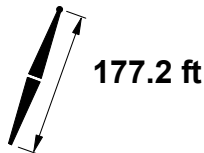
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.2	299.8	150,400	150,400									120
125	59.8	296.9	144,200	144,200									125
130	57.3	293.7	137,900	137,900									130
135	54.8	290.1	131,800	131,800									135
140	52.2	286.3	125,900	125,900									140
145	49.4	282.0	120,300	120,300	57.2	288.7	123,900	136,500					145
150	46.6	277.3	114,800	114,800	54.7	285.1	118,900	131,100					150
155	43.6	272.1	109,600	109,600	52.0	281.3	114,200	125,700					155
160	40.4	266.3	104,600	104,600	49.3	277.0	109,800	120,500					160
165	37.0	259.8	100,000	100,000	46.5	272.3	105,700	115,100					165
170	33.3	252.4	95,500	95,500	43.5	267.1	101,900	110,000	51.7	274.6	96,800	123,700	170
175	29.1	243.7	91,400	91,400	40.3	261.2	98,200	105,200	48.9	270.3	93,400	119,000	175
180	24.3	233.2	87,500	87,500	36.8	254.7	94,800	100,500	46.1	265.5	90,100	114,200	180
185	18.2	219.5	83,900	83,900	33.1	247.2	91,600	96,100	43.0	260.2	87,000	109,500	185
190	8.2	196.1	80,800	80,800	28.9	238.5	88,500	92,000	39.8	254.3	84,100	104,700	190
195					24.1	227.9	85,600	88,000	36.4	247.6	81,400	100,200	195
200					17.9	214.1	82,800	84,500	32.6	240.0	78,700	96,000	200
205					7.5	189.6	80,000	81,300	28.3	231.1	76,200	91,900	205
210									23.3	220.2	73,800	88,100	210
215									16.9	205.7	71,500	84,600	215
220									4.1	175.3	69,100	81,600	220

MLC300 VPC-MAX S-3

ASME B30.5



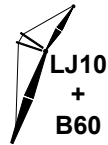
474,100 lb



85°					83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70	73.5	335.2	149,500	149,500									70
75	71.6	333.5	144,300	144,300									75
80	69.7	331.6	139,000	139,000									80
85	67.7	329.6	134,000	134,000	70.1	331.4	141,000	141,000					85
90	65.7	327.3	129,200	129,200	68.2	329.4	136,100	136,100					90
95	63.7	324.8	124,200	124,200	66.2	327.2	131,400	131,400					95
100	61.6	322.1	119,200	119,200	64.2	324.7	126,600	126,600	67.9	327.6	135,600	135,600	100
105	59.5	319.2	114,200	114,200	62.1	322.1	121,500	121,500	65.9	325.3	131,200	131,200	105
110	57.3	316.0	109,300	109,300	60.0	319.2	116,600	116,600	63.8	322.9	126,600	126,600	110
115	55.1	312.5	104,500	104,500	57.9	316.1	111,600	111,600	61.8	320.2	121,800	121,800	115
120	52.8	308.7	99,900	99,900	55.6	312.7	106,700	106,700	59.7	317.2	116,800	116,800	120
125	50.5	304.6	95,400	95,400	53.4	309.0	102,000	102,000	57.5	314.1	111,900	111,900	125
130	48.0	300.2	91,200	91,200	51.1	304.9	97,400	97,400	55.3	310.6	107,200	107,200	130
135	45.5	295.3	86,900	86,900	48.6	300.6	93,000	93,000	53.0	306.9	102,400	102,400	135
140	42.8	290.0	83,000	83,000	46.1	295.8	88,800	88,800	50.7	302.8	97,900	97,900	140
145	40.0	284.1	79,200	79,200	43.5	290.6	84,700	84,700	48.3	298.4	93,400	93,400	145
150	37.0	277.6	75,700	75,700	40.7	284.8	80,900	80,900	45.7	293.5	89,100	89,100	150
155	33.8	270.3	72,300	72,300	37.8	278.5	77,200	77,200	43.1	288.2	85,000	85,000	155
160	30.3	262.0	69,100	69,100	34.6	271.4	73,800	73,800	40.3	282.4	81,200	81,200	160
165	26.3	252.3	66,000	66,000	31.2	263.3	70,400	70,400	37.3	276.0	77,600	77,600	165
170	21.7	240.5	63,100	63,100	27.3	254.0	67,300	67,300	34.1	268.7	74,100	74,100	170
175	15.7	224.8	60,400	60,400	22.9	242.8	64,300	64,300	30.6	260.5	70,800	70,800	175
180	3.2	190.9	57,800	57,800	17.3	228.4	61,500	61,500	26.7	251.0	67,600	67,600	180
185					8.4	204.5	58,900	58,900	22.1	239.4	64,700	64,700	185
190									16.3	224.2	61,800	61,800	190
195									5.8	195.8	59,200	59,200	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235

MLC300 VPC-MAX S-3

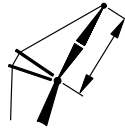
ASME B30.5



474,100 lb



177.2 ft

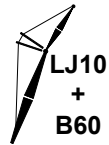


157.5 ft

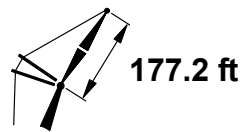
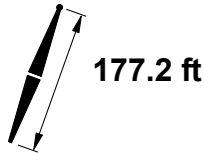
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.9	319.4	125,600	125,600									125
130	61.9	316.7	121,600	121,600									130
135	59.7	313.8	117,200	117,200									135
140	57.6	310.6	112,700	112,700									140
145	55.4	307.2	108,100	108,100									145
150	53.1	303.5	103,600	103,600									150
155	50.8	299.4	99,100	99,100	57.5	305.7	111,500	111,500					155
160	48.3	295.0	94,700	94,700	55.3	302.2	107,400	107,400					160
165	45.8	290.2	90,400	90,400	53.0	298.5	103,300	103,300					165
170	43.2	284.9	86,300	86,300	50.7	294.4	99,200	99,200					170
175	40.4	279.1	82,400	82,400	48.3	290.0	95,000	95,000					175
180	37.4	272.7	78,900	78,900	45.7	285.1	90,900	90,900	52.7	291.8	88,600	101,500	180
185	34.2	265.5	75,300	75,300	43.1	279.8	87,000	87,000	50.4	287.7	85,500	97,900	185
190	30.8	257.3	72,000	72,000	40.3	274.0	83,200	83,200	47.9	283.2	82,700	94,200	190
195	26.8	247.8	68,800	68,800	37.3	267.5	79,500	79,500	45.4	278.3	79,900	90,400	195
200	22.3	236.3	65,800	65,800	34.1	260.3	76,000	76,000	42.7	272.9	77,300	86,700	200
205	16.5	221.3	63,000	63,000	30.6	252.1	72,800	72,800	39.9	267.0	74,900	83,100	205
210	6.5	194.2	60,300	60,300	26.7	242.5	69,600	69,600	36.9	260.5	72,500	79,600	210
215					22.1	231.0	66,600	66,600	33.7	253.2	70,200	76,200	215
220					16.3	215.7	63,800	63,800	30.1	244.8	68,000	72,900	220
225					5.7	187.3	61,200	61,200	26.1	235.0	65,900	69,900	225
230									21.4	223.1	63,800	67,000	230
235									15.3	207.1	61,800	64,200	235

MLC300 VPC-MAX S-3

ASME B30.5



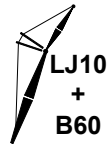
474,100 lb



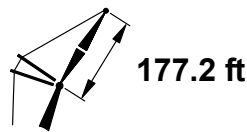
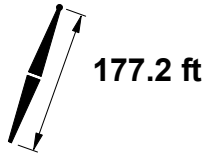
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	73.7	354.2	131,900	131,900									75
80	72.0	352.6	128,100	128,100									80
85	70.3	350.8	123,900	123,900									85
90	68.6	348.8	119,500	119,500	70.7	350.5	125,500	125,500					90
95	66.8	346.7	115,100	115,100	69.0	348.6	121,200	121,200					95
100	65.0	344.4	110,700	110,700	67.2	346.5	116,900	116,900					100
105	63.2	341.8	106,500	106,500	65.4	344.2	112,600	112,600	68.7	346.8	120,400	120,400	105
110	61.4	339.1	102,300	102,300	63.6	341.7	108,500	108,500	67.0	344.7	116,500	116,500	110
115	59.5	336.2	98,400	98,400	61.8	339.0	104,400	104,400	65.2	342.3	112,500	112,500	115
120	57.6	333.0	94,400	94,400	59.9	336.2	100,300	100,300	63.4	339.8	108,600	108,600	120
125	55.6	329.6	90,600	90,600	58.0	333.0	96,400	96,400	61.5	337.1	104,600	104,600	125
130	53.6	325.9	86,800	86,800	56.1	329.7	92,500	92,500	59.7	334.2	100,700	100,700	130
135	51.5	321.9	83,100	83,100	54.1	326.1	88,600	88,600	57.7	331.1	96,800	96,800	135
140	49.4	317.7	79,600	79,600	52.0	322.2	85,000	85,000	55.8	327.7	92,900	92,900	140
145	47.2	313.1	76,200	76,200	49.9	318.0	81,300	81,300	53.8	324.0	89,100	89,100	145
150	44.9	308.1	73,000	73,000	47.8	313.5	77,800	77,800	51.7	320.1	85,400	85,400	150
155	42.6	302.7	69,800	69,800	45.5	308.6	74,500	74,500	49.6	315.8	81,800	81,800	155
160	40.1	296.8	66,800	66,800	43.1	303.3	71,300	71,300	47.4	311.3	78,300	78,300	160
165	37.4	290.4	63,900	63,900	40.7	297.6	68,200	68,200	45.1	306.3	74,900	74,900	165
170	34.6	283.3	61,100	61,100	38.1	291.3	65,200	65,200	42.8	301.0	71,700	71,700	170
175	31.6	275.4	58,400	58,400	35.3	284.3	62,400	62,400	40.3	295.2	68,600	68,600	175
180	28.3	266.3	55,900	55,900	32.3	276.6	59,700	59,700	37.7	288.8	65,600	65,600	180
185	24.5	255.8	53,500	53,500	29.1	267.9	57,000	57,000	34.9	281.7	62,700	62,700	185
190	20.1	243.1	51,200	51,200	25.4	257.8	54,500	54,500	31.9	273.9	59,900	59,900	190
195	14.3	225.9	49,100	49,100	21.2	245.7	52,200	52,200	28.6	265.0	57,300	57,300	195
200					15.9	229.9	50,000	50,000	24.8	254.6	54,900	54,900	200
205					7.0	202.9	48,000	48,000	20.5	242.1	52,500	52,500	205
210									14.9	225.5	50,300	50,300	210
215									3.8	191.6	48,300	48,300	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

ASME B30.5



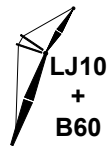
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	63.4	336.4	107,700	107,700									135
140	61.6	333.7	104,300	104,300									140
145	59.7	330.8	100,900	100,900									145
150	57.8	327.6	97,300	97,300									150
155	55.9	324.2	93,700	93,700									155
160	53.9	320.6	90,000	90,000									160
165	51.8	316.7	86,400	86,400	57.7	322.6	95,800	95,800					165
170	49.7	312.5	82,800	82,800	55.8	319.2	92,800	92,800					170
175	47.5	307.9	79,500	79,500	53.8	315.6	89,500	89,500					175
180	45.2	303.0	76,100	76,100	51.7	311.7	86,300	86,300					180
185	42.9	297.6	72,800	72,800	49.6	307.4	82,900	82,900					185
190	40.4	291.8	69,700	69,700	47.4	302.9	79,700	79,700	53.5	309.0	81,000	87,500	190
195	37.8	285.5	66,700	66,700	45.1	297.9	76,500	76,500	51.4	305.0	78,200	84,800	195
200	35.0	278.4	63,900	63,900	42.8	292.6	73,300	73,300	49.3	300.7	75,600	81,900	200
205	32.0	270.6	61,100	61,100	40.3	286.7	70,300	70,300	47.1	296.1	73,100	79,000	205
210	28.7	261.7	58,400	58,400	37.7	280.4	67,300	67,300	44.8	291.1	70,700	76,000	210
215	25.0	251.5	55,900	55,900	34.9	273.3	64,500	64,500	42.4	285.7	68,500	73,100	215
220	20.6	239.0	53,500	53,500	31.9	265.4	61,700	61,700	39.9	279.8	66,300	70,100	220
225	15.1	222.6	51,300	51,300	28.6	256.5	59,100	59,100	37.3	273.3	64,200	67,300	225
230	4.8	191.1	49,300	49,300	24.8	246.2	56,600	56,600	34.5	266.2	62,200	64,600	230
235					20.5	233.6	54,200	54,200	31.4	258.2	60,300	61,900	235
240					14.8	217.0	52,000	52,000	28.1	249.1	58,400	59,400	240
245					3.7	183.0	50,000	50,000	24.3	238.5	56,600	56,900	245
250									19.8	225.6	54,600	54,600	250

MLC300 VPC-MAX S-3

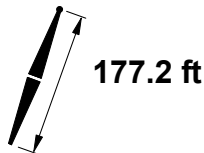
ASME B30.5



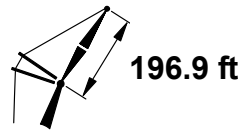
474,100 lb



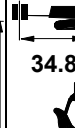
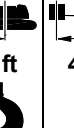
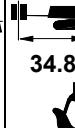
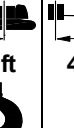
360°



177.2 ft

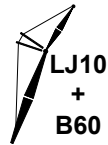


196.9 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
80	73.9	373.3	113,700	113,700									80
85	72.3	371.7	112,800	112,800									85
90	70.8	369.9	112,600	112,600									90
95	69.3	368.0	112,300	112,300	71.2	369.6	111,300	111,300					95
100	67.7	366.0	110,000	110,000	69.6	367.8	111,400	111,400					100
105	66.1	363.8	107,600	107,600	68.1	365.8	111,300	111,300					105
110	64.5	361.4	105,000	105,000	66.5	363.6	109,200	109,200					110
115	62.8	358.8	102,500	102,500	64.9	361.2	106,800	106,800	67.8	364.0	107,900	107,900	115
120	61.2	356.1	100,000	100,000	63.2	358.7	104,400	104,400	66.2	361.7	108,300	108,300	120
125	59.5	353.1	97,500	97,500	61.6	356.0	102,000	102,000	64.6	359.4	106,900	106,900	125
130	57.8	350.0	95,100	95,100	59.9	353.1	99,600	99,600	63.0	356.8	104,900	104,900	130
135	56.0	346.6	92,600	92,600	58.2	350.0	97,200	97,200	61.3	354.1	102,700	102,700	135
140	54.2	343.0	90,200	90,200	56.4	346.7	94,800	94,800	59.6	351.2	100,500	100,500	140
145	52.4	339.2	87,800	87,800	54.7	343.2	92,400	92,400	57.9	348.0	98,200	98,200	145
150	50.5	335.1	85,600	85,600	52.8	339.4	90,000	90,000	56.2	344.7	96,000	96,000	150
155	48.6	330.7	82,700	82,700	51.0	335.3	87,700	87,700	54.4	341.1	93,700	93,700	155
160	46.6	326.0	80,000	80,000	49.0	331.0	85,400	85,400	52.5	337.3	91,400	91,400	160
165	44.5	320.9	77,400	77,400	47.1	326.4	83,100	83,100	50.7	333.2	89,100	89,100	165
170	42.3	315.5	75,100	75,100	45.0	321.4	80,800	80,800	48.7	328.8	86,800	86,800	170
175	40.1	309.6	72,700	72,700	42.9	316.1	78,500	78,500	46.7	324.2	84,600	84,600	175
180	37.7	303.2	70,100	70,100	40.6	310.3	76,100	76,100	44.7	319.1	82,300	82,300	180
185	35.2	296.3	67,600	67,600	38.3	304.1	73,900	73,900	42.5	313.7	80,000	80,000	185
190	32.6	288.6	65,300	65,300	35.9	297.3	71,500	71,500	40.3	307.9	77,600	77,600	190
195	29.7	280.0	63,100	63,100	33.2	289.8	68,500	68,500	38.0	301.6	74,400	74,400	195
200	26.5	270.3	61,200	61,200	30.4	281.4	65,800	65,800	35.5	294.7	71,300	71,300	200
205	22.9	259.1	59,200	59,200	27.3	272.1	63,000	63,000	32.8	287.1	68,400	68,400	205
210	18.7	245.3	56,700	56,700	23.8	261.2	60,400	60,400	30.0	278.6	65,600	65,600	210
215	13.1	226.7	50,400	50,400	19.8	248.2	57,800	57,800	26.8	269.0	63,000	63,000	215
220					14.6	231.1	54,300	54,300	23.3	257.9	60,400	60,400	220
225					5.6	200.5	45,000	45,000	19.1	244.4	58,000	58,000	225
230									13.6	226.4	55,600	55,600	230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-3

ASME B30.5



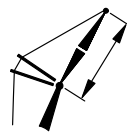
474,100 lb



360°



177.2 ft

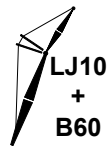


196.9 ft

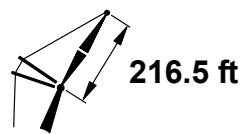
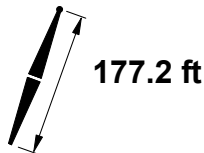
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	63.0	353.4	100,600	100,600									145
150	61.4	350.6	101,500	101,500									150
155	59.7	347.7	100,000	100,000									155
160	58.0	344.6	98,300	98,300									160
165	56.2	341.3	96,500	96,500									165
170	54.4	337.7	94,600	94,600									170
175	52.6	333.9	92,600	92,600	57.9	339.6	93,300	93,300					175
180	50.7	329.8	90,600	90,600	56.2	336.3	91,100	94,100					180
185	48.8	325.5	88,500	88,500	54.4	332.7	88,000	92,900					185
190	46.8	320.8	86,400	86,400	52.5	328.9	85,000	91,500					190
195	44.8	315.8	84,300	84,300	50.7	324.8	82,200	90,000					195
200	42.6	310.4	81,800	81,800	48.7	320.4	79,500	88,300					200
205	40.4	304.6	78,200	78,200	46.7	315.8	77,000	86,600	52.3	322.2	71,700	87,300	205
210	38.0	298.3	75,000	75,000	44.7	310.7	74,500	84,800	50.4	318.1	69,400	87,200	210
215	35.6	291.4	71,800	71,800	42.5	305.3	72,200	82,000	48.5	313.7	67,100	86,300	215
220	32.9	283.8	68,900	68,900	40.3	299.5	70,000	78,500	46.5	309.0	65,000	85,100	220
225	30.1	275.4	66,100	66,100	37.9	293.2	68,000	75,200	44.4	303.9	62,900	83,800	225
230	26.9	265.8	63,400	63,400	35.5	286.2	65,900	72,000	42.2	298.4	61,000	81,600	230
235	23.4	254.8	60,900	60,900	32.8	278.6	64,000	69,100	40.0	292.5	59,100	78,200	235
240	19.2	241.4	58,500	58,500	30.0	270.2	62,100	66,300	37.6	286.1	57,300	75,000	240
245	13.9	223.7	56,100	56,100	26.8	260.6	60,200	63,600	35.1	279.1	55,500	71,900	245
250	2.5	184.9	51,300	51,300	23.3	249.5	58,400	61,100	32.4	271.4	53,900	68,900	250
260					13.6	218.0	54,900	56,200	26.4	253.1	50,700	63,400	260
270									18.4	227.8	47,700	58,500	270

MLC300 VPC-MAX S-3

ASME B30.5



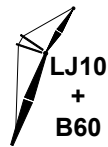
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	72.6	390.8	94,200	94,200									90
95	71.2	389.1	93,900	93,900									95
100	69.8	387.2	93,600	93,600	71.6	388.8	92,700	92,700					100
105	68.4	385.2	93,200	93,200	70.1	386.9	92,600	92,600					105
110	66.9	383.1	92,800	92,800	68.7	385.0	92,500	92,500					110
115	65.5	380.8	92,400	92,400	67.3	382.9	92,300	92,300					115
120	64.0	378.4	90,200	90,200	65.8	380.7	92,000	92,000	68.5	383.2	89,400	89,400	120
125	62.5	375.8	87,900	87,900	64.4	378.3	91,700	91,700	67.1	381.1	89,500	89,500	125
130	61.0	373.0	85,500	85,500	62.9	375.7	89,500	89,500	65.6	378.8	89,600	89,600	130
135	59.5	370.1	83,200	83,200	61.4	373.0	87,200	87,200	64.2	376.4	89,600	89,600	135
140	57.9	366.9	80,800	80,800	59.9	370.1	85,000	85,000	62.7	373.8	89,600	89,600	140
145	56.3	363.6	78,600	78,600	58.3	367.0	82,700	82,700	61.2	371.0	87,700	87,700	145
150	54.7	360.1	76,200	76,200	56.7	363.7	80,400	80,400	59.6	368.1	85,600	85,600	150
155	53.1	356.3	74,000	74,000	55.1	360.2	78,100	78,100	58.1	365.0	83,500	83,500	155
160	51.4	352.3	71,700	71,700	53.5	356.5	75,800	75,800	56.5	361.7	81,300	81,300	160
165	49.6	348.1	69,500	69,500	51.8	352.6	73,600	73,600	54.9	358.2	79,100	79,100	165
170	47.9	343.6	67,300	67,300	50.1	348.4	71,300	71,300	53.2	354.4	76,900	76,900	170
175	46.0	338.8	65,100	65,100	48.3	344.0	69,100	69,100	51.5	350.5	74,600	74,600	175
180	44.1	333.7	62,900	62,900	46.5	339.3	66,800	66,800	49.8	346.3	72,400	72,400	180
185	42.2	328.2	60,800	60,800	44.6	334.2	64,600	64,600	48.0	341.8	70,200	70,200	185
190	40.1	322.3	58,700	58,700	42.6	328.8	62,500	62,500	46.2	337.0	68,000	68,000	190
195	38.0	316.0	56,700	56,700	40.6	323.1	60,300	60,300	44.3	331.9	65,800	65,800	195
200	35.7	309.2	54,600	54,600	38.5	316.9	58,200	58,200	42.3	326.5	63,600	63,600	200
205	33.4	301.7	52,600	52,600	36.3	310.1	56,200	56,200	40.3	320.7	61,400	61,400	205
210	30.8	293.5	50,600	50,600	34.0	302.8	54,100	54,100	38.2	314.4	59,300	59,300	210
215	28.1	284.4	48,700	48,700	31.5	294.8	52,000	52,000	35.9	307.6	57,100	57,100	215
220	25.0	274.0	46,800	46,800	28.8	285.9	50,000	50,000	33.6	300.2	55,000	55,000	220
225	21.6	262.0	44,900	44,900	25.8	275.9	48,000	48,000	31.1	292.0	52,900	52,900	225
230	17.5	247.3	43,200	43,200	22.5	264.3	46,200	46,200	28.3	283.0	50,900	50,900	230
235	12.0	227.2	41,500	41,500	18.5	250.4	44,300	44,300	25.3	272.8	48,900	48,900	235
240					13.5	232.1	42,600	42,600	21.9	260.9	47,000	47,000	240
245					4.0	196.6	36,900	36,900	17.9	246.5	45,100	45,100	245
250									12.6	227.1	43,400	43,400	250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-3

ASME B30.5



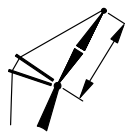
474,100 lb



360°



177.2 ft

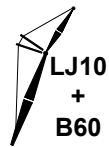


216.5 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.7	370.3	83,100	83,100									155
160	61.2	367.6	83,600	83,600									160
165	59.7	364.7	84,000	84,000									165
170	58.1	361.6	83,400	83,400									170
175	56.5	358.3	81,600	81,600									175
180	54.9	354.8	79,700	79,700									180
185	53.3	351.0	77,800	77,800	58.1	356.6	76,600	76,600					185
190	51.6	347.1	75,700	75,700	56.5	353.3	77,500	77,500					190
195	49.9	342.9	73,700	73,700	54.9	349.8	78,100	78,100					195
200	48.1	338.4	71,600	71,600	53.2	346.0	76,600	76,600					200
205	46.3	333.7	69,500	69,500	51.5	342.1	75,000	75,000					205
210	44.4	328.6	67,400	67,400	49.8	337.9	73,200	73,400					210
215	42.4	323.1	65,300	65,300	48.0	333.4	70,800	71,600	53.0	339.4	65,200	71,000	215
220	40.4	317.3	63,100	63,100	46.2	328.6	68,600	69,800	51.3	335.4	63,100	72,200	220
225	38.3	311.1	61,000	61,000	44.3	323.5	66,400	67,900	49.6	331.2	61,100	71,300	225
230	36.0	304.3	58,900	58,900	42.3	318.1	64,300	65,900	47.8	326.6	59,100	70,000	230
235	33.7	296.9	56,800	56,800	40.3	312.2	62,300	64,000	45.9	321.8	57,300	68,600	235
240	31.1	288.8	54,700	54,700	38.2	306.0	60,400	61,900	44.0	316.7	55,500	67,100	240
245	28.4	279.8	52,600	52,600	35.9	299.1	58,600	59,900	42.1	311.2	53,800	65,500	245
250	25.4	269.6	50,600	50,600	33.6	291.7	56,900	57,800	40.0	305.3	52,100	63,800	250
260	18.0	243.5	46,700	46,700	28.3	274.6	53,500	53,800	35.6	292.1	49,000	60,100	260
270					21.9	252.5	49,900	49,900	30.7	276.3	46,100	56,300	270
280					12.6	218.6	46,200	46,200	24.9	256.7	43,400	52,500	280
290									17.2	229.7	40,800	48,800	290

MLC300 VPC-MAX S-3

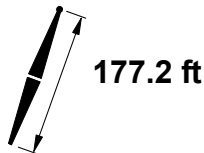
ASME B30.5



474,100 lb



360°



177.2 ft

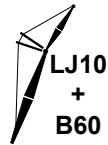


236.2 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	72.8	409.8	79,200	79,200									95
100	71.6	408.2	78,800	78,800									100
105	70.3	406.4	78,500	78,500	71.9	407.8	77,800	77,800					105
110	69.0	404.4	78,100	78,100	70.6	406.1	77,600	77,600					110
115	67.7	402.4	77,600	77,600	69.3	404.2	77,300	77,300					115
120	66.3	400.2	77,200	77,200	68.0	402.2	77,000	77,000					120
125	65.0	397.9	76,700	76,700	66.7	400.0	76,700	76,700					125
130	63.6	395.4	76,200	76,200	65.3	397.7	76,400	76,400	67.8	400.4	74,500	74,500	130
135	62.3	392.7	75,700	75,700	64.0	395.3	76,000	76,000	66.5	398.2	74,500	74,500	135
140	60.9	390.0	74,000	74,000	62.6	392.7	75,700	75,700	65.1	395.8	74,400	74,400	140
145	59.5	387.0	72,300	72,300	61.2	389.9	75,300	75,300	63.8	393.4	74,200	74,200	145
150	58.1	383.9	70,500	70,500	59.8	387.0	73,700	73,700	62.4	390.8	74,100	74,100	150
155	56.6	380.6	68,600	68,600	58.4	383.9	72,000	72,000	61.0	388.0	73,900	73,900	155
160	55.1	377.1	66,700	66,700	57.0	380.7	70,200	70,200	59.6	385.1	73,700	73,700	160
165	53.6	373.5	64,800	64,800	55.5	377.3	68,300	68,300	58.2	382.0	72,700	72,700	165
170	52.1	369.6	63,000	63,000	54.0	373.6	66,500	66,500	56.7	378.7	71,000	71,000	170
175	50.5	365.5	61,000	61,000	52.5	369.8	64,600	64,600	55.3	375.2	69,200	69,200	175
180	48.9	361.1	59,100	59,100	50.9	365.8	62,600	62,600	53.8	371.6	67,400	67,400	180
185	47.3	356.5	57,100	57,100	49.3	361.5	60,700	60,700	52.2	367.7	65,600	65,600	185
190	45.6	351.7	55,200	55,200	47.7	356.9	58,700	58,700	50.7	363.6	63,700	63,700	190
195	43.8	346.5	53,200	53,200	46.0	352.1	56,700	56,700	49.0	359.3	61,700	61,700	195
200	42.0	341.0	51,200	51,200	44.2	347.0	54,700	54,700	47.4	354.7	59,700	59,700	200
205	40.1	335.1	49,300	49,300	42.5	341.6	52,700	52,700	45.7	349.9	57,700	57,700	205
210	38.2	328.8	47,400	47,400	40.6	335.8	50,800	50,800	44.0	344.7	55,800	55,800	210
215	36.2	322.0	45,400	45,400	38.7	329.6	48,800	48,800	42.2	339.2	53,700	53,700	215
220	34.0	314.7	43,500	43,500	36.7	323.0	46,800	46,800	40.3	333.4	51,700	51,700	220
225	31.7	306.8	41,600	41,600	34.5	315.8	44,800	44,800	38.4	327.2	49,800	49,800	225
230	29.3	298.1	39,800	39,800	32.3	308.0	42,900	42,900	36.3	320.4	47,700	47,700	230
235	26.7	288.4	38,000	38,000	29.9	299.5	41,000	41,000	34.2	313.2	45,700	45,700	235
240	23.7	277.4	36,200	36,200	27.3	290.1	39,100	39,100	31.9	305.3	43,700	43,700	240
245	20.4	264.6	34,600	34,600	24.5	279.5	37,400	37,400	29.5	296.7	41,700	41,700	245
250	16.4	249.0	32,900	32,900	21.2	267.2	35,600	35,600	26.9	287.1	39,900	39,900	250
260					12.5	232.8	32,300	32,300	20.7	263.6	36,200	36,200	260
270									11.6	227.5	32,900	32,900	270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-3

ASME B30.5



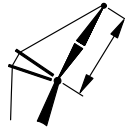
474,100 lb



360°



177.2 ft

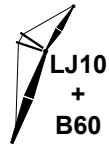


236.2 ft

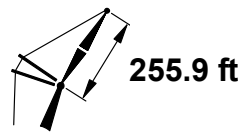
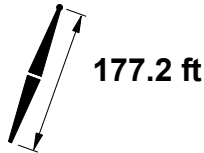
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.8	389.9	68,600	68,600									160
165	62.4	387.3	68,900	68,900									165
170	61.1	384.6	69,100	69,100									170
175	59.7	381.6	69,300	69,300									175
180	58.2	378.5	69,500	69,500									180
185	56.8	375.3	69,600	69,600									185
190	55.3	371.8	69,500	69,500									190
195	53.8	368.2	67,900	67,900	58.2	373.6	63,200	63,200					195
200	52.3	364.3	66,300	66,300	56.7	370.3	63,700	63,700					200
205	50.7	360.2	64,600	64,600	55.3	366.8	64,200	64,200					205
210	49.1	355.9	62,900	62,900	53.7	363.2	64,700	64,700					210
215	47.5	351.3	61,100	61,100	52.2	359.3	65,100	65,100					215
220	45.8	346.5	59,100	59,100	50.6	355.2	64,000	64,000					220
225	44.0	341.4	57,200	57,200	49.0	350.9	62,500	62,500	53.5	356.5	58,100	58,100	225
230	42.2	335.9	55,300	55,300	47.4	346.3	61,000	61,000	52.0	352.6	57,600	58,900	230
235	40.4	330.1	53,300	53,300	45.7	341.5	59,300	59,300	50.4	348.5	55,800	59,700	235
240	38.4	323.8	51,300	51,300	44.0	336.3	57,600	57,600	48.8	344.2	54,000	60,400	240
245	36.4	317.1	49,300	49,300	42.2	330.8	55,800	55,800	47.2	339.6	52,300	59,400	245
250	34.3	309.9	47,200	47,200	40.3	325.0	53,900	53,900	45.5	334.7	50,700	58,200	250
260	29.6	293.4	43,200	43,200	36.3	312.0	50,100	50,100	41.9	323.9	47,600	55,300	260
270	24.1	273.1	39,400	39,400	31.9	296.9	46,100	46,100	38.1	311.7	44,700	52,000	270
280	17.0	245.4	35,900	35,900	26.9	278.6	42,300	42,300	33.9	297.6	42,100	48,400	280
290					20.7	255.2	38,600	38,600	29.2	280.9	39,600	44,600	290
300					11.6	219.0	35,200	35,200	23.6	260.1	37,200	41,000	300
310									16.2	231.4	35,000	37,600	310

MLC300 VPC-MAX S-3

ASME B30.5



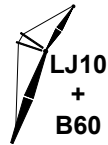
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.0	428.9	66,000	66,000									100
105	71.9	427.3	65,600	65,600									105
110	70.7	425.5	65,200	65,200									110
115	69.5	423.6	64,700	64,700	71.0	425.2	64,400	64,400					115
120	68.3	421.6	64,300	64,300	69.8	423.4	64,100	64,100					120
125	67.1	419.5	63,800	63,800	68.6	421.4	63,800	63,800					125
130	65.8	417.3	63,300	63,300	67.3	419.3	63,400	63,400					130
135	64.6	414.9	62,900	62,900	66.1	417.1	63,000	63,000	68.4	419.6	61,700	61,700	135
140	63.3	412.4	62,400	62,400	64.9	414.7	62,600	62,600	67.2	417.5	61,500	61,500	140
145	62.1	409.7	61,900	61,900	63.6	412.3	62,200	62,200	65.9	415.2	61,300	61,300	145
150	60.8	406.9	61,400	61,400	62.4	409.6	61,800	61,800	64.7	412.9	61,100	61,100	150
155	59.5	404.0	60,900	60,900	61.1	406.9	61,400	61,400	63.4	410.4	60,800	60,800	155
160	58.2	400.9	60,100	60,100	59.8	404.0	61,000	61,000	62.2	407.7	60,500	60,500	160
165	56.8	397.6	58,400	58,400	58.5	400.9	60,500	60,500	60.9	405.0	60,300	60,300	165
170	55.5	394.2	56,700	56,700	57.2	397.7	59,800	59,800	59.6	402.0	60,000	60,000	170
175	54.1	390.6	55,000	55,000	55.8	394.3	58,100	58,100	58.3	398.9	59,600	59,600	175
180	52.7	386.8	53,200	53,200	54.4	390.7	56,400	56,400	56.9	395.7	59,400	59,400	180
185	51.2	382.8	51,400	51,400	53.0	387.0	54,700	54,700	55.6	392.3	58,800	58,800	185
190	49.8	378.5	49,700	49,700	51.6	383.0	52,900	52,900	54.2	388.7	57,100	57,100	190
195	48.3	374.1	47,800	47,800	50.1	378.8	51,100	51,100	52.8	384.9	55,500	55,500	195
200	46.8	369.4	46,000	46,000	48.6	374.5	49,300	49,300	51.4	380.9	53,700	53,700	200
205	45.2	364.5	44,100	44,100	47.1	369.8	47,400	47,400	49.9	376.7	51,900	51,900	205
210	43.6	359.3	42,300	42,300	45.6	365.0	45,500	45,500	48.4	372.3	50,100	50,100	210
215	41.9	353.7	40,500	40,500	44.0	359.8	43,600	43,600	46.9	367.6	48,200	48,200	215
220	40.2	347.8	38,600	38,600	42.3	354.4	41,700	41,700	45.3	362.7	46,400	46,400	220
225	38.4	341.6	36,800	36,800	40.6	348.6	39,800	39,800	43.7	357.5	44,400	44,400	225
230	36.5	334.9	35,000	35,000	38.8	342.4	38,000	38,000	42.0	352.0	42,500	42,500	230
235	34.5	327.7	33,200	33,200	37.0	335.8	36,100	36,100	40.3	346.2	40,600	40,600	235
240	32.5	320.0	31,400	31,400	35.0	328.8	34,300	34,300	38.5	339.9	38,700	38,700	240
245	30.3	311.6	29,700	29,700	33.0	321.2	32,500	32,500	36.7	333.3	36,800	36,800	245
250	27.9	302.4	28,100	28,100	30.8	312.9	30,700	30,700	34.7	326.2	34,900	34,900	250
260	22.6	280.6	24,800	24,800	26.0	294.0	27,300	27,300	30.5	310.1	31,200	31,200	260
270	15.5	250.5	21,900	21,900	20.2	269.8	24,100	24,100	25.6	290.9	27,800	27,800	270
280					11.7	233.2	21,200	21,200	19.6	266.1	24,500	24,500	280
290									10.7	227.6	21,600	21,600	290
300													300
310													310
320													320
330													330

MLC300 VPC-MAX S-3

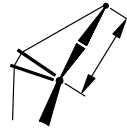
ASME B30.5



474,100 lb



177.2 ft

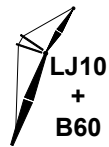


255.9 ft

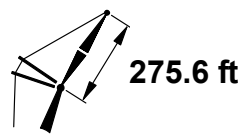
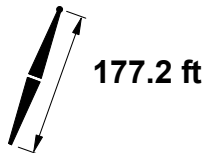
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	63.5	406.9	56,600	56,600									170
175	62.2	404.3	56,700	56,700									175
180	60.9	401.5	56,700	56,700									180
185	59.6	398.6	56,700	56,700									185
190	58.3	395.5	56,700	56,700									190
195	57.0	392.3	56,600	56,600									195
200	55.6	388.8	56,500	56,500									200
205	54.3	385.3	56,400	56,400	58.3	390.5	51,900	51,900					205
210	52.9	381.5	56,000	56,000	56.9	387.3	52,100	52,100					210
215	51.4	377.5	54,400	54,400	55.6	383.9	52,400	52,400					215
220	50.0	373.3	52,800	52,800	54.2	380.3	52,600	52,600					220
225	48.5	368.9	51,100	51,100	52.8	376.5	52,800	52,800					225
230	46.9	364.2	49,400	49,400	51.4	372.5	52,900	52,900					230
235	45.4	359.3	47,600	47,600	49.9	368.3	52,300	52,300					235
240	43.8	354.1	45,700	45,700	48.4	363.9	50,900	50,900	52.6	369.8	47,900	47,900	240
245	42.1	348.7	43,800	43,800	46.9	359.2	49,300	49,300	51.2	365.8	48,400	48,400	245
250	40.4	342.8	41,900	41,900	45.3	354.3	47,700	47,700	49.7	361.6	48,800	48,800	250
260	36.7	330.0	38,000	38,000	42.0	343.6	44,200	44,200	46.7	352.4	45,800	48,000	260
270	32.7	315.2	34,300	34,300	38.5	331.5	40,600	40,600	43.5	342.2	43,000	45,400	270
280	28.2	297.8	30,600	30,600	34.7	317.7	36,900	36,900	40.1	330.8	40,300	42,200	280
290	22.9	276.3	27,100	27,100	30.5	301.7	33,100	33,100	36.4	317.8	37,900	38,800	290
300	16.0	247.0	23,900	23,900	25.6	282.4	29,600	29,600	32.4	302.9	35,200	35,200	300
310					19.6	257.7	26,200	26,200	27.8	285.2	31,700	31,700	310
320					10.7	219.1	23,200	23,200	22.4	263.2	28,300	28,300	320
330									15.2	232.8	25,100	25,100	330

MLC300 VPC-MAX S-3

ASME B30.5



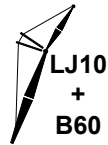
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.2	448.0	55,400	55,400									105
110	72.1	446.3	55,000	55,000									110
115	71.0	444.6	54,500	54,500									115
120	69.9	442.8	54,100	54,100	71.3	444.3	53,900	53,900					120
125	68.8	440.8	53,600	53,600	70.2	442.5	53,500	53,500					125
130	67.7	438.8	53,100	53,100	69.0	440.6	53,200	53,200					130
135	66.5	436.6	52,600	52,600	67.9	438.6	52,700	52,700					135
140	65.4	434.3	52,100	52,100	66.8	436.4	52,300	52,300	68.9	438.8	51,400	51,400	140
145	64.2	431.9	51,700	51,700	65.7	434.1	51,900	51,900	67.8	436.8	51,200	51,200	145
150	63.1	429.4	51,200	51,200	64.5	431.8	51,500	51,500	66.6	434.6	50,900	50,900	150
155	61.9	426.7	50,700	50,700	63.3	429.3	51,000	51,000	65.5	432.3	50,600	50,600	155
160	60.7	423.9	50,200	50,200	62.2	426.6	50,600	50,600	64.3	429.9	50,300	50,300	160
165	59.5	420.9	49,700	49,700	61.0	423.8	50,200	50,200	63.2	427.4	50,000	50,000	165
170	58.3	417.8	49,300	49,300	59.8	420.9	49,700	49,700	62.0	424.7	49,600	49,600	170
175	57.0	414.6	48,800	48,800	58.6	417.9	49,300	49,300	60.8	421.9	49,300	49,300	175
180	55.8	411.2	48,400	48,400	57.3	414.7	48,900	48,900	59.6	419.0	48,900	48,900	180
185	54.5	407.6	48,000	48,000	56.1	411.3	48,500	48,500	58.4	415.9	48,600	48,600	185
190	53.2	403.9	47,600	47,600	54.8	407.8	48,100	48,100	57.1	412.7	48,200	48,200	190
195	51.9	400.0	47,200	47,200	53.5	404.1	47,700	47,700	55.9	409.3	47,900	47,900	195
200	50.5	395.9	46,800	46,800	52.2	400.2	47,300	47,300	54.6	405.7	47,600	47,600	200
205	49.2	391.6	46,400	46,400	50.9	396.2	47,800	47,800	53.3	402.0	47,200	47,200	205
210	47.8	387.1	45,900	45,900	49.5	391.9	46,600	46,600	52.0	398.1	46,900	46,900	210
215	46.3	382.3	45,000	45,000	48.1	387.4	46,200	46,200	50.6	394.0	46,600	46,600	215
220	44.8	377.3	43,800	43,800	46.7	382.7	45,800	45,800	49.3	389.7	46,300	46,300	220
225	43.3	372.0	42,800	42,800	45.2	377.8	45,100	45,100	47.9	385.2	46,000	46,000	225
230	41.8	366.5	41,600	41,600	43.7	372.6	44,600	44,600	46.4	380.5	45,700	45,700	230
235	40.2	360.6	40,600	40,600	42.2	367.1	44,000	44,000	45.0	375.5	45,400	45,400	235
240	38.5	354.4	39,500	39,500	40.6	361.3	43,400	43,400	43.5	370.3	44,900	44,900	240
245	36.8	347.7	38,600	38,600	38.9	355.2	42,200	42,200	41.9	364.7	44,300	44,300	245
250	35.0	340.7	37,600	37,600	37.2	348.6	40,300	40,300	40.3	358.9	43,700	43,700	250
260	31.1	325.0	34,300	34,300	33.6	334.3	36,700	36,700	36.9	346.1	40,600	40,600	260
270	26.7	306.4	31,100	31,100	29.5	317.6	33,400	33,400	33.3	331.6	37,000	37,000	270
280	21.5	283.5	28,100	28,100	24.9	297.6	30,200	30,200	29.2	314.7	33,600	33,600	280
290	14.6	251.7	25,300	25,300	19.2	272.2	27,300	27,300	24.5	294.4	30,400	30,400	290
300					10.8	233.3	24,500	24,500	18.7	268.4	27,400	27,400	300
310									9.9	227.4	24,600	24,600	310
320													320
330													330
340													340
350													350

MLC300 VPC-MAX S-3

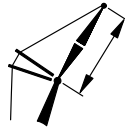
ASME B30.5



474,100 lb



177.2 ft

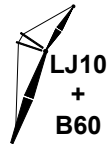


275.6 ft

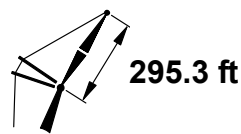
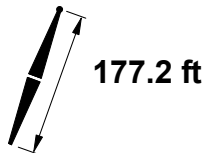
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	63.2	423.9	46,800	46,800									180
185	62.0	421.3	46,700	46,700									185
190	60.8	418.5	46,600	46,600									190
195	59.6	415.5	46,500	46,500									195
200	58.4	412.5	46,300	46,300									200
205	57.2	409.2	46,200	46,200									205
210	55.9	405.9	46,000	46,000									210
215	54.6	402.3	45,800	45,800	58.4	407.5	42,700	42,700					215
220	53.4	398.6	45,600	45,600	57.1	404.3	42,700	42,700					220
225	52.0	394.7	45,400	45,400	55.9	400.9	42,800	42,800					225
230	50.7	390.6	45,200	45,200	54.6	397.3	42,900	42,900					230
235	49.3	386.4	45,000	45,000	53.3	393.6	42,900	42,900					235
240	47.9	381.9	44,900	44,900	52.0	389.7	42,900	42,900					240
245	46.5	377.1	44,700	44,700	50.6	385.6	42,900	42,900					245
250	45.0	372.2	44,500	44,500	49.3	381.3	42,900	42,900	53.1	387.0	39,100	39,100	250
260	42.0	361.4	44,100	44,100	46.4	372.1	42,800	42,800	50.5	378.9	39,600	39,600	260
270	38.7	349.4	43,000	43,000	43.5	361.9	42,700	42,700	47.7	370.1	40,000	40,000	270
280	35.2	335.8	39,500	39,500	40.3	350.5	42,600	42,600	44.8	360.3	39,000	40,300	280
290	31.4	320.2	36,000	36,000	36.9	337.7	40,900	41,500	41.7	349.4	36,600	40,600	290
300	27.0	301.9	32,700	32,700	33.3	323.2	38,200	38,200	38.4	337.3	34,300	40,800	300
310	21.9	279.3	29,600	29,600	29.2	306.3	34,800	34,800	34.9	323.6	32,100	39,800	310
320	15.1	248.4	26,600	26,600	24.5	286.0	31,600	31,600	31.0	307.8	30,100	36,600	320
330					18.7	259.9	28,500	28,500	26.6	289.2	28,200	33,300	330
340					9.9	218.9	25,600	25,600	21.4	266.1	26,400	30,200	340
350									14.4	234.0	24,700	27,300	350

MLC300 VPC-MAX S-3

ASME B30.5



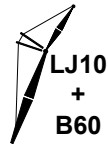
474,100 lb



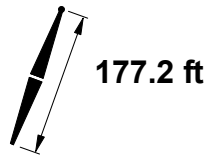
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.3	467.0	46,600	46,600									110
115	72.3	465.4	46,200	46,200									115
120	71.3	463.7	45,700	45,700									120
125	70.3	461.9	45,300	45,300	71.5	463.4	45,200	45,200					125
130	69.2	460.0	44,800	44,800	70.5	461.6	44,800	44,800					130
135	68.2	458.0	44,300	44,300	69.5	459.8	44,400	44,400					135
140	67.1	455.9	43,900	43,900	68.4	457.8	44,000	44,000					140
145	66.1	453.7	43,400	43,400	67.4	455.7	43,600	43,600					145
150	65.0	451.4	42,900	42,900	66.3	453.5	43,200	43,200	68.3	456.0	42,700	42,700	150
155	63.9	448.9	42,500	42,500	65.3	451.2	42,700	42,700	67.2	453.9	42,400	42,400	155
160	62.8	446.3	42,000	42,000	64.2	448.8	42,300	42,300	66.2	451.7	42,100	42,100	160
165	61.7	443.6	41,500	41,500	63.1	446.2	41,900	41,900	65.1	449.4	41,700	41,700	165
170	60.6	440.8	41,100	41,100	62.0	443.6	41,500	41,500	64.0	446.9	41,400	41,400	170
175	59.5	437.9	40,700	40,700	60.9	440.8	41,100	41,100	62.9	444.4	41,000	41,000	175
180	58.3	434.8	40,200	40,200	59.8	437.9	40,600	40,600	61.8	441.7	40,700	40,700	180
185	57.2	431.6	39,800	39,800	58.6	434.8	40,200	40,200	60.7	438.9	40,300	40,300	185
190	56.0	428.2	39,400	39,400	57.5	431.6	39,800	39,800	59.6	435.9	40,000	40,000	190
195	54.8	424.7	39,000	39,000	56.3	428.3	39,500	39,500	58.4	432.9	39,700	39,700	195
200	53.6	421.0	38,600	38,600	55.1	424.8	39,100	39,100	57.3	429.7	39,300	39,300	200
205	52.4	417.2	38,300	38,300	53.9	421.2	38,700	38,700	56.1	426.3	39,000	39,000	205
210	51.2	413.2	37,900	37,900	52.7	417.4	38,300	38,300	54.9	422.8	38,600	38,600	210
215	49.9	409.0	37,600	37,600	51.5	413.4	38,000	38,000	53.7	419.1	38,300	38,300	215
220	48.6	404.6	37,200	37,200	50.2	409.3	37,600	37,600	52.5	415.3	38,000	38,000	220
225	47.3	400.0	36,900	36,900	48.9	404.9	37,300	37,300	51.3	411.3	37,700	37,700	225
230	45.9	395.2	36,600	36,600	47.6	400.4	37,000	37,000	50.0	407.1	37,400	37,400	230
235	44.6	390.1	36,300	36,300	46.3	395.6	36,700	36,700	48.7	402.8	37,100	37,100	235
240	43.1	384.8	36,000	36,000	44.9	390.6	36,400	36,400	47.4	398.2	36,800	36,800	240
245	41.7	379.2	35,800	35,800	43.5	385.4	36,200	36,200	46.1	393.4	36,500	36,500	245
250	40.2	373.3	34,900	34,900	42.0	379.9	35,900	35,900	44.7	388.3	36,300	36,300	250
260	37.0	360.6	33,300	33,300	39.0	367.9	35,400	35,400	41.8	377.5	35,800	35,800	260
270	33.6	346.2	31,800	31,800	35.8	354.6	33,900	33,900	38.8	365.5	35,300	35,300	270
280	29.9	329.7	28,900	28,900	32.3	339.5	31,400	31,400	35.5	352.0	33,900	33,900	280
290	25.7	310.2	25,600	25,600	28.4	322.0	28,900	28,900	32.0	336.7	31,300	31,300	290
300	20.6	286.2	22,300	22,300	23.9	301.1	25,400	25,400	28.0	319.0	28,800	28,800	300
310	13.8	252.8	19,100	19,100	18.3	274.4	22,000	22,000	23.5	297.8	26,200	26,200	310
320					10.1	233.2	18,800	18,800	17.8	270.4	23,100	23,100	320
330									9.2	226.9	19,800	19,800	330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-3

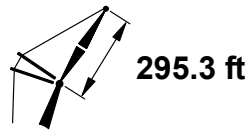
ASME B30.5



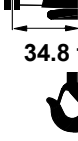
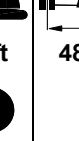
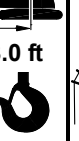
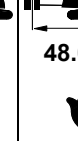
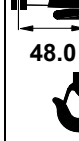
474,100 lb



177.2 ft

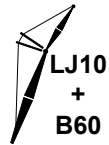


295.3 ft

	75°				70°				65°								
																	
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft	ft	lb	lb	ft
110																	110
115																	115
120																	120
125																	125
130																	130
135																	135
140																	140
145																	145
150																	150
155																	155
160																	160
165																	165
170																	170
175																	175
180																	180
185																	185
190	63.0	440.9	38,600	38,600													190
195	61.9	438.2	38,400	38,400													195
200	60.7	435.4	38,300	38,300													200
205	59.6	432.5	38,100	38,100													205
210	58.5	429.4	37,900	37,900													210
215	57.3	426.2	37,700	37,700													215
220	56.2	422.9	37,400	37,400													220
225	55.0	419.4	37,200	37,200	58.4	424.5	35,000	35,000									225
230	53.8	415.7	37,000	37,000	57.3	421.2	34,900	34,900									230
235	52.6	411.9	36,800	36,800	56.1	417.9	34,900	34,900									235
240	51.3	407.9	36,600	36,600	54.9	414.4	34,900	34,900									240
245	50.0	403.7	36,300	36,300	53.7	410.7	34,800	34,800									245
250	48.8	399.4	36,100	36,100	52.5	406.9	34,800	34,800									250
260	46.1	390.0	35,700	35,700	50.0	398.7	34,600	34,600	53.6	404.1	31,800	31,800					260
270	43.3	379.7	35,300	35,300	47.4	389.8	34,400	34,400	51.1	396.2	32,000	32,000					270
280	40.4	368.3	35,000	35,000	44.7	379.9	34,200	34,200	48.5	387.6	32,200	32,200					280
290	37.2	355.6	34,600	34,600	41.8	369.1	34,000	34,000	45.9	378.2	32,300	32,300					290
300	33.9	341.4	32,800	32,800	38.8	357.1	33,800	33,800	43.1	367.8	32,400	32,400					300
310	30.1	325.0	30,200	30,200	35.5	343.6	33,700	33,700	40.1	356.3	30,400	32,500					310
320	25.9	305.8	27,800	27,800	32.0	328.3	31,600	31,600	37.0	343.5	28,400	32,500					320
330	20.9	282.1	25,500	25,500	28.0	310.6	29,100	29,100	33.6	329.1	26,600	32,600					330
340	14.3	249.6	22,800	22,800	23.5	289.3	26,700	26,700	29.8	312.5	24,800	30,200					340
350					17.8	262.0	24,500	24,500	25.5	293.0	23,100	27,800					350
360					9.1	218.5	21,900	21,900	20.5	268.8	21,500	25,600					360
370									13.6	235.0	19,900	23,400					370

MLC300 VPC-MAX S-3

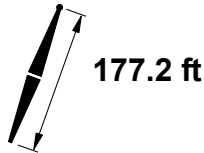
ASME B30.5



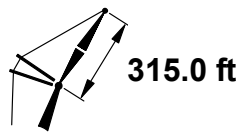
474,100 lb



360°



177.2 ft

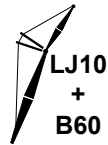


315.0 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.5	486.1	39,100	39,100									115
120	72.5	484.5	38,700	38,700									120
125	71.5	482.8	38,200	38,200									125
130	70.6	481.1	37,700	37,700	71.8	482.5	37,800	37,800					130
135	69.6	479.2	37,300	37,300	70.8	480.8	37,400	37,400					135
140	68.6	477.2	36,800	36,800	69.8	478.9	37,000	37,000					140
145	67.7	475.2	36,300	36,300	68.9	477.0	36,600	36,600					145
150	66.7	473.0	35,900	35,900	67.9	475.0	36,100	36,100					150
155	65.7	470.8	35,400	35,400	66.9	472.8	35,700	35,700	68.7	475.2	35,500	35,500	155
160	64.7	468.4	35,000	35,000	65.9	470.6	35,300	35,300	67.7	473.2	35,100	35,100	160
165	63.6	465.9	34,500	34,500	64.9	468.2	34,900	34,900	66.7	471.0	34,800	34,800	165
170	62.6	463.3	34,100	34,100	63.9	465.8	34,400	34,400	65.7	468.7	34,400	34,400	170
175	61.6	460.6	33,700	33,700	62.9	463.2	34,000	34,000	64.7	466.4	34,100	34,100	175
180	60.5	457.8	33,300	33,300	61.8	460.5	33,600	33,600	63.7	463.9	33,700	33,700	180
185	59.5	454.8	32,800	32,800	60.8	457.8	33,200	33,200	62.7	461.3	33,400	33,400	185
190	58.4	451.8	32,500	32,500	59.7	454.8	32,800	32,800	61.7	458.6	33,000	33,000	190
195	57.3	448.6	32,100	32,100	58.7	451.8	32,500	32,500	60.6	455.8	32,700	32,700	195
200	56.2	445.2	31,700	31,700	57.6	448.6	32,100	32,100	59.6	452.9	32,300	32,300	200
205	55.1	441.7	31,300	31,300	56.5	445.3	31,700	31,700	58.5	449.8	32,000	32,000	205
210	54.0	438.1	30,900	30,900	55.4	441.9	31,300	31,300	57.4	446.6	31,600	31,600	210
215	52.9	434.3	30,600	30,600	54.3	438.3	31,000	31,000	56.3	443.3	31,300	31,300	215
220	51.7	430.4	30,300	30,300	53.1	434.5	30,600	30,600	55.2	439.8	30,900	30,900	220
225	50.5	426.3	29,900	29,900	52.0	430.6	30,300	30,300	54.1	436.2	30,600	30,600	225
230	49.3	422.0	29,600	29,600	50.8	426.6	30,000	30,000	53.0	432.5	30,300	30,300	230
235	48.1	417.5	29,300	29,300	49.6	422.3	29,600	29,600	51.8	428.5	30,000	30,000	235
240	46.9	412.9	29,000	29,000	48.4	417.9	29,300	29,300	50.6	424.4	29,700	29,700	240
245	45.6	408.0	28,700	28,700	47.2	413.3	29,100	29,100	49.4	420.2	29,400	29,400	245
250	44.3	402.9	28,500	28,500	45.9	408.5	28,800	28,800	48.2	415.7	29,100	29,100	250
260	41.6	392.0	28,000	28,000	43.3	398.1	28,200	28,200	45.7	406.2	28,500	28,500	260
270	38.8	379.9	27,500	27,500	40.5	386.8	27,800	27,800	43.1	395.8	28,100	28,100	270
280	35.7	366.5	27,100	27,100	37.6	374.3	27,300	27,300	40.3	384.4	27,600	27,600	280
290	32.4	351.4	23,800	23,800	34.5	360.3	27,000	27,000	37.4	371.8	27,200	27,200	290
300	28.8	334.2	19,500	19,500	31.1	344.4	23,600	23,600	34.2	357.6	26,900	26,900	300
310	24.7	313.8	15,100	15,100	27.3	326.1	18,900	18,900	30.8	341.6	25,400	25,400	310
320	19.8	288.7	11,000	11,000	22.9	304.3	14,300	14,300	27.0	323.1	20,300	20,300	320
330					17.5	276.4	10,200	10,200	22.6	300.9	15,200	15,200	330
340									17.0	272.3	10,800	10,800	340
350													350
360													360
370													370
380													380
390													390

MLC300 VPC-MAX S-3

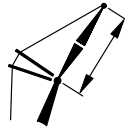
ASME B30.5



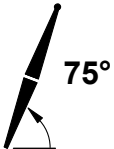
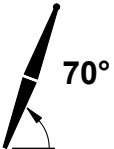
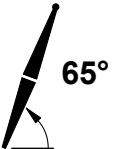
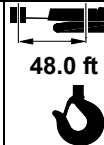
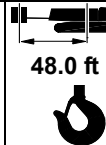
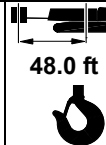
474,100 lb



177.2 ft

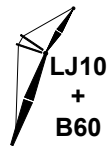


315.0 ft

	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170														170
175														175
180														180
185														185
190														190
195	63.8	460.5	31,700	31,700										195
200	62.7	457.9	31,500	31,500										200
205	61.7	455.2	31,300	31,300										205
210	60.7	452.4	31,100	31,100										210
215	59.6	449.4	30,800	30,800										215
220	58.5	446.4	30,600	30,600										220
225	57.5	443.2	30,400	30,400										225
230	56.4	439.9	30,100	30,100										230
235	55.3	436.4	29,900	29,900	58.5	441.4	28,400	28,400						235
240	54.1	432.8	29,600	29,600	57.4	438.2	28,300	28,300						240
245	53.0	429.1	29,400	29,400	56.3	434.9	28,200	28,200						245
250	51.9	425.1	29,100	29,100	55.2	431.4	28,100	28,100						250
260	49.5	416.8	28,700	28,700	53.0	424.1	27,900	27,900						260
270	47.0	407.7	28,200	28,200	50.6	416.0	27,600	27,600	54.0	421.2	25,600	25,600		270
280	44.5	397.8	27,800	27,800	48.2	407.3	27,300	27,300	51.7	413.5	25,700	25,700		280
290	41.8	386.9	27,400	27,400	45.7	397.8	27,000	27,000	49.3	405.1	25,700	25,700		290
300	38.9	374.9	27,000	27,000	43.1	387.4	26,800	26,800	46.8	395.9	25,700	25,700		300
310	35.9	361.6	26,700	26,700	40.3	376.0	26,500	26,500	44.2	385.9	25,600	25,600		310
320	32.6	346.6	26,500	26,500	37.4	363.3	26,300	26,300	41.5	374.9	25,500	25,500		320
330	29.0	329.5	24,500	24,500	34.2	349.2	26,100	26,100	38.7	362.8	25,200	25,500		330
340	24.9	309.4	20,200	20,200	30.8	333.2	25,700	25,700	35.6	349.4	23,400	25,400		340
350	20.1	284.7	14,700	14,700	27.0	314.7	23,500	23,500	32.3	334.3	21,800	25,300		350
360	13.6	250.5	10,200	10,200	22.5	292.5	19,200	19,200	28.7	317.0	20,200	24,500		360
370					17.0	263.9	13,700	13,700	24.6	296.6	18,700	22,500		370
380									19.6	271.3	17,200	17,400		380
390									12.9	235.8	12,400	12,400		390

MLC300 VPC-MAX S-3

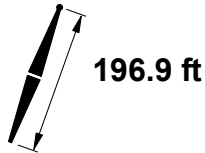
ASME B30.5



474,100 lb



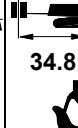
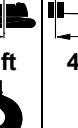
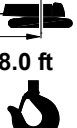
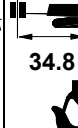
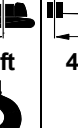
360°



196.9 ft

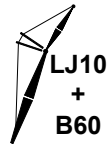


78.7 ft

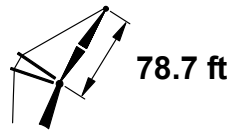
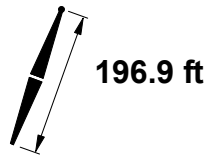
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
50	73.0	279.1	273,900 d	273,900 d									50
55	69.1	277.1	262,800 c	262,800 c									55
60	65.1	274.8	236,900 c	236,900 c	70.6	277.1	270,700 d	270,700 d					60
65	61.0	272.0	216,100 b	216,100 b	66.7	274.9	259,700 c	259,700 c					65
70	56.6	268.8	199,100 b	199,100 b	62.6	272.4	243,300 b	243,300 b					70
75	52.0	264.9	184,700	184,700	58.3	269.3	222,000 b	222,000 b	66.9	273.4	256,300 c	256,300 c	75
80	47.1	260.3	172,700	172,700	53.8	265.6	204,600	204,600	62.8	270.9	245,900 b	245,900 b	80
85	41.7	254.8	162,400	162,400	49.0	261.3	190,100	190,100	58.5	267.8	235,200 b	235,200 b	85
90	35.6	248.1	153,900	153,900	43.8	256.2	177,900	177,900	54.0	264.2	224,600	224,600	90
95	28.3	239.4	147,200	147,200	38.0	250.0	167,700	167,700	49.2	259.9	212,300	212,300	95
100	18.2	226.5	142,700	142,700	31.2	242.2	159,300	159,300	44.1	254.9	197,700	197,700	100
105					22.6	231.4	152,900	152,900	38.3	248.7	185,500	185,500	105
110									31.6	241.0	175,300	175,300	110
115									23.1	230.4	167,200	167,200	115
120									6.6	208.3	156,900	156,900	120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165

MLC300 VPC-MAX S-3

ASME B30.5



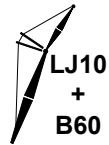
474,100 lb



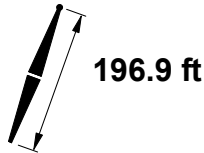
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.1	265.1	204,300 b	231,400 b									105
110	55.7	261.7	192,600	221,900									110
115	51.1	257.7	182,200	212,200									115
120	46.0	252.9	172,700	202,600									120
125	40.5	247.2	164,000	193,000	57.0	257.4	156,000	203,000					125
130	34.2	240.2	156,100	183,500	52.4	253.5	148,500	193,500					130
135	26.6	230.9	148,800	173,800	47.5	249.0	141,700	184,700					135
140	15.3	216.3	141,900	163,700	42.2	243.6	135,300	176,600					140
145					36.2	237.0	129,400	169,100	53.3	247.5	122,900	162,600	145
150					29.0	228.5	123,900	162,100	48.5	243.1	117,800	156,000	150
155					19.3	216.2	118,700	155,500	43.2	237.9	113,000	149,800	155
160									37.3	231.6	108,500	144,000	160
165									30.4	223.5	104,200	138,600	165
									21.4	212.2	100,200	133,400	165

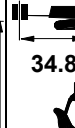
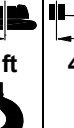
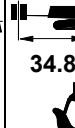
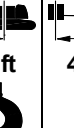
MLC300 VPC-MAX S-3

ASME B30.5



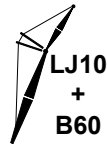
474,100 lb



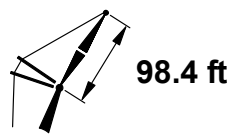
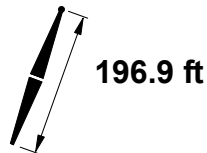
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
55	73.5	298.1	239,700 c	239,700 c									55
60	70.4	296.3	234,800 c	234,800 c									60
65	67.2	294.2	217,000 b	217,000 b	71.6	296.3	238,700 c	238,700 c					65
70	64.0	291.8	198,900 b	198,900 b	68.4	294.3	231,900 b	231,900 b					70
75	60.7	289.0	183,900	183,900	65.2	292.0	223,400 b	223,400 b					75
80	57.2	285.8	171,100	171,100	61.9	289.3	208,200	208,200	68.6	292.7	229,300 b	229,300 b	80
85	53.6	282.1	160,200	160,200	58.5	286.2	192,200	192,200	65.4	290.4	221,700 b	221,700 b	85
90	49.8	277.9	150,700	150,700	55.0	282.8	178,700	178,700	62.1	287.8	213,700	213,700	90
95	45.8	273.1	142,600	142,600	51.3	278.8	167,300	167,300	58.7	284.8	205,600	205,600	95
100	41.4	267.6	135,500	135,500	47.3	274.2	157,500	157,500	55.2	281.3	197,500	197,500	100
105	36.6	261.0	129,500	129,500	43.1	269.0	149,000	149,000	51.5	277.4	189,500	189,500	105
110	31.2	253.1	124,500	124,500	38.5	262.8	141,800	141,800	47.5	272.8	177,700	177,700	110
115	24.6	242.9	120,700	120,700	33.3	255.5	135,600	135,600	43.3	267.6	167,400	167,400	115
120	15.3	227.8	118,500	118,500	27.2	246.3	130,600	130,600	38.7	261.5	158,500	158,500	120
125					19.4	233.7	126,900	126,900	33.6	254.2	150,900	150,900	125
130									27.6	245.2	144,600	144,600	130
135									19.8	232.9	139,700	139,700	135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

MLC300 VPC-MAX S-3

ASME B30.5



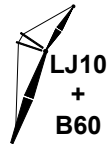
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.3	284.9	191,300	209,900									105
110	60.0	282.0	180,900	203,100									110
115	56.5	278.7	171,500	195,900									115
120	52.9	275.0	162,900	188,500									120
125	49.0	270.7	155,100	181,200									125
130	44.9	265.7	147,900	173,900	57.5	274.4	140,300	183,400					130
135	40.5	260.0	141,300	166,600	53.9	270.7	134,100	175,400					135
140	35.6	253.2	135,200	159,500	50.1	266.6	128,300	168,000					140
145	30.0	244.9	129,500	152,300	46.1	261.8	122,900	161,100					145
150	23.0	234.1	124,200	145,100	41.8	256.4	117,900	154,700					150
155	12.5	216.8	119,100	137,200	37.1	249.9	113,200	148,800	50.9	260.6	107,200	142,800	155
160					31.7	242.1	108,900	143,200	46.9	256.0	103,100	137,400	160
165					25.2	232.2	104,700	137,900	42.6	250.6	99,200	132,400	165
170					16.3	217.8	100,800	132,900	38.0	244.4	95,600	127,800	170
175									32.7	236.9	92,100	123,300	175
180									26.5	227.5	88,900	119,100	180
185									18.3	214.3	85,700	115,100	185

MLC300 VPC-MAX S-3

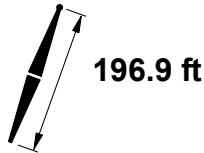
ASME B30.5



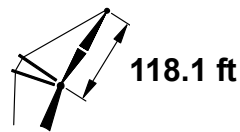
474,100 lb



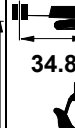
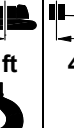
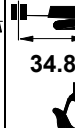
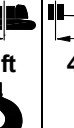
360°



196.9 ft

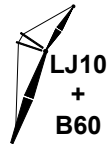


118.1 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
60	73.8	317.2	204,700 c	204,700 c									60
65	71.2	315.5	198,000 b	198,000 b									65
70	68.6	313.5	190,200 b	190,200 b									70
75	66.0	311.3	182,500	182,500	69.6	313.5	194,400 b	194,400 b					75
80	63.3	308.8	171,400	171,400	67.0	311.4	186,900	186,900					80
85	60.5	305.9	159,900	159,900	64.3	309.0	179,500	179,500					85
90	57.6	302.8	150,000	150,000	61.5	306.2	172,300	172,300	67.1	309.8	188,000	188,000	90
95	54.6	299.2	141,300	141,300	58.7	303.2	165,200	165,200	64.4	307.4	181,200	181,200	95
100	51.5	295.3	133,800	133,800	55.8	299.8	158,500	158,500	61.7	304.8	174,300	174,300	100
105	48.3	290.9	127,200	127,200	52.7	296.0	149,600	149,600	58.8	301.7	167,400	167,400	105
110	44.9	285.9	121,300	121,300	49.5	291.8	141,500	141,500	55.9	298.4	160,800	160,800	110
115	41.2	280.3	116,100	116,100	46.2	287.1	134,300	134,300	52.9	294.6	154,300	154,300	115
120	37.3	273.9	111,600	111,600	42.6	281.7	128,200	128,200	49.7	290.4	148,200	148,200	120
125	32.9	266.4	107,800	107,800	38.8	275.6	122,700	122,700	46.4	285.7	142,100	142,100	125
130	27.9	257.4	104,600	104,600	34.6	268.6	117,900	117,900	42.8	280.4	136,100	136,100	130
135	21.8	245.9	102,300	102,300	29.9	260.2	113,900	113,900	39.0	274.3	130,200	130,200	135
140	13.1	228.6	101,300	101,300	24.3	249.8	110,700	110,700	34.8	267.3	124,600	124,600	140
145					17.0	235.5	108,600	108,600	30.2	259.0	119,300	119,300	145
150									24.6	248.8	114,300	114,300	150
155									17.4	234.8	109,700	109,700	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205

MLC300 VPC-MAX S-3

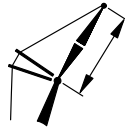
ASME B30.5



474,100 lb



196.9 ft

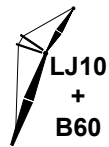


118.1 ft

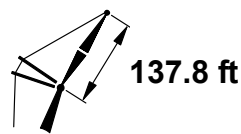
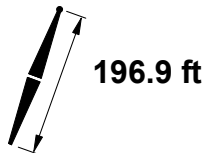
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.7	301.9	170,600	176,100									115
120	59.9	299.0	162,000	170,200									120
125	57.0	295.7	154,300	164,300									125
130	54.0	292.1	147,100	158,200									130
135	50.9	288.1	140,600	152,300									135
140	47.6	283.6	134,500	146,300	57.9	291.3	127,300	163,800					140
145	44.2	278.5	128,900	140,200	54.9	287.8	122,000	159,000					145
150	40.5	272.7	123,700	134,200	51.8	283.9	117,000	153,900					150
155	36.4	266.1	118,800	128,400	48.6	279.6	112,400	148,000					155
160	32.0	258.4	114,200	122,800	45.2	274.6	108,100	142,500					160
165	26.8	249.0	109,900	117,500	41.6	269.1	104,100	136,800	52.4	277.9	98,300	131,500	165
170	20.4	236.7	105,900	112,700	37.7	262.8	100,300	131,000	49.2	273.6	94,700	126,900	170
175	10.4	216.7	102,000	108,400	33.3	255.4	96,700	125,400	45.8	268.8	91,300	122,500	175
180					28.4	246.5	93,300	120,100	42.3	263.4	88,100	118,400	180
185					22.4	235.3	90,100	115,100	38.4	257.2	85,100	114,500	185
190					14.1	218.9	87,000	110,500	34.2	250.0	82,300	110,800	190
195									29.4	241.5	79,600	107,300	195
200									23.7	230.8	76,900	104,000	200
205									16.0	215.9	74,400	100,800	205

MLC300 VPC-MAX S-3

ASME B30.5



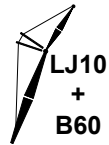
474,100 lb



	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft	
70	71.8	334.6	168,500	168,500									70
75	69.6	332.7	162,500	162,500									75
80	67.4	330.6	156,700	156,700	70.4	332.7	165,700	165,700					80
85	65.1	328.3	150,900	150,900	68.2	330.7	160,100	160,100					85
90	62.7	325.7	145,200	145,200	65.9	328.4	154,400	154,400					90
95	60.3	322.9	138,700	138,700	63.6	325.9	148,800	148,800	68.3	329.1	160,600	160,600	95
100	57.9	319.8	132,500	132,500	61.2	323.2	142,500	142,500	66.0	326.9	155,400	155,400	100
105	55.3	316.3	126,300	126,300	58.8	320.2	136,100	136,100	63.7	324.4	150,300	150,300	105
110	52.7	312.5	120,000	120,000	56.3	316.9	130,000	130,000	61.4	321.7	144,100	144,100	110
115	50.0	308.4	114,500	114,500	53.7	313.2	124,200	124,200	58.9	318.7	137,800	137,800	115
120	47.2	303.8	109,500	109,500	51.1	309.2	118,700	118,700	56.4	315.4	131,700	131,700	120
125	44.3	298.7	105,100	105,100	48.3	304.8	113,500	113,500	53.9	311.8	125,900	125,900	125
130	41.1	293.0	101,100	101,100	45.4	299.9	108,500	108,500	51.2	307.8	120,300	120,300	130
135	37.8	286.7	96,700	96,700	42.3	294.4	103,800	103,800	48.4	303.4	115,000	115,000	135
140	34.1	279.5	92,600	92,600	39.0	288.4	99,100	99,100	45.5	298.5	110,000	110,000	140
145	30.1	271.1	88,700	88,700	35.5	281.5	94,900	94,900	42.5	293.1	105,100	105,100	145
150	25.4	261.1	85,100	85,100	31.6	273.6	90,900	90,900	39.2	287.1	100,400	100,400	150
155	19.7	248.4	81,700	81,700	27.2	264.3	87,000	87,000	35.7	280.3	96,000	96,000	155
160	11.3	228.8	78,600	78,600	22.0	252.8	83,500	83,500	31.8	272.4	91,900	91,900	160
165					15.1	236.8	80,200	80,200	27.5	263.2	88,000	88,000	165
170									22.3	251.8	84,400	84,400	170
175									15.5	236.2	81,100	81,100	175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225

MLC300 VPC-MAX S-3

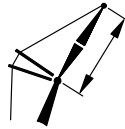
ASME B30.5



474,100 lb



196.9 ft

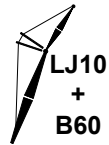


137.8 ft

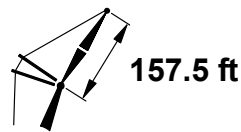
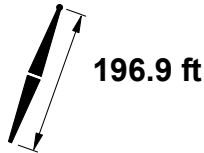
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.2	318.8	145,900	145,900									125
130	59.8	315.9	140,200	140,200									130
135	57.4	312.7	134,500	134,500									135
140	54.8	309.2	129,000	129,000									140
145	52.2	305.4	123,400	123,400									145
150	49.5	301.1	118,200	118,200	58.1	308.3	115,600	134,500					150
155	46.6	296.4	113,100	113,100	55.6	304.9	111,100	129,700					155
160	43.6	291.2	108,100	108,100	53.0	301.1	106,800	124,800					160
165	40.5	285.5	103,300	103,300	50.3	297.0	102,800	119,800					165
170	37.0	279.0	98,800	98,800	47.5	292.5	99,000	114,900					170
175	33.3	271.6	94,500	94,500	44.5	287.4	95,500	110,100	53.5	295.1	89,700	121,100	175
180	29.2	262.9	90,400	90,400	41.4	281.8	92,200	105,300	50.8	291.0	86,600	117,000	180
185	24.4	252.5	86,700	86,700	38.1	275.6	89,000	100,800	48.0	286.5	83,600	113,200	185
190	18.3	238.9	83,200	83,200	34.4	268.4	86,100	96,400	45.1	281.6	80,700	109,500	190
195													
200	8.5	215.8	80,000	80,000	30.4	260.2	83,200	92,300	42.0	276.1	78,000	106,100	195
205					25.8	250.4	80,500	88,500	38.7	270.0	75,400	101,900	200
210					20.3	237.9	77,900	84,800	35.1	263.0	72,900	97,600	205
215					12.3	219.4	75,400	81,600	31.2	255.0	70,600	93,500	210
220									26.7	245.5	68,300	89,700	215
225									21.4	233.7	66,100	86,000	220
									14.1	216.9	64,000	82,700	225

MLC300 VPC-MAX S-3

ASME B30.5



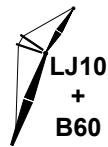
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	72.3	353.7	139,500	139,500									75
80	70.3	351.9	134,800	134,800									80
85	68.4	349.9	130,200	130,200	71.1	351.8	137,100	137,100					85
90	66.4	347.7	125,800	125,800	69.1	349.9	132,700	132,700					90
95	64.4	345.3	121,400	121,400	67.1	347.8	128,500	128,500					95
100	62.3	342.7	116,800	116,800	65.1	345.5	124,200	124,200					100
105	60.2	339.8	112,200	112,200	63.1	342.9	119,700	119,700	67.2	346.3	129,000	129,000	105
110	58.1	336.7	107,700	107,700	61.0	340.2	115,100	115,100	65.2	343.9	125,100	125,100	110
115	55.9	333.4	103,200	103,200	58.9	337.1	110,600	110,600	63.2	341.4	120,900	120,900	115
120	53.6	329.7	98,800	98,800	56.7	333.9	106,000	106,000	61.1	338.7	116,400	116,400	120
125	51.3	325.7	94,600	94,600	54.5	330.3	101,600	101,600	59.0	335.7	112,000	112,000	125
130	48.9	321.4	90,500	90,500	52.2	326.4	97,200	97,200	56.8	332.4	107,400	107,400	130
135	46.4	316.6	86,500	86,500	49.8	322.2	93,000	93,000	54.6	328.9	103,000	103,000	135
140	43.8	311.5	82,600	82,600	47.3	317.7	88,900	88,900	52.3	325.0	98,600	98,600	140
145	41.0	305.8	79,000	79,000	44.8	312.7	84,900	84,900	49.9	320.8	94,400	94,400	145
150	38.1	299.5	75,500	75,500	42.1	307.2	81,100	81,100	47.5	316.3	90,100	90,100	150
155	35.0	292.5	72,200	72,200	39.2	301.1	77,500	77,500	44.9	311.3	86,100	86,100	155
160	31.6	284.6	69,000	69,000	36.2	294.4	74,100	74,100	42.2	305.8	82,300	82,300	160
165	27.8	275.4	66,000	66,000	32.9	286.9	70,800	70,800	39.4	299.8	78,600	78,600	165
170	23.4	264.5	63,100	63,100	29.2	278.2	67,700	67,700	36.3	293.2	75,200	75,200	170
175	18.0	250.4	60,400	60,400	25.1	268.0	64,800	64,800	33.0	285.6	71,900	71,900	175
180	9.8	228.5	57,900	57,900	20.2	255.4	62,000	62,000	29.4	277.1	68,700	68,700	180
185					13.5	237.7	59,300	59,300	25.3	267.0	65,700	65,700	185
190									20.4	254.5	62,900	62,900	190
195									13.9	237.2	60,100	60,100	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

MLC300 VPC-MAX S-3

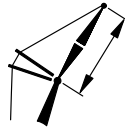
ASME B30.5



474,100 lb



196.9 ft

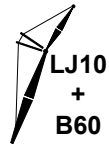


157.5 ft

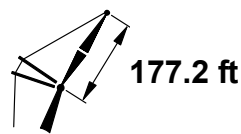
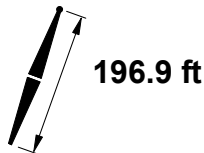
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	64.0	338.5	121,200	121,200									130
135	61.9	335.8	117,700	117,700									135
140	59.8	332.9	113,800	113,800									140
145	57.6	329.7	109,600	109,600									145
150	55.4	326.3	105,400	105,400									150
155	53.2	322.6	101,100	101,100									155
160	50.8	318.5	97,000	97,000	58.3	325.3	105,200	109,300					160
165	48.4	314.1	92,800	92,800	56.1	321.9	101,300	105,800					165
170	45.9	309.3	88,800	88,800	53.8	318.3	97,500	102,100					170
175	43.2	304.0	84,900	84,900	51.5	314.3	94,000	98,300					175
180	40.4	298.2	81,100	81,100	49.1	310.0	90,700	94,400					180
185	37.5	291.8	77,600	77,600	46.6	305.3	87,600	90,500					185
190	34.3	284.6	74,200	74,200	44.0	300.2	84,700	86,600	51.9	308.3	78,600	97,800	190
195	30.8	276.5	71,000	71,000	41.3	294.6	81,900	83,000	49.6	304.1	75,900	94,500	195
200	26.9	267.0	67,900	67,900	38.4	288.4	79,200	79,500	47.1	299.4	73,400	90,900	200
205	22.4	255.6	65,000	65,000	35.2	281.4	76,000	76,000	44.5	294.4	71,000	87,400	205
210	16.6	240.6	62,200	62,200	31.9	273.6	72,800	72,800	41.8	288.9	68,600	83,900	210
215	6.9	214.2	59,600	59,600	28.1	264.5	69,700	69,700	38.9	282.8	66,400	80,500	215
220					23.8	253.8	66,700	66,700	35.8	276.0	64,300	77,200	220
225					18.5	240.1	63,900	63,900	32.5	268.3	62,300	74,000	225
230					10.8	219.4	61,300	61,300	28.8	259.5	60,300	70,900	230
235									24.6	249.1	58,500	68,000	235
240									19.6	236.2	56,600	65,200	240
245									12.6	217.6	54,800	62,500	245

MLC300 VPC-MAX S-3

ASME B30.5



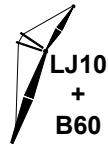
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	72.6	372.8	123,600	123,600									80
85	70.9	371.0	121,400	121,400									85
90	69.2	369.1	117,400	117,400	71.5	370.9	122,500	122,500					90
95	67.4	367.1	113,400	113,400	69.8	369.1	119,600	119,600					95
100	65.6	364.8	109,400	109,400	68.1	367.1	115,700	115,700					100
105	63.8	362.3	105,500	105,500	66.3	364.9	111,800	111,800					105
110	62.0	359.7	101,600	101,600	64.5	362.5	108,000	108,000	68.2	365.5	115,800	115,800	110
115	60.1	356.8	97,800	97,800	62.7	359.9	104,100	104,100	66.4	363.3	112,300	112,300	115
120	58.2	353.7	94,100	94,100	60.8	357.1	100,300	100,300	64.6	361.0	108,700	108,700	120
125	56.3	350.4	90,500	90,500	59.0	354.1	96,600	96,600	62.8	358.4	105,100	105,100	125
130	54.3	346.8	86,900	86,900	57.0	350.9	92,900	92,900	60.9	355.6	101,500	101,500	130
135	52.3	342.9	83,400	83,400	55.1	347.4	89,300	89,300	59.1	352.6	97,900	97,900	135
140	50.2	338.8	80,000	80,000	53.0	343.6	85,700	85,700	57.1	349.4	94,200	94,200	140
145	48.0	334.3	76,700	76,700	51.0	339.6	82,200	82,200	55.2	345.9	90,600	90,600	145
150	45.7	329.5	73,400	73,400	48.8	335.2	78,800	78,800	53.1	342.2	87,000	87,000	150
155	43.4	324.2	70,300	70,300	46.6	330.5	75,500	75,500	51.1	338.2	83,500	83,500	155
160	40.9	318.5	67,400	67,400	44.3	325.5	72,300	72,300	48.9	333.8	80,000	80,000	160
165	38.4	312.3	64,500	64,500	41.9	319.9	69,200	69,200	46.7	329.1	76,700	76,700	165
170	35.6	305.4	61,700	61,700	39.3	313.9	66,300	66,300	44.4	324.1	73,500	73,500	170
175	32.7	297.8	59,100	59,100	36.7	307.3	63,500	63,500	42.0	318.6	70,300	70,300	175
180	29.4	289.2	56,600	56,600	33.8	300.0	60,700	60,700	39.5	312.6	67,300	67,300	180
185	25.8	279.3	54,100	54,100	30.7	291.8	58,100	58,100	36.8	306.0	64,400	64,400	185
190	21.7	267.4	51,800	51,800	27.3	282.4	55,600	55,600	34.0	298.7	61,700	61,700	190
195	16.5	252.2	49,600	49,600	23.3	271.3	53,200	53,200	30.9	290.6	59,000	59,000	195
200	8.4	227.6	47,600	47,600	18.6	257.6	50,900	50,900	27.4	281.2	56,500	56,500	200
205					12.1	238.3	48,800	48,800	23.5	270.3	54,000	54,000	205
210									18.9	256.8	51,700	51,700	210
215									12.6	237.9	49,600	49,600	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-3

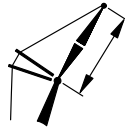
ASME B30.5



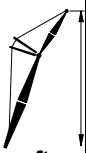
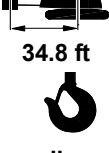
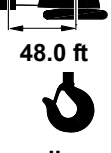
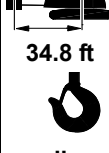
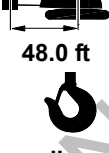
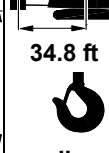
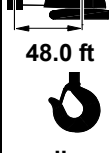
474,100 lb



196.9 ft

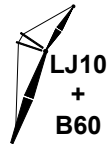


177.2 ft

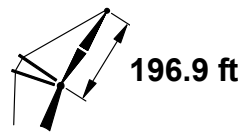
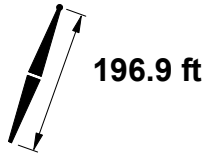
	75°				70°				65°					
														
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft	
80													80	
85													85	
90													90	
95													95	
100													100	
105													105	
110													110	
115													115	
120													120	
125													125	
130													130	
135													135	
140	63.5	355.4	105,200	105,200									140	
145	61.6	352.7	102,200	102,200									145	
150	59.8	349.8	99,100	99,100									150	
155	57.8	346.7	95,800	95,800									155	
160	55.9	343.3	92,500	92,500									160	
165	53.9	339.7	89,100	89,100									165	
170	51.8	335.8	85,700	85,700	58.4	342.3	94,900	94,900					170	
175	49.7	331.6	82,300	82,300	56.5	339.0	92,300	92,300					175	
180	47.5	327.0	79,000	79,000	54.5	335.4	89,300	89,500					180	
185	45.3	322.1	75,800	75,800	52.4	331.6	86,300	86,500					185	
190	42.9	316.8	72,600	72,600	50.3	327.4	83,300	83,400					190	
195	40.4	311.0	69,500	69,500	48.2	323.0	80,300	80,300					195	
200	37.8	304.6	66,600	66,600	45.9	318.2	77,100	77,100	52.8	325.5	71,400	85,300	200	
205	35.0	297.6	63,800	63,800	43.6	313.0	74,100	74,100	50.7	321.4	69,000	82,900	205	
210	32.0	289.8	61,000	61,000	41.2	307.3	71,100	71,100	48.6	317.0	66,700	80,200	210	
215	28.7	280.9	58,400	58,400	38.6	301.1	68,200	68,200	46.4	312.3	64,600	77,400	215	
220	25.1	270.7	55,900	55,900	35.9	294.3	65,400	65,400	44.0	307.2	62,500	74,600	220	
225	20.7	258.3	53,600	53,600	32.9	286.8	62,600	62,600	41.6	301.6	60,500	71,800	225	
230	15.2	242.0	51,300	51,300	29.7	278.3	59,900	59,900	39.1	295.5	58,600	69,000	230	
235	5.2	211.5	49,300	49,300	26.2	268.5	57,400	57,400	36.4	288.8	56,800	66,300	235	
240					22.1	256.8	55,000	55,000	33.5	281.4	55,000	63,600	240	
245					17.0	242.0	52,800	52,800	30.3	273.1	53,300	61,000	245	
250					9.4	219.0	50,700	50,700	26.9	263.6	51,700	58,500	250	
260										18.1	238.3	48,500	53,800	260

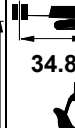
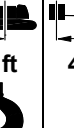
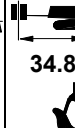
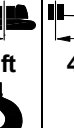
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



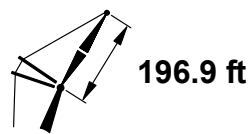
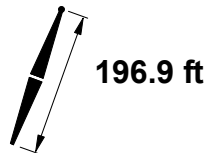
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	72.9	391.9	103,900	103,900									85
90	71.3	390.2	103,700	103,700									90
95	69.8	388.3	104,100	104,100	71.9	390.0	102,700	102,700					95
100	68.2	386.3	103,200	103,200	70.4	388.2	102,900	102,900					100
105	66.6	384.2	102,800	102,800	68.8	386.3	102,900	102,900					105
110	65.0	381.8	100,600	100,600	67.2	384.2	102,900	102,900					110
115	63.4	379.3	98,400	98,400	65.6	381.9	102,600	102,600	68.9	384.8	99,800	99,800	115
120	61.7	376.6	96,100	96,100	64.0	379.5	100,500	100,500	67.3	382.7	100,300	100,300	120
125	60.1	373.8	93,800	93,800	62.4	376.9	98,300	98,300	65.7	380.4	100,700	100,700	125
130	58.4	370.7	91,600	91,600	60.7	374.1	96,100	96,100	64.1	378.0	100,900	100,900	130
135	56.6	367.4	89,400	89,400	59.0	371.1	93,900	93,900	62.5	375.4	99,300	99,300	135
140	54.8	363.9	86,600	86,600	57.3	367.9	91,800	91,800	60.8	372.6	97,300	97,300	140
145	53.0	360.1	83,600	83,600	55.5	364.4	89,600	89,600	59.1	369.6	95,300	95,300	145
150	51.2	356.1	80,600	80,600	53.7	360.8	87,400	87,400	57.4	366.4	93,400	93,400	150
155	49.2	351.8	77,700	77,700	51.9	356.8	85,200	85,200	55.6	363.0	91,300	91,300	155
160	47.3	347.2	74,900	74,900	50.0	352.7	83,100	83,100	53.8	359.3	89,200	89,200	160
165	45.2	342.3	72,200	72,200	48.0	348.2	81,000	81,000	52.0	355.4	87,100	87,100	165
170	43.1	337.0	69,600	69,600	46.0	343.4	78,800	78,800	50.1	351.2	85,000	85,000	170
175	40.9	331.3	67,100	67,100	43.9	338.2	76,600	76,600	48.1	346.8	82,900	82,900	175
180	38.6	325.1	64,700	64,700	41.7	332.7	74,500	74,500	46.1	342.0	80,700	80,700	180
185	36.1	318.3	62,400	62,400	39.5	326.7	72,300	72,300	44.0	336.9	78,600	78,600	185
190	33.5	310.9	60,300	60,300	37.1	320.1	70,000	70,000	41.8	331.3	76,400	76,400	190
195	30.7	302.7	58,400	58,400	34.5	313.0	67,700	67,700	39.6	325.3	74,300	74,300	195
200	27.7	293.4	56,600	56,600	31.8	305.1	65,300	65,300	37.2	318.8	72,000	72,000	200
205	24.2	282.8	55,000	55,000	28.8	296.2	62,500	62,500	34.7	311.7	69,100	69,100	205
210	20.2	270.0	53,700	53,700	25.6	286.2	60,000	60,000	31.9	303.9	66,200	66,200	210
215	15.2	253.6	52,800	52,800	21.8	274.3	57,500	57,500	29.0	295.1	63,500	63,500	215
220	7.1	226.2	45,900	45,900	17.3	259.6	55,100	55,100	25.7	285.1	60,900	60,900	220
225					11.0	238.4	51,500	51,500	22.0	273.3	58,300	58,300	225
230									17.5	258.8	55,900	55,900	230
235									11.4	238.2	53,500	53,500	235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

ASME B30.5



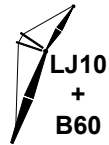
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.1	372.4	93,900	93,900									150
155	61.4	369.7	94,800	94,800									155
160	59.7	366.8	95,500	95,500									160
165	58.0	363.7	94,000	94,000									165
170	56.3	360.3	92,400	92,400									170
175	54.5	356.8	90,700	90,700									175
180	52.6	353.0	88,900	88,900	58.5	359.2	86,900	86,900					180
185	50.8	348.9	87,200	87,200	56.8	356.0	85,200	88,300					185
190	48.8	344.6	85,300	85,300	55.0	352.5	82,200	89,400					190
195	46.9	339.9	83,300	83,300	53.2	348.7	79,400	88,200					195
200	44.8	334.9	81,300	81,300	51.3	344.7	76,700	86,900					200
205	42.7	329.5	79,200	79,200	49.4	340.5	74,200	85,500					205
210	40.4	323.7	77,100	77,100	47.4	335.9	71,700	84,000	53.5	342.6	65,300	80,600	210
215	38.1	317.4	74,200	74,200	45.4	331.0	69,400	82,400	51.7	338.7	63,200	82,600	215
220	35.6	310.5	71,200	71,200	43.3	325.7	67,200	80,600	49.8	334.5	61,100	83,300	220
225	33.0	303.0	68,400	68,400	41.1	320.1	65,100	78,800	47.8	330.0	59,200	82,500	225
230	30.1	294.5	65,600	65,600	38.8	313.9	63,100	76,000	45.8	325.2	57,300	81,500	230
235	27.0	285.0	62,900	62,900	36.3	307.2	61,200	72,900	43.7	320.0	55,500	80,300	235
240	23.5	274.0	60,300	60,300	33.8	299.9	59,300	70,100	41.5	314.4	53,800	78,200	240
245	19.3	260.7	57,800	57,800	31.0	291.7	57,500	67,200	39.2	308.3	52,100	76,100	245
250	14.0	243.1	55,300	55,300	27.9	282.6	55,800	64,500	36.8	301.7	50,500	74,000	250
260					20.6	259.5	52,500	59,400	31.5	286.5	47,500	68,200	260
270					8.2	218.1	49,300	54,500	25.2	267.3	44,600	62,800	270
280									16.7	240.0	41,900	57,800	280

MLC300 VPC-MAX S-3

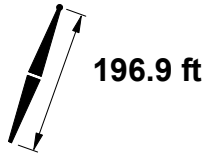
ASME B30.5



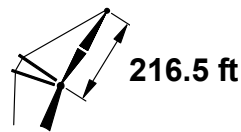
474,100 lb



360°



196.9 ft

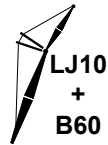


216.5 ft

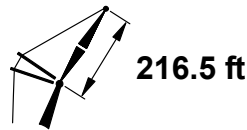
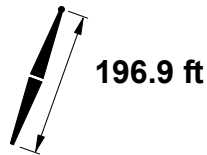
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90	73.1	410.9	87,900	87,900									90
95	71.7	409.3	87,700	87,700									95
100	70.3	407.5	87,500	87,500									100
105	68.9	405.5	87,200	87,200	70.8	407.4	86,700	86,700					105
110	67.4	403.5	86,800	86,800	69.4	405.5	86,600	86,600					110
115	66.0	401.2	86,400	86,400	68.0	403.5	86,500	86,500					115
120	64.5	398.8	86,000	86,000	66.5	401.3	86,400	86,400					120
125	63.0	396.3	85,600	85,600	65.1	399.0	86,200	86,200	68.1	401.9	84,000	84,000	125
130	61.5	393.6	83,700	83,700	63.6	396.5	85,900	85,900	66.6	399.8	84,100	84,100	130
135	60.0	390.7	81,500	81,500	62.1	393.8	85,700	85,700	65.2	397.4	84,300	84,300	135
140	58.5	387.6	79,300	79,300	60.6	391.0	83,600	83,600	63.7	395.0	84,400	84,400	140
145	56.9	384.4	77,200	77,200	59.0	388.0	81,500	81,500	62.2	392.3	84,400	84,400	145
150	55.3	380.9	75,000	75,000	57.5	384.8	79,300	79,300	60.7	389.5	84,400	84,400	150
155	53.6	377.3	72,900	72,900	55.9	381.5	77,200	77,200	59.1	386.5	82,700	82,700	155
160	52.0	373.4	70,700	70,700	54.3	377.9	75,100	75,100	57.6	383.4	80,700	80,700	160
165	50.2	369.2	68,300	68,300	52.6	374.0	72,900	72,900	56.0	380.0	78,600	78,600	165
170	48.5	364.8	66,100	66,100	50.9	370.0	70,800	70,800	54.3	376.4	76,600	76,600	170
175	46.7	360.1	63,900	63,900	49.1	365.7	68,700	68,700	52.7	372.6	74,500	74,500	175
180	44.8	355.1	61,700	61,700	47.3	361.1	66,600	66,600	51.0	368.6	72,400	72,400	180
185	42.9	349.8	59,600	59,600	45.5	356.2	64,600	64,600	49.2	364.3	70,400	70,400	185
190	40.8	344.0	57,600	57,600	43.6	351.0	62,400	62,400	47.4	359.7	68,300	68,300	190
195	38.7	337.9	55,800	55,800	41.6	345.4	60,500	60,500	45.6	354.8	66,200	66,200	195
200	36.5	331.2	54,000	54,000	39.5	339.4	58,400	58,400	43.7	349.6	64,100	64,100	200
205	34.2	323.9	52,300	52,300	37.4	333.0	56,400	56,400	41.7	344.1	62,000	62,000	205
210	31.7	316.0	50,700	50,700	35.1	325.9	54,400	54,400	39.6	338.1	60,000	60,000	210
215	29.0	307.2	48,800	48,800	32.7	318.3	52,400	52,400	37.5	331.7	57,900	57,900	215
220	26.1	297.3	47,000	47,000	30.1	309.8	50,500	50,500	35.2	324.7	55,800	55,800	220
225	22.8	286.0	45,100	45,100	27.3	300.4	48,600	48,600	32.8	317.1	53,800	53,800	225
230	19.0	272.3	43,400	43,400	24.1	289.6	46,700	46,700	30.2	308.7	51,800	51,800	230
235	14.1	254.7	41,700	41,700	20.5	277.0	44,900	44,900	27.4	299.3	49,900	49,900	235
240	5.9	224.0	37,600	37,600	16.1	261.2	43,200	43,200	24.3	288.6	48,000	48,000	240
245					9.9	238.2	41,600	41,600	20.7	276.1	46,100	46,100	245
250									16.4	260.5	44,300	44,300	250
260													260
270													270
280													280
290													290
300													300

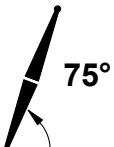
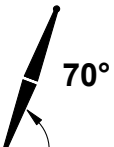
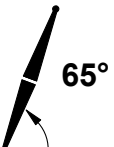
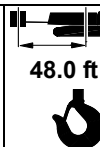
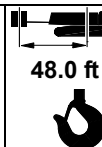
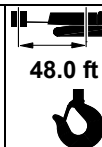
MLC300 VPC-MAX S-3

ASME B30.5



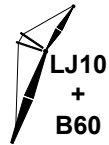
474,100 lb



	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160	62.7	389.4	78,300	78,300											160
165	61.2	386.7	78,900	78,900											165
170	59.7	383.7	79,400	79,400											170
175	58.1	380.6	79,900	79,900											175
180	56.6	377.3	79,500	79,500											180
185	54.9	373.8	77,800	77,800											185
190	53.3	370.1	76,100	76,100	58.6	376.2	72,000	72,000							190
195	51.6	366.2	74,200	74,200	57.0	372.9	72,900	72,900							195
200	49.9	362.0	72,400	72,400	55.4	369.5	73,900	73,900							200
205	48.1	357.5	70,400	70,400	53.8	365.9	72,300	74,700							205
210	46.3	352.8	68,500	68,500	52.1	362.0	69,900	73,800							210
215	44.4	347.7	66,400	66,400	50.4	357.9	67,600	72,400							215
220	42.4	342.3	64,500	64,500	48.6	353.5	65,400	70,800							220
225	40.4	336.5	62,400	62,400	46.8	348.8	63,300	69,200	52.4	355.9	57,200	67,400			225
230	38.3	330.2	60,400	60,400	45.0	343.8	61,300	67,400	50.7	351.8	55,400	68,700			230
235	36.1	323.4	58,300	58,300	43.0	338.5	59,400	65,700	49.0	347.5	53,600	69,200			235
240	33.7	316.0	56,300	56,300	41.0	332.8	57,600	63,900	47.2	342.9	51,900	68,100			240
245	31.2	308.0	54,300	54,300	38.9	326.7	55,800	61,900	45.3	338.0	50,300	66,800			245
250	28.5	299.0	52,300	52,300	36.7	320.1	54,100	60,000	43.4	332.7	48,700	65,500			250
260	22.1	277.1	48,400	48,400	31.9	305.0	50,900	56,100	39.3	321.1	45,700	62,400			260
270	12.9	243.8	44,900	44,900	26.4	286.5	47,900	52,200	34.8	307.5	42,900	58,900			270
280					19.4	261.9	45,100	48,400	29.8	291.2	40,400	55,300			280
290					7.1	216.6	42,300	45,100	23.8	270.7	37,900	51,600			290
300									15.6	241.5	35,600	48,100			300

MLC300 VPC-MAX S-3

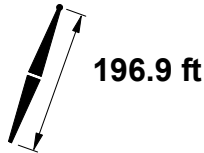
ASME B30.5



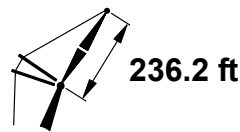
474,100 lb



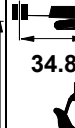
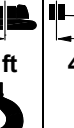
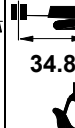
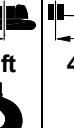
360°



196.9 ft

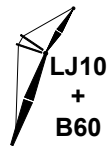


236.2 ft

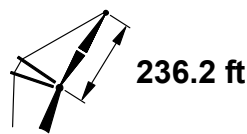
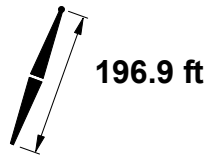
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
95	73.3	430.0	74,500	74,500									95
100	72.0	428.4	74,200	74,200									100
105	70.7	426.6	74,000	74,000									105
110	69.4	424.7	73,600	73,600	71.2	426.5	73,200	73,200					110
115	68.1	422.7	73,300	73,300	69.9	424.7	73,000	73,000					115
120	66.8	420.6	72,900	72,900	68.6	422.7	72,900	72,900					120
125	65.5	418.3	72,500	72,500	67.3	420.6	72,600	72,600					125
130	64.1	415.9	72,100	72,100	66.0	418.4	72,400	72,400	68.7	421.2	70,500	70,500	130
135	62.8	413.3	71,700	71,700	64.6	416.0	72,100	72,100	67.4	419.1	70,500	70,500	135
140	61.4	410.5	71,300	71,300	63.3	413.5	71,800	71,800	66.0	416.8	70,500	70,500	140
145	60.0	407.7	70,600	70,600	61.9	410.8	71,500	71,500	64.7	414.5	70,500	70,500	145
150	58.5	404.6	68,900	68,900	60.5	408.0	71,200	71,200	63.3	412.0	70,400	70,400	150
155	57.1	401.4	67,200	67,200	59.1	405.0	70,700	70,700	62.0	409.3	70,300	70,300	155
160	55.6	398.0	65,500	65,500	57.6	401.8	69,100	69,100	60.6	406.5	70,200	70,200	160
165	54.1	394.4	63,700	63,700	56.2	398.5	67,400	67,400	59.2	403.5	70,100	70,100	165
170	52.6	390.5	61,900	61,900	54.7	394.9	65,600	65,600	57.7	400.3	69,900	69,900	170
175	51.1	386.5	60,100	60,100	53.2	391.2	63,900	63,900	56.3	397.0	68,600	68,600	175
180	49.5	382.3	58,300	58,300	51.6	387.3	62,100	62,100	54.8	393.5	66,900	66,900	180
185	47.8	377.7	56,500	56,500	50.1	383.1	60,200	60,200	53.3	389.8	65,300	65,300	185
190	46.2	373.0	54,600	54,600	48.5	378.7	58,400	58,400	51.7	385.8	63,600	63,600	190
195	44.4	367.9	52,800	52,800	46.8	374.0	56,500	56,500	50.1	381.7	61,700	61,700	195
200	42.6	362.5	50,900	50,900	45.1	369.0	54,700	54,700	48.5	377.3	59,900	59,900	200
205	40.8	356.8	49,100	49,100	43.3	363.8	52,800	52,800	46.9	372.6	58,000	58,000	205
210	38.9	350.6	47,300	47,300	41.5	358.2	50,900	50,900	45.2	367.7	56,200	56,200	210
215	36.9	344.0	45,400	45,400	39.6	352.2	49,000	49,000	43.4	362.4	54,300	54,300	215
220	34.8	336.9	43,500	43,500	37.6	345.8	47,100	47,100	41.6	356.8	52,300	52,300	220
225	32.5	329.2	41,700	41,700	35.6	338.9	45,200	45,200	39.7	350.9	50,400	50,400	225
230	30.2	320.8	39,900	39,900	33.4	331.4	43,300	43,300	37.7	344.5	48,500	48,500	230
235	27.6	311.4	38,200	38,200	31.1	323.2	41,500	41,500	35.7	337.6	46,600	46,600	235
240	24.8	301.0	36,500	36,500	28.6	314.3	39,700	39,700	33.5	330.1	44,600	44,600	240
245	21.6	288.9	34,900	34,900	25.9	304.3	37,900	37,900	31.2	322.0	42,700	42,700	245
250	17.9	274.4	33,300	33,300	22.8	292.8	36,200	36,200	28.7	313.1	40,800	40,800	250
260	4.6	220.8	30,500	30,500	15.1	262.6	32,900	32,900	23.0	291.8	37,300	37,300	260
270									15.3	261.9	33,900	33,900	270
280													280
290													290
300													300
310													310
320													320

MLC300 VPC-MAX S-3

ASME B30.5



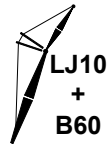
474,100 lb



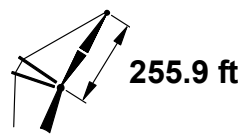
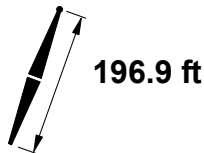
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	63.8	409.0	65,000	65,000									165
170	62.5	406.4	65,400	65,400									170
175	61.1	403.6	65,700	65,700									175
180	59.7	400.7	66,000	66,000									180
185	58.3	397.6	66,200	66,200									185
190	56.8	394.3	66,400	66,400									190
195	55.3	390.9	66,500	66,500									195
200	53.8	387.2	66,300	66,300	58.7	393.2	59,700	59,700					200
205	52.3	383.4	64,900	64,900	57.2	389.9	60,400	60,400					205
210	50.7	379.3	63,300	63,300	55.8	386.5	61,000	61,000					210
215	49.1	375.0	61,700	61,700	54.3	382.9	61,500	61,500					215
220	47.5	370.4	59,900	59,900	52.8	379.2	62,000	62,000					220
225	45.8	365.6	58,200	58,200	51.2	375.1	61,900	62,500					225
230	44.1	360.5	56,400	56,400	49.6	370.9	59,900	61,600					230
235	42.3	355.0	54,600	54,600	48.0	366.4	58,000	60,300	53.0	373.1	52,100	55,400	235
240	40.4	349.2	52,700	52,700	46.3	361.7	56,200	58,800	51.5	369.1	50,400	56,200	240
245	38.5	343.0	50,700	50,700	44.6	356.6	54,400	57,300	49.9	364.9	48,800	57,100	245
250	36.5	336.3	48,800	48,800	42.8	351.3	52,700	55,600	48.3	360.5	47,200	57,900	250
260	32.1	321.2	44,900	44,900	39.0	339.5	49,600	52,100	44.9	350.8	44,300	56,600	260
270	27.0	303.1	41,100	41,100	35.0	325.8	46,600	48,400	41.3	339.8	41,500	53,900	270
280	20.9	279.8	37,500	37,500	30.4	309.8	43,900	44,600	37.4	327.4	39,000	50,800	280
290	11.9	244.3	34,200	34,200	25.0	290.2	40,900	40,900	33.2	312.9	36,600	47,400	290
300					18.2	264.1	37,400	37,400	28.3	295.6	34,400	43,800	300
310					5.9	214.5	34,300	34,300	22.5	273.8	32,300	40,300	310
320									14.6	242.8	30,200	37,000	320

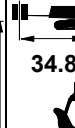
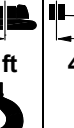
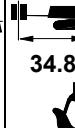
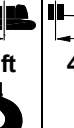
MLC300 VPC-MAX S-3

ASME B30.5



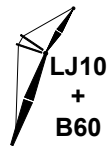
474,100 lb



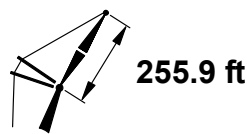
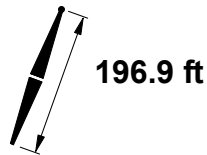
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
100	73.4	449.0	62,500	62,500									100
105	72.3	447.4	62,200	62,200									105
110	71.1	445.7	61,900	61,900									110
115	69.9	443.9	61,600	61,600	71.5	445.6	61,200	61,200					115
120	68.7	441.9	61,200	61,200	70.3	443.8	61,000	61,000					120
125	67.5	439.9	60,800	60,800	69.1	441.9	60,800	60,800					125
130	66.2	437.7	60,400	60,400	67.9	439.9	60,500	60,500					130
135	65.0	435.3	60,000	60,000	66.7	437.7	60,700	60,700					135
140	63.8	432.9	59,600	59,600	65.5	435.4	60,300	60,300	68.0	438.3	58,700	58,700	140
145	62.5	430.3	59,200	59,200	64.2	433.0	59,600	59,600	66.8	436.2	58,600	58,600	145
150	61.2	427.5	58,800	58,800	63.0	430.5	59,300	59,300	65.5	433.9	58,400	58,400	150
155	59.9	424.6	58,300	58,300	61.7	427.8	58,900	58,900	64.3	431.5	58,300	58,300	155
160	58.6	421.6	57,900	57,900	60.4	424.9	58,500	58,500	63.0	428.9	58,100	58,100	160
165	57.3	418.4	57,200	57,200	59.1	421.9	58,200	58,200	61.8	426.3	57,900	57,900	165
170	55.9	415.0	55,600	55,600	57.8	418.8	57,800	57,800	60.5	423.4	57,700	57,700	170
175	54.6	411.4	54,000	54,000	56.4	415.5	57,200	57,200	59.2	420.4	57,500	57,500	175
180	53.2	407.7	52,400	52,400	55.1	412.0	55,700	55,700	57.9	417.3	57,200	57,200	180
185	51.7	403.8	50,700	50,700	53.7	408.3	54,100	54,100	56.5	414.0	57,000	57,000	185
190	50.3	399.6	49,000	49,000	52.3	404.5	52,400	52,400	55.2	410.5	56,700	56,700	190
195	48.8	395.3	47,300	47,300	50.8	400.4	50,800	50,800	53.8	406.9	55,300	55,300	195
200	47.3	390.7	45,600	45,600	49.4	396.1	49,000	49,000	52.4	403.0	53,600	53,600	200
205	45.7	385.8	43,900	43,900	47.9	391.6	47,300	47,300	50.9	399.0	52,000	52,000	205
210	44.1	380.7	42,100	42,100	46.3	386.9	45,600	45,600	49.4	394.7	50,300	50,300	210
215	42.5	375.3	40,400	40,400	44.7	381.9	43,700	43,700	47.9	390.2	48,600	48,600	215
220	40.8	369.5	38,600	38,600	43.1	376.5	41,900	41,900	46.4	385.5	46,800	46,800	220
225	39.0	363.4	36,800	36,800	41.4	370.9	40,200	40,200	44.8	380.5	45,000	45,000	225
230	37.2	356.9	35,100	35,100	39.7	364.9	38,300	38,300	43.2	375.2	43,200	43,200	230
235	35.2	349.9	33,400	33,400	37.9	358.6	36,500	36,500	41.5	369.6	41,300	41,300	235
240	33.2	342.3	31,700	31,700	36.0	351.8	34,800	34,800	39.8	363.6	39,500	39,500	240
245	31.1	334.2	30,000	30,000	34.0	344.4	33,000	33,000	37.9	357.3	37,700	37,700	245
250	28.8	325.3	28,400	28,400	31.9	336.5	31,300	31,300	36.1	350.5	35,800	35,800	250
260	23.6	304.3	25,200	25,200	27.3	318.4	28,000	28,000	32.0	335.3	32,300	32,300	260
270	16.9	276.2	22,200	22,200	21.7	295.8	24,700	24,700	27.4	317.3	28,800	28,800	270
280	3.1	215.7	19,700	19,700	14.2	263.7	21,800	21,800	21.9	294.8	25,500	25,500	280
290									14.4	263.1	22,400	22,400	290
300													300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-3

ASME B30.5



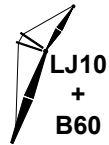
474,100 lb



75°					70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.5	426.0	54,000	54,000									175
180	62.2	423.4	54,100	54,100									180
185	61.0	420.6	54,200	54,200									185
190	59.7	417.7	54,300	54,300									190
195	58.4	414.6	54,300	54,300									195
200	57.0	411.3	54,400	54,400									200
205	55.7	407.9	54,400	54,400									205
210	54.3	404.3	54,300	54,300	58.7	410.1	49,300	49,300					210
215	52.9	400.6	54,300	54,300	57.4	406.9	49,700	49,700					215
220	51.5	396.6	53,300	53,300	56.1	403.6	50,000	50,000					220
225	50.0	392.4	51,800	51,800	54.7	400.0	50,300	50,300					225
230	48.5	388.0	50,200	50,200	53.3	396.3	50,600	50,600					230
235	47.0	383.4	48,500	48,500	51.9	392.4	50,800	50,800					235
240	45.4	378.4	46,800	46,800	50.4	388.3	51,000	51,000					240
245	43.8	373.3	45,100	45,100	48.9	383.9	50,300	50,300	53.6	390.2	45,300	45,300	245
250	42.1	367.8	43,200	43,200	47.4	379.4	48,900	48,900	52.1	386.3	45,300	45,900	250
260	38.6	355.7	39,600	39,600	44.3	369.4	45,900	45,900	49.2	378.0	42,400	46,900	260
270	34.8	342.0	35,900	35,900	40.9	358.3	42,500	42,500	46.2	368.6	39,700	46,600	270
280	30.6	326.1	32,300	32,300	37.3	345.7	39,000	39,000	42.9	358.3	37,200	44,100	280
290	25.8	306.9	28,800	28,800	33.4	331.3	35,400	35,400	39.5	346.6	34,800	41,100	290
300	19.8	282.4	25,400	25,400	29.0	314.3	31,900	31,900	35.8	333.3	32,700	37,900	300
310	11.1	244.6	22,500	22,500	23.8	293.6	28,400	28,400	31.7	317.9	30,600	34,400	310
320					17.2	266.0	25,200	25,200	27.0	299.7	28,600	31,000	320
330					4.8	211.5	22,500	22,500	21.4	276.7	26,800	27,700	330
340									13.7	243.8	24,600	24,600	340

MLC300 VPC-MAX S-3

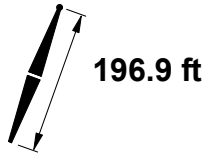
ASME B30.5



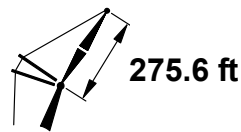
474,100 lb



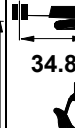
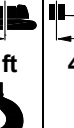
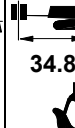
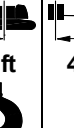
360°



196.9 ft

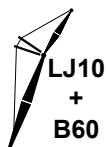


275.6 ft

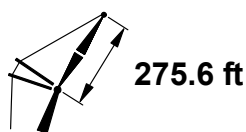
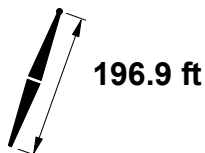
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.6	468.1	52,900	52,900									105
110	72.5	466.5	52,500	52,500									110
115	71.4	464.8	52,200	52,200									115
120	70.3	463.0	51,800	51,800	71.8	464.7	51,600	51,600					120
125	69.2	461.1	51,400	51,400	70.7	462.9	51,300	51,300					125
130	68.0	459.1	51,000	51,000	69.6	461.1	51,000	51,000					130
135	66.9	457.0	50,600	50,600	68.5	459.1	50,700	50,700					135
140	65.8	454.7	50,200	50,200	67.3	457.0	50,400	50,400					140
145	64.6	452.4	49,800	49,800	66.2	454.8	50,000	50,000	68.5	457.6	49,200	49,200	145
150	63.5	449.9	49,300	49,300	65.1	452.5	49,700	49,700	67.4	455.5	49,000	49,000	150
155	62.3	447.2	48,900	48,900	63.9	450.0	49,300	49,300	66.3	453.3	48,800	48,800	155
160	61.1	444.5	48,500	48,500	62.7	447.4	48,900	48,900	65.1	450.9	48,500	48,500	160
165	59.9	441.6	48,100	48,100	61.5	444.7	50,300	50,300	64.0	448.5	48,300	48,300	165
170	58.7	438.5	47,700	47,700	60.4	441.9	48,200	48,200	62.8	445.9	48,000	48,000	170
175	57.4	435.3	47,300	47,300	59.1	438.9	47,800	47,800	61.6	443.2	47,800	47,800	175
180	56.2	432.0	47,000	47,000	57.9	435.8	47,500	47,500	60.4	440.4	47,500	47,500	180
185	54.9	428.5	46,500	46,500	56.7	432.5	47,100	47,100	59.2	437.4	47,200	47,200	185
190	53.6	424.8	46,100	46,100	55.4	429.0	46,700	46,700	58.0	434.3	46,900	46,900	190
195	52.3	421.0	45,800	45,800	54.1	425.4	46,400	46,400	56.7	431.0	46,600	46,600	195
200	51.0	416.9	44,800	44,800	52.8	421.6	46,000	46,000	55.5	427.6	46,300	46,300	200
205	49.6	412.7	43,700	43,700	51.5	417.7	45,700	45,700	54.2	424.0	46,100	46,100	205
210	48.2	408.2	42,600	42,600	50.1	413.5	45,400	45,400	52.9	420.2	45,800	45,800	210
215	46.8	403.6	41,400	41,400	48.8	409.1	45,100	45,100	51.6	416.2	45,500	45,500	215
220	45.4	398.7	40,400	40,400	47.4	404.6	44,800	44,800	50.2	412.1	45,200	45,200	220
225	43.9	393.5	39,400	39,400	45.9	399.7	44,500	44,500	48.8	407.7	45,000	45,000	225
230	42.3	388.0	38,300	38,300	44.4	394.7	44,100	44,100	47.4	403.2	44,700	44,700	230
235	40.7	382.3	37,300	37,300	42.9	389.3	43,000	43,000	46.0	398.3	44,500	44,500	235
240	39.1	376.2	36,400	36,400	41.3	383.7	42,000	42,000	44.5	393.3	44,200	44,200	240
245	37.4	369.7	35,500	35,500	39.7	377.7	41,000	41,000	43.0	388.0	44,000	44,000	245
250	35.6	362.8	34,600	34,600	38.0	371.4	39,900	39,900	41.4	382.3	43,800	43,800	250
260	31.8	347.4	32,900	32,900	34.5	357.4	37,400	37,400	38.1	370.1	41,600	41,600	260
270	27.5	329.5	31,500	31,500	30.5	341.4	34,100	34,100	34.6	356.2	38,100	38,100	270
280	22.5	307.5	28,600	28,600	26.1	322.3	30,900	30,900	30.6	340.2	34,700	34,700	280
290	16.0	277.9	25,800	25,800	20.7	298.5	28,000	28,000	26.2	321.2	31,500	31,500	290
300					13.3	264.6	25,100	25,100	20.9	297.6	28,400	28,400	300
310									13.6	264.1	25,600	25,600	310
320													320
330													330
340													340
350													350
360													360

MLC300 VPC-MAX S-3

ASME B30.5



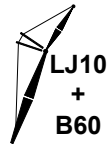
474,100 lb



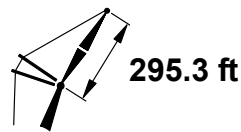
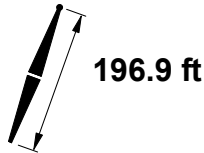
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
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120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185	63.2	443.0	44,900	44,900									185
190	62.0	440.3	44,900	44,900									190
195	60.9	437.5	44,800	44,800									195
200	59.7	434.6	44,800	44,800									200
205	58.4	431.5	44,700	44,700									205
210	57.2	428.3	44,600	44,600									210
215	55.9	424.9	44,500	44,500									215
220	54.7	421.4	44,400	44,400	58.8	427.1	40,800	40,800					220
225	53.4	417.7	44,300	44,300	57.6	423.9	41,000	41,000					225
230	52.1	413.8	44,100	44,100	56.3	420.6	41,200	41,200					230
235	50.7	409.7	44,000	44,000	55.0	417.1	41,300	41,300					235
240	49.3	405.5	43,800	43,800	53.8	413.4	41,400	41,400					240
245	48.0	401.0	43,700	43,700	52.4	409.6	41,500	41,500					245
250	46.5	396.2	43,500	43,500	51.1	405.6	41,500	41,500					250
260	43.6	386.0	43,300	43,300	48.4	396.9	41,600	41,600	52.7	403.5	37,500	37,500	260
270	40.4	374.7	43,000	43,000	45.5	387.4	41,600	41,600	50.0	395.3	38,200	38,200	270
280	37.0	362.0	41,300	41,300	42.5	376.8	40,900	41,600	47.2	386.3	35,800	38,700	280
290	33.4	347.5	37,700	37,700	39.2	365.0	38,400	41,700	44.3	376.4	33,500	39,100	290
300	29.3	330.7	34,300	34,300	35.8	351.7	36,100	40,500	41.2	365.3	31,300	39,500	300
310	24.6	310.5	31,100	31,100	32.0	336.4	33,900	37,000	37.9	353.0	29,300	39,800	310
320	18.9	284.7	28,100	28,100	27.7	318.6	31,800	33,700	34.3	338.9	27,400	39,300	320
330	10.3	244.5	25,200	25,200	22.8	296.8	29,800	30,500	30.3	322.7	25,600	36,000	330
340					16.4	267.7	27,600	27,600	25.8	303.5	23,800	32,800	340
350					3.5	207.0	24,800	24,800	20.4	279.4	22,200	29,800	350
360									12.8	244.6	20,600	26,900	360

MLC300 VPC-MAX S-3

ASME B30.5



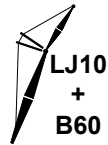
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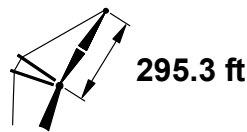
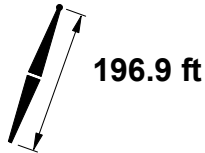
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.7	487.2	44,700	44,700									110
115	72.7	485.6	44,300	44,300									115
120	71.6	483.9	44,000	44,000									120
125	70.6	482.2	43,600	43,600									125
130	69.6	480.3	43,200	43,200	71.0	482.0	43,200	43,200					130
135	68.5	478.3	42,800	42,800	70.0	480.2	42,800	42,800					135
140	67.5	476.3	42,400	42,400	68.9	478.3	42,500	42,500					140
145	66.4	474.1	42,000	42,000	67.9	476.3	42,200	42,200					145
150	65.4	471.8	41,600	41,600	66.8	474.1	41,800	41,800	69.0	476.8	41,200	41,200	150
155	64.3	469.4	41,200	41,200	65.8	471.9	41,500	41,500	67.9	474.7	40,900	40,900	155
160	63.2	466.8	40,800	40,800	64.7	469.5	41,100	41,100	66.9	472.6	40,700	40,700	160
165	62.1	464.2	40,300	40,300	63.6	467.0	40,700	40,700	65.8	470.3	40,500	40,500	165
170	61.0	461.4	40,000	40,000	62.5	464.4	40,400	40,400	64.7	468.0	40,200	40,200	170
175	59.9	458.5	39,600	39,600	61.4	461.7	40,000	40,000	63.7	465.5	39,900	39,900	175
180	58.7	455.5	39,200	39,200	60.3	458.8	39,600	39,600	62.6	462.9	39,600	39,600	180
185	57.6	452.3	38,800	38,800	59.2	455.8	39,300	39,300	61.5	460.2	39,300	39,300	185
190	56.4	449.0	38,400	38,400	58.0	452.7	38,900	38,900	60.4	457.3	39,000	39,000	190
195	55.2	445.5	38,100	38,100	56.9	449.5	38,600	38,600	59.2	454.4	41,600	41,600	195
200	54.0	441.9	37,700	37,700	55.7	446.1	38,200	38,200	58.1	451.3	38,400	38,400	200
205	52.8	438.1	37,400	37,400	54.5	442.5	37,900	37,900	56.9	448.0	38,200	38,200	205
210	51.6	434.2	37,000	37,000	53.3	438.8	37,600	37,600	55.7	444.6	37,900	37,900	210
215	50.3	430.0	36,700	36,700	52.1	434.9	37,200	37,200	54.6	441.0	37,600	37,600	215
220	49.0	425.7	36,400	36,400	50.8	430.8	36,900	36,900	53.3	437.3	37,300	37,300	220
225	47.7	421.2	36,100	36,100	49.5	426.6	36,600	36,600	52.1	433.5	37,000	37,000	225
230	46.4	416.4	35,400	35,400	48.2	422.1	36,300	36,300	50.9	429.4	36,700	36,700	230
235	45.0	411.5	34,600	34,600	46.9	417.5	36,000	36,000	49.6	425.2	36,500	36,500	235
240	43.6	406.3	33,700	33,700	45.6	412.6	35,800	35,800	48.3	420.7	36,200	36,200	240
245	42.2	400.8	32,900	32,900	44.2	407.5	35,500	35,500	47.0	416.1	35,900	35,900	245
250	40.7	395.0	32,100	32,100	42.7	402.1	35,300	35,300	45.6	411.2	35,700	35,700	250
260	37.6	382.5	30,600	30,600	39.8	390.4	34,800	34,800	42.8	400.7	35,200	35,200	260
270	34.2	368.4	29,200	29,200	36.6	377.5	33,700	33,700	39.8	389.1	34,800	34,800	270
280	30.6	352.3	28,000	28,000	33.1	362.8	31,800	31,800	36.7	376.2	34,500	34,500	280
290	26.4	333.5	25,500	25,500	29.3	346.0	28,800	28,800	33.2	361.6	32,200	32,200	290
300	21.6	310.4	22,400	22,400	25.0	326.0	25,600	25,600	29.4	344.8	29,600	29,600	300
310	15.2	279.3	19,300	19,300	19.8	301.1	22,400	22,400	25.1	324.9	27,200	27,200	310
320					12.6	265.3	19,200	19,200	19.9	300.2	23,900	23,900	320
330									12.8	264.9	20,600	20,600	330
340													340
350													350
360													360
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380													380

MLC300 VPC-MAX S-3

ASME B30.5



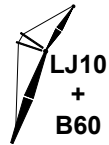
474,100 lb



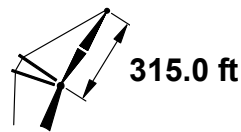
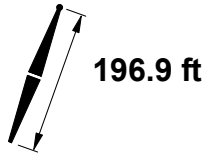
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195	63.0	460.0	37,200	37,200									195
200	61.9	457.3	37,100	37,100									200
205	60.8	454.5	37,000	37,000									205
210	59.6	451.6	36,800	36,800									210
215	58.5	448.5	36,700	36,700									215
220	57.4	445.3	36,600	36,600									220
225	56.2	442.0	36,400	36,400									225
230	55.0	438.5	36,200	36,200	58.8	444.0	33,600	33,600					230
235	53.8	434.8	36,000	36,000	57.7	440.9	33,600	33,600					235
240	52.6	431.0	35,900	35,900	56.5	437.6	33,700	33,700					240
245	51.3	427.0	35,700	35,700	55.3	434.1	33,700	33,700					245
250	50.1	422.8	35,500	35,500	54.1	430.5	33,700	33,700					250
260	47.5	413.9	35,200	35,200	51.7	422.8	33,700	33,700					260
270	44.8	404.1	34,800	34,800	49.2	414.4	33,600	33,600	53.2	420.7	30,600	30,600	270
280	41.9	393.3	34,500	34,500	46.5	405.1	33,500	33,500	50.7	412.7	30,900	30,900	280
290	38.9	381.3	34,200	34,200	43.8	395.0	33,400	33,400	48.1	403.9	31,200	31,200	290
300	35.6	367.9	34,000	34,000	40.8	383.8	33,300	33,300	45.4	394.3	29,500	31,400	300
310	32.1	352.6	31,500	31,500	37.7	371.3	32,200	33,200	42.6	383.8	27,500	31,600	310
320	28.2	335.0	29,000	29,000	34.4	357.3	30,100	33,100	39.6	372.1	25,600	31,700	320
330	23.6	313.9	26,700	26,700	30.7	341.3	28,200	30,700	36.4	359.0	23,800	31,900	330
340	18.0	286.8	24,100	24,100	26.6	322.6	26,400	28,300	33.0	344.3	22,200	32,000	340
350	9.5	244.2	21,500	21,500	21.8	299.8	24,600	26,000	29.1	327.3	20,600	29,800	350
360					15.5	269.2	23,000	23,700	24.8	307.1	19,000	27,400	360
370					1.6	198.1	21,100	21,100	19.5	281.8	17,600	25,200	370
380									12.1	245.1	16,100	23,100	380

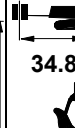
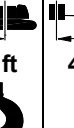
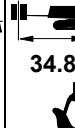
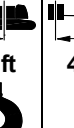
MLC300 VPC-MAX S-3

ASME B30.5



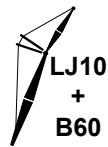
474,100 lb



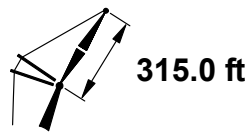
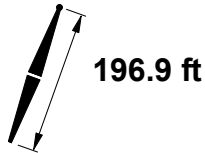
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.8	506.2	37,700	37,700									115
120	72.8	504.7	37,300	37,300									120
125	71.9	503.0	36,900	36,900									125
130	70.9	501.3	36,500	36,500									130
135	69.9	499.5	36,100	36,100	71.3	501.2	36,200	36,200					135
140	69.0	497.5	35,700	35,700	70.3	499.4	35,800	35,800					140
145	68.0	495.5	35,300	35,300	69.3	497.5	35,500	35,500					145
150	67.0	493.4	34,900	34,900	68.4	495.5	35,100	35,100					150
155	66.0	491.2	34,500	34,500	67.4	493.4	34,800	34,800					155
160	65.0	488.8	34,100	34,100	66.4	491.2	34,400	34,400	68.4	493.9	34,100	34,100	160
165	64.0	486.4	33,700	33,700	65.4	488.9	34,000	34,000	67.4	491.9	33,800	33,800	165
170	63.0	483.8	33,300	33,300	64.4	486.5	33,700	33,700	66.4	489.7	33,600	33,600	170
175	61.9	481.2	32,900	32,900	63.4	484.0	33,300	33,300	65.4	487.4	33,300	33,300	175
180	60.9	478.4	32,500	32,500	62.3	481.4	32,900	32,900	64.4	485.0	33,000	33,000	180
185	59.8	475.5	32,200	32,200	61.3	478.6	32,600	32,600	63.4	482.5	32,700	32,700	185
190	58.8	472.4	31,800	31,800	60.2	475.8	32,200	32,200	62.4	479.9	32,400	32,400	190
195	57.7	469.3	31,400	31,400	59.2	472.8	31,900	31,900	61.3	477.1	32,100	32,100	195
200	56.6	466.0	31,100	31,100	58.1	469.7	31,500	31,500	60.3	474.3	31,700	31,700	200
205	55.5	462.6	30,700	30,700	57.0	466.5	31,200	31,200	59.2	471.3	31,400	31,400	205
210	54.4	459.0	30,400	30,400	55.9	463.1	30,900	30,900	58.2	468.2	31,100	31,100	210
215	53.3	455.3	30,100	30,100	54.8	459.6	30,500	30,500	57.1	465.0	30,800	30,800	215
220	52.1	451.4	29,800	29,800	53.7	455.9	30,200	30,200	56.0	461.6	30,500	30,500	220
225	50.9	447.3	29,500	29,500	52.5	452.1	29,900	29,900	54.9	458.1	30,200	30,200	225
230	49.7	443.1	29,200	29,200	51.4	448.1	29,600	29,600	53.7	454.4	29,900	29,900	230
235	48.5	438.7	28,900	28,900	50.2	443.9	29,300	29,300	52.6	450.6	29,600	29,600	235
240	47.3	434.1	28,600	28,600	49.0	439.6	29,000	29,000	51.4	446.7	29,300	29,300	240
245	46.0	429.3	28,300	28,300	47.8	435.1	28,700	28,700	50.3	442.5	29,100	29,100	245
250	44.8	424.3	28,100	28,100	46.5	430.3	28,500	28,500	49.1	438.2	28,800	28,800	250
260	42.1	413.5	27,600	27,600	43.9	420.2	28,000	28,000	46.6	429.0	28,300	28,300	260
270	39.3	401.7	26,900	26,900	41.2	409.2	27,500	27,500	44.0	418.9	27,800	27,800	270
280	36.3	388.5	25,700	25,700	38.3	396.9	27,100	27,100	41.3	407.8	27,400	27,400	280
290	33.0	373.8	23,400	23,400	35.3	383.3	26,700	26,700	38.4	395.6	27,000	27,000	290
300	29.4	356.9	19,500	19,500	31.9	368.0	23,700	23,700	35.3	382.0	26,700	26,700	300
310	25.4	337.2	15,400	15,400	28.2	350.3	19,400	19,400	32.0	366.7	26,000	26,000	310
320	20.7	313.1	11,500	11,500	24.0	329.5	15,000	15,000	28.3	349.2	21,300	21,300	320
330					19.0	303.4	11,000	11,000	24.2	328.4	16,600	16,600	330
340									19.1	302.5	12,100	12,100	340
350													350
360													360
370													370
380													380
390													390
400													400

MLC300 VPC-MAX S-3

ASME B30.5



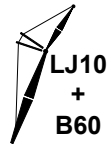
474,100 lb



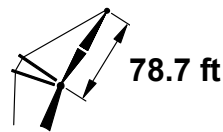
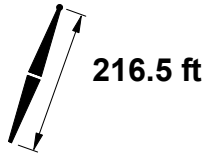
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200	63.8	479.5	30,600	30,600									200
205	62.8	476.9	30,400	30,400									205
210	61.7	474.3	30,300	30,300									210
215	60.7	471.4	30,100	30,100									215
220	59.6	468.5	29,900	29,900									220
225	58.6	465.5	29,800	29,800									225
230	57.5	462.3	29,600	29,600									230
235	56.4	459.0	29,400	29,400									235
240	55.3	455.5	29,200	29,200	58.9	461.0	27,300	27,300					240
245	54.2	451.9	29,000	29,000	57.8	457.8	27,300	27,300					245
250	53.0	448.1	28,800	28,800	56.7	454.6	27,300	27,300					250
260	50.7	440.1	28,300	28,300	54.5	447.6	27,200	27,200					260
270	48.3	431.4	27,900	27,900	52.2	440.0	27,100	27,100					270
280	45.8	422.0	27,500	27,500	49.9	431.8	26,900	26,900	53.6	437.8	24,600	24,600	280
290	43.2	411.6	27,200	27,200	47.4	422.8	26,700	26,700	51.3	429.9	24,800	24,800	290
300	40.4	400.2	26,800	26,800	44.9	413.0	26,400	26,400	48.9	421.4	24,900	24,900	300
310	37.5	387.6	26,500	26,500	42.2	402.3	26,200	26,200	46.4	412.1	25,000	25,000	310
320	34.3	373.5	26,300	26,300	39.4	390.5	26,000	26,000	43.8	402.0	24,100	25,000	320
330	30.9	357.6	25,600	25,600	36.4	377.4	25,800	25,800	41.1	390.8	22,400	25,000	330
340	27.1	339.1	22,400	22,400	33.2	362.7	25,000	25,700	38.2	378.5	20,700	25,000	340
350	22.7	317.1	17,100	17,100	29.6	346.0	23,300	25,000	35.1	364.8	19,200	25,000	350
360	17.2	288.7	12,300	12,300	25.6	326.4	21,700	22,700	31.8	349.4	17,700	25,000	360
370					20.9	302.6	17,000	17,000	28.0	331.6	16,200	24,200	370
380					14.8	270.5	12,100	12,100	23.8	310.6	14,900	21,900	380
390									18.7	284.1	13,600	16,300	390
400									11.4	245.4	11,600	11,600	400

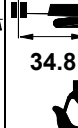
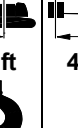
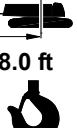
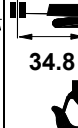
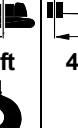
MLC300 VPC-MAX S-3

ASME B30.5



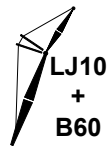
474,100 lb



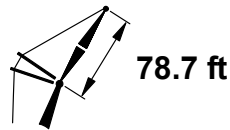
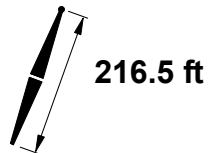
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
55	70.5	297.5	240,800 d	240,800 d									55
60	66.5	295.3	223,200 c	223,200 c									60
65	62.4	292.7	204,700 b	204,700 b	68.6	295.6	233,700 c	233,700 c					65
70	58.1	289.6	189,300 b	189,300 b	64.5	293.2	223,900 c	223,900 c					70
75	53.6	285.9	176,200 b	176,200 b	60.4	290.4	211,700 b	211,700 b					75
80	48.8	281.6	165,000	165,000	56.0	287.0	195,800 b	195,800 b	65.6	292.0	221,900 c	221,900 c	80
85	43.6	276.4	155,500	155,500	51.3	283.0	182,400	182,400	61.4	289.3	212,700 b	212,700 b	85
90	37.8	270.2	147,600	147,600	46.3	278.3	171,000	171,000	57.1	286.1	203,400 b	203,400 b	90
95	31.0	262.3	141,100	141,100	40.9	272.7	161,400	161,400	52.5	282.3	194,100	194,100	95
100	22.2	251.3	136,400	136,400	34.6	265.7	153,300	153,300	47.7	277.8	185,100	185,100	100
105					27.1	256.6	146,800	146,800	42.3	272.4	176,400	176,400	105
110					16.2	242.6	142,600	142,600	36.3	265.9	167,800	167,800	110
115									29.2	257.4	159,400	159,400	115
120									19.6	245.3	150,800	150,800	120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175

MLC300 VPC-MAX S-3

ASME B30.5



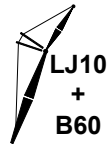
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.2	284.1	189,700 b	201,500 b									110
115	55.8	280.8	179,400 b	193,100 b									115
120	51.1	276.8	170,000	184,800									120
125	46.1	272.0	161,500	176,400									125
130	40.6	266.4	153,700	168,200	58.5	277.0	145,200 b	188,000 b					130
135	34.4	259.3	146,600	160,000	54.1	273.4	138,500	180,700					135
140	26.7	250.1	139,900	151,800	49.3	269.2	132,300	173,200					140
145	15.6	235.7	133,600	143,200	44.1	264.1	126,600	165,600					145
150					38.3	258.0	121,200	158,000					150
155					31.7	250.3	116,300	150,300	51.7	264.0	109,600	146,400	155
160					23.2	239.7	111,500	142,500	46.8	259.3	105,300	140,800	160
165					6.9	218.0	106,900	133,400	41.3	253.8	101,200	135,500	165
170									35.2	246.9	97,400	130,600	170
175									27.7	238.0	93,700	125,900	175
									17.3	224.7	90,200	121,400	175

MLC300 VPC-MAX S-3

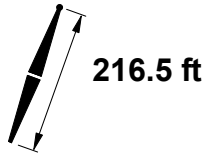
ASME B30.5



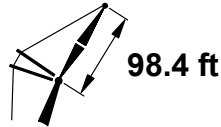
474,100 lb



360°



216.5 ft

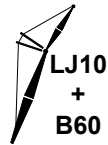


98.4 ft

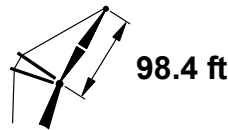
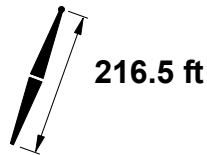
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
60	71.5	316.6	208,200 c	208,200 c									60
65	68.3	314.6	203,100 b	203,100 b									65
70	65.1	312.3	187,300 b	187,300 b	69.9	314.8	208,600 c	208,600 c					70
75	61.8	309.6	173,900 b	173,900 b	66.8	312.7	201,100 b	201,100 b					75
80	58.4	306.5	162,400	162,400	63.5	310.2	193,500 b	193,500 b					80
85	54.9	303.0	152,500	152,500	60.2	307.3	182,500	182,500	67.6	311.4	199,500 b	199,500 b	85
90	51.1	299.0	143,900	143,900	56.7	304.0	170,300	170,300	64.4	309.0	192,600 b	192,600 b	90
95	47.2	294.5	136,300	136,300	53.1	300.3	160,000	160,000	61.0	306.3	185,500	185,500	95
100	43.0	289.2	129,700	129,700	49.2	296.0	150,800	150,800	57.6	303.1	178,300	178,300	100
105	38.3	283.0	124,100	124,100	45.2	291.1	143,000	143,000	54.0	299.5	171,200	171,200	105
110	33.1	275.6	119,400	119,400	40.8	285.4	136,200	136,200	50.2	295.4	164,200	164,200	110
115	27.0	266.4	115,600	115,600	35.9	278.7	130,400	130,400	46.2	290.6	157,400	157,400	115
120	19.0	253.6	113,200	113,200	30.3	270.5	125,500	125,500	41.9	285.2	150,900	150,900	120
125					23.5	259.9	121,700	121,700	37.2	278.7	144,400	144,400	125
130					13.4	243.4	119,600	119,600	31.8	271.0	138,200	138,200	130
135									25.4	261.2	131,900	131,900	135
140									16.6	246.9	125,500	125,500	140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195

MLC300 VPC-MAX S-3

ASME B30.5



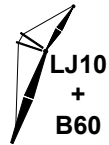
474,100 lb



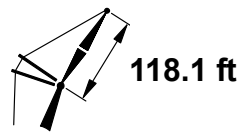
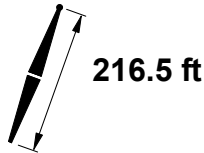
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	63.4	304.0	178,000	183,100									110
115	60.0	301.1	168,700	177,000									115
120	56.6	297.8	160,300	170,600									120
125	52.9	294.1	152,600	164,100									125
130	49.1	289.8	145,500	157,700									130
135	45.0	284.8	139,000	151,300	58.7	294.0	130,900	166,000					135
140	40.6	279.1	133,000	145,000	55.2	290.5	125,300	160,600					140
145	35.7	272.3	127,400	138,800	51.5	286.6	120,000	154,800					145
150	30.1	264.1	122,200	132,700	47.6	282.1	115,100	149,000					150
155	23.2	253.4	117,300	126,500	43.4	276.9	110,600	143,100					155
160	12.8	236.3	112,600	119,800	38.8	270.8	106,300	137,200	53.4	281.2	99,600	134,200	160
165					33.6	263.5	102,300	131,400	49.6	277.0	95,900	129,300	165
170					27.6	254.5	98,500	125,500	45.5	272.1	92,300	124,700	170
175					19.9	242.2	94,900	119,300	41.1	266.5	89,000	120,400	175
180									36.3	259.9	85,800	116,400	180
185									30.8	251.8	82,800	112,500	185
190									24.1	241.5	79,900	108,800	190
195									14.5	225.8	77,000	105,300	195

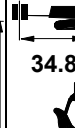
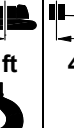
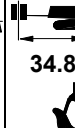
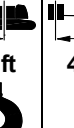
MLC300 VPC-MAX S-3

ASME B30.5



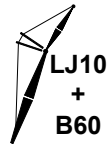
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
65	72.1	335.7	178,600 b	178,600 b									65
70	69.5	333.8	177,400 b	177,400 b									70
75	66.9	331.7	172,900	172,900	70.9	334.0	179,400 b	179,400 b					75
80	64.2	329.3	161,200	161,200	68.2	332.0	179,100 b	179,100 b					80
85	61.4	326.6	151,000	151,000	65.6	329.7	175,100	175,100					85
90	58.6	323.5	142,100	142,100	62.9	327.1	168,600	168,600	68.9	330.7	178,100 b	178,100 b	90
95	55.7	320.1	134,300	134,300	60.1	324.2	160,500	160,500	66.3	328.5	174,400	174,400	95
100	52.6	316.3	127,400	127,400	57.2	321.0	150,900	150,900	63.6	326.0	168,900	168,900	100
105	49.4	312.1	121,300	121,300	54.2	317.4	142,500	142,500	60.8	323.2	163,300	163,300	105
110	46.1	307.3	115,800	115,800	51.1	313.4	135,100	135,100	57.9	320.1	157,700	157,700	110
115	42.5	301.9	111,000	111,000	47.8	308.9	128,600	128,600	55.0	316.6	152,100	152,100	115
120	38.7	295.8	106,900	106,900	44.4	303.9	122,800	122,800	51.9	312.7	146,600	146,600	120
125	34.5	288.7	103,300	103,300	40.7	298.2	117,700	117,700	48.7	308.3	141,300	141,300	125
130	29.7	280.3	100,300	100,300	36.7	291.6	113,200	113,200	45.3	303.4	136,000	136,000	130
135	24.1	269.8	97,900	97,900	32.2	283.9	109,400	109,400	41.7	297.9	130,900	130,900	135
140	16.7	255.3	96,600	96,600	27.1	274.7	106,300	106,300	37.7	291.6	125,900	125,900	140
145					20.8	262.7	103,900	103,900	33.4	284.2	120,700	120,700	145
150					11.2	243.5	103,000	103,000	28.5	275.4	115,800	115,800	150
155									22.6	264.3	111,100	111,100	155
160									14.3	248.0	106,400	106,400	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215

MLC300 VPC-MAX S-3

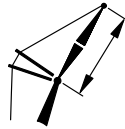
ASME B30.5



474,100 lb



216.5 ft

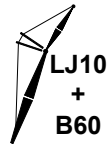


118.1 ft

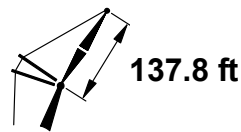
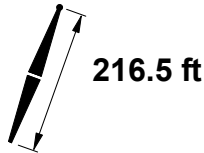
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.7	320.9	159,300	161,500									120
125	59.9	318.0	151,700	156,800									125
130	57.1	314.8	144,700	151,800									130
135	54.1	311.2	138,200	146,800									135
140	51.0	307.2	132,200	141,600									140
145	47.7	302.7	126,700	136,600	58.9	311.0	119,000	147,500					145
150	44.2	297.6	121,600	131,700	55.9	307.6	114,200	143,300					150
155	40.5	291.9	116,800	126,700	52.9	303.8	109,700	138,900					155
160	36.5	285.3	112,300	121,900	49.7	299.6	105,500	134,300					160
165	32.1	277.5	108,100	117,100	46.4	294.9	101,500	129,700					165
170	26.9	268.2	104,200	112,300	42.9	289.6	97,800	125,100					170
175	20.5	256.0	100,400	107,400	39.0	283.5	94,300	120,600	51.3	294.3	87,700	119,500	175
180	10.7	236.3	96,700	102,000	34.9	276.6	91,100	115,900	48.1	289.9	84,600	115,500	180
185					30.2	268.3	87,900	111,400	44.7	284.9	81,700	111,700	185
190					24.7	258.1	85,000	106,700	41.0	279.2	78,900	108,100	190
195					17.5	244.1	82,100	101,800	37.0	272.8	76,200	104,700	195
200									32.6	265.2	73,700	101,500	200
205									27.6	256.1	71,200	98,400	205
210									21.4	244.3	68,900	95,400	210
215									12.3	226.3	66,500	92,500	215

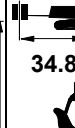
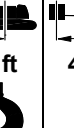
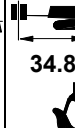
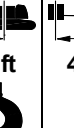
MLC300 VPC-MAX S-3

ASME B30.5



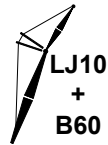
474,100 lb



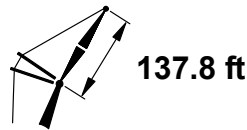
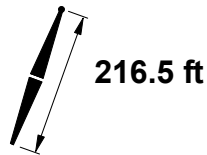
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
70	72.6	354.8	153,300 b	153,300 b									70
75	70.4	353.0	152,700	152,700									75
80	68.1	351.0	151,800	151,800	71.5	353.1	153,300	153,300					80
85	65.8	348.8	147,800	147,800	69.3	351.2	153,500	153,500					85
90	63.5	346.3	140,600	140,600	67.0	349.1	151,900	151,900					90
95	61.2	343.5	132,600	132,600	64.7	346.7	146,900	146,900					95
100	58.7	340.5	125,600	125,600	62.4	344.1	141,900	141,900	67.6	347.8	152,000	152,000	100
105	56.2	337.1	119,300	119,300	60.0	341.2	136,300	136,300	65.3	345.5	148,900	148,900	105
110	53.6	333.5	113,700	113,700	57.5	338.0	130,500	130,500	63.0	343.0	144,300	144,300	110
115	51.0	329.4	108,700	108,700	55.0	334.5	125,000	125,000	60.6	340.2	139,100	139,100	115
120	48.2	325.0	104,100	104,100	52.4	330.7	119,600	119,600	58.1	337.1	133,400	133,400	120
125	45.3	320.1	100,100	100,100	49.6	326.5	114,500	114,500	55.6	333.7	127,800	127,800	125
130	42.2	314.7	96,500	96,500	46.8	321.8	109,700	109,700	53.0	329.9	122,400	122,400	130
135	38.9	308.6	93,200	93,200	43.8	316.7	105,000	105,000	50.3	325.8	117,200	117,200	135
140	35.4	301.7	90,400	90,400	40.6	310.9	100,600	100,600	47.5	321.3	112,300	112,300	140
145	31.5	293.8	87,900	87,900	37.2	304.5	96,300	96,300	44.6	316.2	107,500	107,500	145
150	27.1	284.4	85,200	85,200	33.6	297.1	92,300	92,300	41.5	310.6	102,900	102,900	150
155	21.8	272.8	82,600	82,600	29.4	288.6	88,500	88,500	38.1	304.4	98,500	98,500	155
160	14.8	256.6	79,400	79,400	24.7	278.3	84,900	84,900	34.5	297.3	94,300	94,300	160
165					18.7	264.9	81,500	81,500	30.5	289.1	90,400	90,400	165
170					9.4	243.1	78,600	78,600	26.0	279.3	86,700	86,700	170
175									20.4	266.9	83,200	83,200	175
180									12.5	248.6	80,000	80,000	180
185													185
190													190
195													195
200													200
205													205
210													210
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225													225
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235													235

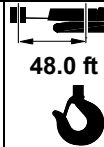
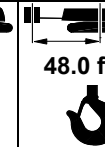
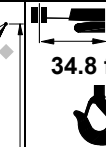
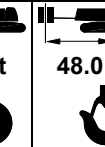
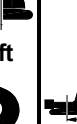
MLC300 VPC-MAX S-3

ASME B30.5



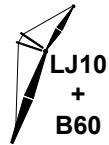
474,100 lb



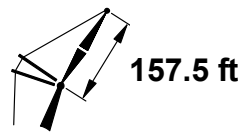
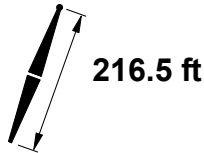
	 75°				 70°				 65°						
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb		 lb	 ft
70															70
75															75
80															80
85															85
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130	62.3	337.9	142,000	142,000											130
135	59.9	335.0	136,800	137,400											135
140	57.4	331.8	130,900	132,300											140
145	54.9	328.3	125,400	127,200											145
150	52.3	324.5	120,300	122,200											150
155	49.5	320.2	115,600	117,200	58.9	327.9	108,200	132,000							155
160	46.7	315.5	111,200	112,300	56.5	324.6	104,000	128,800							160
165	43.7	310.4	107,000	107,600	53.9	321.0	100,100	124,600							165
170	40.5	304.6	103,000	103,000	51.2	317.0	96,500	120,100							170
175	37.1	298.1	98,600	98,600	48.5	312.6	93,000	115,600							175
180	33.4	290.7	94,400	94,400	45.6	307.7	89,800	110,900							180
185	29.3	282.1	90,400	90,400	42.5	302.3	86,700	106,400	52.6	311.6	79,700	110,200			185
190	24.5	271.7	86,600	86,600	39.2	296.3	83,800	102,000	49.9	307.4	76,900	106,700			190
195	18.5	258.2	83,200	83,200	35.7	289.5	81,100	97,700	47.0	302.8	74,300	103,300			195
200	8.8	235.6	80,100	80,100	31.9	281.7	78,500	93,600	44.1	297.7	71,900	100,200			200
205					27.5	272.5	76,000	89,700	40.9	292.0	69,500	97,100			205
210					22.4	261.1	73,600	86,100	37.5	285.6	67,200	94,300			210
215					15.6	245.6	71,200	82,700	33.9	278.3	65,100	91,500			215
220									29.8	269.9	63,000	88,900			220
225									25.1	259.7	61,000	86,400			225
230									19.3	246.7	59,000	83,900			230
235									10.5	226.2	57,100	81,500			235

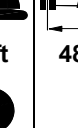
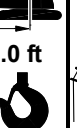
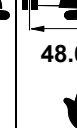
MLC300 VPC-MAX S-3

ASME B30.5



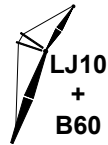
474,100 lb



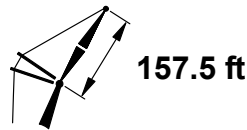
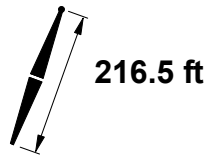
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
75	72.9	373.9	131,000	131,000									75
80	71.0	372.2	130,700	130,700									80
85	69.0	370.2	127,300	127,300	72.0	372.2	130,500	130,500					85
90	67.1	368.1	123,300	123,300	70.0	370.4	130,200	130,200					90
95	65.1	365.8	119,400	119,400	68.1	368.4	126,300	126,300					95
100	63.0	363.2	115,300	115,300	66.1	366.1	122,500	122,500					100
105	60.9	360.5	111,200	111,200	64.1	363.7	118,700	118,700	68.6	367.1	127,100	127,100	105
110	58.8	357.4	107,000	107,000	62.0	361.0	114,700	114,700	66.6	364.9	123,800	123,800	110
115	56.6	354.2	102,900	102,900	59.9	358.2	110,500	110,500	64.6	362.6	120,400	120,400	115
120	54.4	350.6	98,800	98,800	57.8	355.0	106,300	106,300	62.5	360.0	116,700	116,700	120
125	52.1	346.7	94,700	94,700	55.6	351.6	102,100	102,100	60.5	357.1	112,700	112,700	125
130	49.7	342.5	90,800	90,800	53.3	347.9	98,000	98,000	58.3	354.0	108,600	108,600	130
135	47.3	337.9	87,000	87,000	51.0	343.8	93,900	93,900	56.1	350.7	104,500	104,500	135
140	44.7	332.9	83,300	83,300	48.5	339.4	90,000	90,000	53.9	347.1	100,300	100,300	140
145	42.0	327.4	79,600	79,600	46.0	334.7	86,100	86,100	51.6	343.1	96,200	96,200	145
150	39.1	321.3	76,200	76,200	43.4	329.4	82,300	82,300	49.2	338.8	92,200	92,200	150
155	36.1	314.6	72,900	72,900	40.6	323.7	78,800	78,800	46.7	334.1	88,200	88,200	155
160	32.8	307.0	69,800	69,800	37.7	317.3	75,300	75,300	44.1	329.0	84,400	84,400	160
165	29.1	298.3	66,800	66,800	34.5	310.2	72,100	72,100	41.3	323.4	80,700	80,700	165
170	25.0	288.1	63,900	63,900	31.0	302.1	69,000	69,000	38.4	317.2	77,200	77,200	170
175	20.0	275.3	61,200	61,200	27.2	292.7	66,000	66,000	35.3	310.3	73,900	73,900	175
180	13.2	257.4	58,600	58,600	22.7	281.4	63,100	63,100	31.9	302.4	70,700	70,700	180
185					17.0	266.7	60,400	60,400	28.2	293.4	67,600	67,600	185
190					7.8	241.9	58,000	58,000	23.9	282.7	64,700	64,700	190
195									18.6	269.2	61,900	61,900	195
200									11.0	248.8	59,300	59,300	200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

ASME B30.5



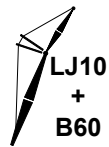
474,100 lb



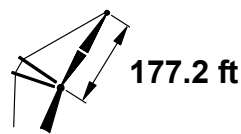
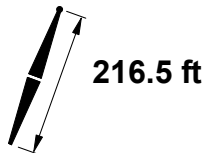
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	64.0	357.5	117,800	117,800									135
140	61.9	354.9	114,900	114,900									140
145	59.8	352.0	111,500	111,500									145
150	57.7	348.8	107,800	107,800									150
155	55.5	345.4	104,100	104,100									155
160	53.2	341.6	100,100	100,100									160
165	50.9	337.6	96,200	96,200									165
170	48.4	333.2	92,300	92,300	56.8	341.6	94,900	105,000					170
175	45.9	328.4	88,400	88,400	54.6	338.1	91,500	101,900					175
180	43.3	323.1	84,600	84,600	52.3	334.2	88,300	98,400					180
185	40.5	317.3	80,900	80,900	49.9	330.1	85,200	94,900					185
190	37.5	310.9	77,500	77,500	47.5	325.5	82,300	91,200					190
195	34.4	303.8	74,200	74,200	44.9	320.5	79,500	87,500	53.5	328.8	72,200	98,000	195
200	30.9	295.6	71,000	71,000	42.2	315.1	76,900	83,900	51.1	324.8	69,700	95,300	200
205	27.0	286.2	67,900	67,900	39.4	309.1	74,400	80,400	48.7	320.4	67,400	92,300	205
210	22.5	274.8	65,000	65,000	36.4	302.4	72,000	77,100	46.2	315.6	65,200	89,100	210
215	16.8	260.0	62,300	62,300	33.1	294.9	69,700	73,800	43.6	310.4	63,100	85,700	215
220	7.2	234.1	59,700	59,700	29.5	286.3	67,500	70,700	40.8	304.7	61,000	82,400	220
225					25.4	276.2	65,300	67,700	37.9	298.4	59,100	79,200	225
230					20.5	263.8	63,300	64,900	34.8	291.3	57,200	76,000	230
235					14.0	246.6	61,200	62,200	31.3	283.3	55,500	72,900	235
240									27.5	274.1	53,700	69,900	240
245									23.1	263.0	52,000	67,100	245
250									17.6	248.7	50,400	64,400	250

MLC300 VPC-MAX S-3

ASME B30.5



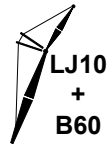
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	73.2	393.0	112,300	112,300									80
85	71.5	391.3	112,100	112,100									85
90	69.8	389.4	111,700	111,700									90
95	68.0	387.4	111,100	111,100	70.6	389.5	111,700	111,700					95
100	66.2	385.2	107,400	107,400	68.9	387.6	111,700	111,700					100
105	64.5	382.8	103,800	103,800	67.2	385.5	110,300	110,300					105
110	62.6	380.2	100,200	100,200	65.4	383.2	106,700	106,700					110
115	60.8	377.4	96,700	96,700	63.6	380.7	103,300	103,300	67.6	384.2	109,400	109,400	115
120	58.9	374.4	93,300	93,300	61.7	378.0	99,700	99,700	65.8	382.0	108,000	108,000	120
125	57.0	371.2	89,900	89,900	59.9	375.1	96,200	96,200	64.0	379.6	104,700	104,700	125
130	55.0	367.7	86,500	86,500	58.0	372.0	92,800	92,800	62.2	376.9	101,500	101,500	130
135	53.0	363.9	83,200	83,200	56.0	368.6	89,400	89,400	60.3	374.1	98,100	98,100	135
140	50.9	359.9	80,000	80,000	54.0	365.0	86,100	86,100	58.4	371.0	94,800	94,800	140
145	48.7	355.5	76,800	76,800	52.0	361.1	82,700	82,700	56.5	367.7	91,500	91,500	145
150	46.5	350.8	73,700	73,700	49.9	356.9	79,400	79,400	54.5	364.2	88,100	88,100	150
155	44.2	345.7	70,700	70,700	47.7	352.4	76,300	76,300	52.5	360.3	84,700	84,700	155
160	41.8	340.2	67,700	67,700	45.4	347.5	73,100	73,100	50.4	356.2	81,400	81,400	160
165	39.3	334.1	65,000	65,000	43.0	342.2	70,100	70,100	48.2	351.8	78,200	78,200	165
170	36.6	327.5	62,300	62,300	40.6	336.4	67,200	67,200	46.0	347.0	75,000	75,000	170
175	33.7	320.1	59,700	59,700	38.0	330.1	64,400	64,400	43.7	341.8	72,000	72,000	175
180	30.6	311.9	57,100	57,100	35.2	323.1	61,700	61,700	41.2	336.1	68,900	68,900	180
185	27.1	302.5	54,700	54,700	32.2	315.4	59,100	59,100	38.7	330.0	66,100	66,100	185
190	23.2	291.3	52,400	52,400	28.9	306.6	56,600	56,600	35.9	323.2	63,300	63,300	190
195	18.4	277.5	50,200	50,200	25.3	296.4	54,100	54,100	33.0	315.6	60,600	60,600	195
200	11.9	257.8	48,200	48,200	21.0	284.2	51,900	51,900	29.8	307.1	58,000	58,000	200
205					15.6	268.2	49,700	49,700	26.3	297.4	55,500	55,500	205
210					6.3	240.0	47,800	47,800	22.2	285.8	53,200	53,200	210
215									17.1	271.0	50,900	50,900	215
220									9.7	248.5	48,900	48,900	220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-3

ASME B30.5



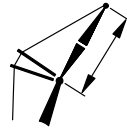
474,100 lb



360°



216.5 ft

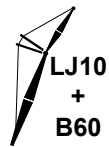


177.2 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	63.5	374.5	102,300	102,300									145
150	61.7	371.8	99,700	99,700									150
155	59.8	368.9	97,000	97,000									155
160	57.9	365.8	94,100	94,100									160
165	55.9	362.4	91,100	91,100									165
170	53.9	358.8	87,900	87,900									170
175	51.9	354.9	84,800	84,800									175
180	49.8	350.7	81,600	81,600	57.1	358.6	86,400	91,300					180
185	47.6	346.1	78,400	78,400	55.2	355.2	83,300	88,800					185
190	45.3	341.2	75,300	75,300	53.2	351.4	80,400	86,200					190
195	43.0	335.9	72,200	72,200	51.1	347.4	77,700	83,500					195
200	40.5	330.1	69,300	69,300	48.9	343.1	75,000	80,600					200
205	37.9	323.7	66,400	66,400	46.7	338.4	72,600	77,600					205
210	35.1	316.8	63,600	63,600	44.4	333.3	70,200	74,700	52.1	342.0	63,200	83,000	210
215	32.1	309.0	60,900	60,900	42.0	327.8	67,900	71,800	50.0	337.8	61,100	80,800	215
220	28.8	300.1	58,400	58,400	39.5	321.8	65,800	68,900	47.8	333.3	59,100	78,300	220
225	25.1	289.9	55,900	55,900	36.8	315.3	63,700	66,100	45.6	328.5	57,200	75,800	225
230	20.8	277.6	53,600	53,600	34.0	308.0	61,700	63,400	43.2	323.2	55,400	73,200	230
235	15.3	261.4	51,400	51,400	30.9	299.8	59,800	60,800	40.8	317.5	53,600	70,500	235
240	5.6	231.7	49,300	49,300	27.5	290.5	57,900	58,200	38.2	311.2	52,000	67,800	240
245					23.6	279.6	55,800	55,800	35.4	304.3	50,300	65,200	245
250					18.9	266.1	53,500	53,500	32.5	296.6	48,800	62,600	250
260									25.6	277.9	45,800	57,700	260
270									16.1	250.3	43,000	53,100	270

MLC300 VPC-MAX S-3

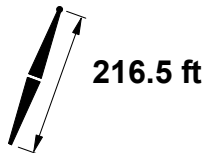
ASME B30.5



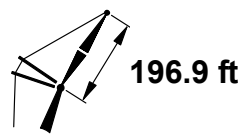
474,100 lb



360°



216.5 ft

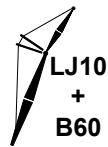


196.9 ft

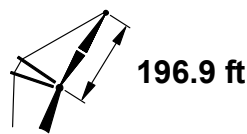
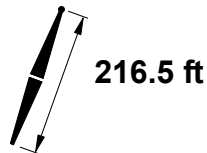
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	73.4	412.0	95,400	95,400									85
90	71.9	410.4	95,300	95,300									90
95	70.3	408.6	95,600	95,600									95
100	68.8	406.6	94,700	94,700	71.1	408.6	94,700	94,700					100
105	67.2	404.5	94,300	94,300	69.6	406.8	94,700	94,700					105
110	65.6	402.2	93,800	93,800	68.0	404.8	94,700	94,700					110
115	64.0	399.8	92,600	92,600	66.4	402.6	94,500	94,500					115
120	62.3	397.2	89,900	89,900	64.8	400.2	94,300	94,300	68.4	403.5	92,400	92,400	120
125	60.6	394.4	87,100	87,100	63.2	397.7	94,100	94,100	66.8	401.3	92,800	92,800	125
130	59.0	391.4	84,300	84,300	61.5	395.0	93,800	93,800	65.2	399.0	93,100	93,100	130
135	57.2	388.1	81,500	81,500	59.8	392.1	91,800	91,800	63.6	396.6	93,300	93,300	135
140	55.5	384.7	78,700	78,700	58.1	389.0	89,900	89,900	61.9	393.9	93,400	93,400	140
145	53.6	381.0	76,000	76,000	56.4	385.6	87,400	87,400	60.3	391.0	93,500	93,500	145
150	51.8	377.1	73,200	73,200	54.6	382.1	84,600	84,600	58.6	388.0	91,700	91,700	150
155	49.9	372.9	70,700	70,700	52.8	378.3	81,900	81,900	56.8	384.7	89,900	89,900	155
160	47.9	368.4	68,100	68,100	50.9	374.2	79,100	79,100	55.0	381.2	88,000	88,000	160
165	45.9	363.6	65,600	65,600	49.0	369.9	76,400	76,400	53.2	377.5	86,000	86,000	165
170	43.8	358.5	63,300	63,300	47.0	365.3	73,800	73,800	51.4	373.5	84,200	84,200	170
175	41.7	352.9	61,000	61,000	44.9	360.3	71,200	71,200	49.5	369.3	82,200	82,200	175
180	39.4	346.9	58,900	58,900	42.8	354.9	68,700	68,700	47.5	364.7	80,300	80,300	180
185	37.0	340.3	56,900	56,900	40.6	349.2	66,400	66,400	45.4	359.8	78,300	78,300	185
190	34.4	333.1	55,000	55,000	38.2	342.9	64,000	64,000	43.3	354.5	76,300	76,300	190
195	31.7	325.2	53,200	53,200	35.8	336.0	61,900	61,900	41.1	348.9	74,300	74,300	195
200	28.7	316.3	51,600	51,600	33.1	328.5	59,800	59,800	38.8	342.7	72,200	72,200	200
205	25.5	306.2	50,200	50,200	30.3	320.2	57,900	57,900	36.4	336.1	70,200	70,200	205
210	21.7	294.3	48,900	48,900	27.2	310.7	56,100	56,100	33.8	328.7	67,900	67,900	210
215	17.1	279.4	48,000	48,000	23.7	299.8	54,600	54,600	31.0	320.6	65,200	65,200	215
220	10.7	257.9	47,700	47,700	19.6	286.7	53,200	53,200	28.0	311.5	62,500	62,500	220
225					14.4	269.4	52,200	52,200	24.6	301.0	60,000	60,000	225
230					4.8	236.9	47,500	47,500	20.7	288.5	57,500	57,500	230
235									15.9	272.6	55,100	55,100	235
240									8.5	247.7	52,700	52,700	240
245													245
250													250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-3

ASME B30.5



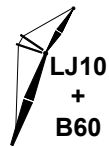
474,100 lb



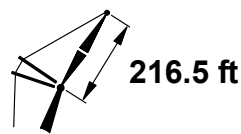
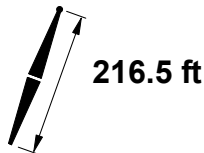
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.1	391.5	87,100	87,100									155
160	61.4	388.8	88,000	88,000									160
165	59.8	385.9	88,800	88,800									165
170	58.0	382.7	89,500	89,500									170
175	56.3	379.4	89,600	89,600									175
180	54.5	375.9	88,200	88,200									180
185	52.7	372.1	86,600	86,600									185
190	50.8	368.0	85,000	85,000	57.4	375.6	79,000	81,700					190
195	48.9	363.7	83,300	83,300	55.6	372.2	76,300	83,100					195
200	46.9	359.0	80,600	81,500	53.8	368.5	73,700	84,300					200
205	44.8	354.0	78,100	79,700	52.0	364.7	71,200	84,900					205
210	42.7	348.6	75,600	77,800	50.1	360.5	68,900	83,800					210
215	40.5	342.8	73,300	75,900	48.1	356.0	66,600	82,500					215
220	38.1	336.5	71,100	74,000	46.1	351.2	64,500	81,100	52.9	359.2	57,700	75,600	220
225	35.7	329.7	69,000	71,100	44.0	346.1	62,400	79,300	51.0	355.2	55,800	77,500	225
230	33.0	322.1	66,900	68,300	41.9	340.6	60,500	77,200	49.1	350.9	54,000	79,200	230
235	30.2	313.7	65,000	65,600	39.6	334.6	58,600	75,100	47.1	346.2	52,300	78,000	235
240	27.1	304.2	62,900	62,900	37.2	328.1	56,800	73,000	45.1	341.3	50,600	75,900	240
245	23.5	293.3	60,300	60,300	34.7	321.0	55,100	70,900	43.0	336.0	49,000	73,800	245
250	19.4	280.0	57,800	57,800	32.0	313.1	53,400	68,100	40.7	330.2	47,500	71,900	250
260	3.8	227.6	53,000	53,000	25.8	294.4	50,200	62,800	36.0	317.2	44,600	68,200	260
270					17.6	268.1	47,200	57,800	30.5	301.4	41,900	64,800	270
280									24.0	281.3	39,400	60,700	280
290									14.8	251.6	36,900	56,000	290

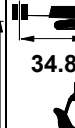
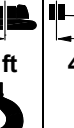
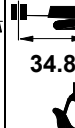
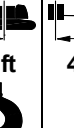
MLC300 VPC-MAX S-3

ASME B30.5



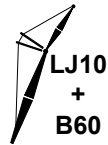
474,100 lb



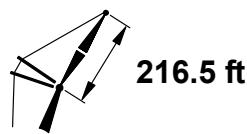
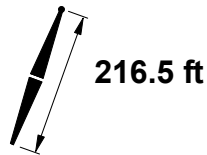
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90	73.6	431.1	81,400	81,400									90
95	72.2	429.5	81,300	81,300									95
100	70.8	427.7	81,100	81,100									100
105	69.4	425.8	80,800	80,800	71.5	427.8	80,500	80,500					105
110	67.9	423.8	80,500	80,500	70.1	425.9	80,500	80,500					110
115	66.5	421.6	80,100	80,100	68.7	424.0	80,500	80,500					115
120	65.0	419.3	79,700	79,700	67.2	421.9	80,300	80,300					120
125	63.6	416.8	79,300	79,300	65.8	419.6	80,200	80,200					125
130	62.1	414.1	77,500	77,500	64.3	417.2	79,900	79,900	67.6	420.6	78,300	78,300	130
135	60.5	411.3	75,300	75,300	62.8	414.7	79,700	79,700	66.2	418.4	78,500	78,500	135
140	59.0	408.3	73,100	73,100	61.3	411.9	79,400	79,400	64.7	416.1	78,700	78,700	140
145	57.4	405.1	70,800	70,800	59.8	409.0	79,100	79,100	63.2	413.5	78,700	78,700	145
150	55.8	401.7	68,700	68,700	58.2	405.9	77,800	77,800	61.7	410.8	78,800	78,800	150
155	54.2	398.1	66,400	66,400	56.7	402.6	75,900	75,900	60.2	408.0	78,800	78,800	155
160	52.5	394.3	64,300	64,300	55.0	399.2	73,900	73,900	58.6	404.9	78,700	78,700	160
165	50.8	390.3	62,200	62,200	53.4	395.4	71,800	71,800	57.1	401.7	77,600	77,600	165
170	49.1	386.0	60,000	60,000	51.7	391.5	69,600	69,600	55.5	398.3	75,800	75,800	170
175	47.3	381.4	58,100	58,100	50.0	387.3	67,500	67,500	53.8	394.6	73,900	73,900	175
180	45.4	376.5	56,100	56,100	48.2	382.9	65,300	65,300	52.1	390.7	72,000	72,000	180
185	43.5	371.2	54,200	54,200	46.4	378.1	63,200	63,200	50.4	386.6	70,100	70,100	185
190	41.5	365.6	52,500	52,500	44.5	373.1	61,200	61,200	48.7	382.2	68,100	68,100	190
195	39.5	359.6	50,700	50,700	42.6	367.7	59,200	59,200	46.9	377.6	66,200	66,200	195
200	37.3	353.1	49,100	49,100	40.5	361.9	57,300	57,300	45.0	372.6	64,200	64,200	200
205	35.0	346.1	47,600	47,600	38.4	355.7	55,500	55,500	43.1	367.3	62,300	62,300	205
210	32.6	338.4	46,100	46,100	36.2	348.9	53,700	53,700	41.1	361.6	60,300	60,300	210
215	30.0	330.0	44,800	44,800	33.9	341.6	52,000	52,000	39.0	355.5	58,400	58,400	215
220	27.2	320.5	43,600	43,600	31.3	333.5	50,400	50,400	36.8	348.9	56,400	56,400	220
225	24.0	309.7	42,600	42,600	28.6	324.6	48,900	48,900	34.5	341.7	54,500	54,500	225
230	20.4	296.9	41,600	41,600	25.7	314.5	47,000	47,000	32.0	333.9	52,500	52,500	230
235	16.0	281.0	41,000	41,000	22.3	302.9	45,300	45,300	29.4	325.2	50,700	50,700	235
240													240
245	9.6	257.6	40,400	40,400	18.4	288.8	43,600	43,600	26.5	315.4	48,800	48,800	245
250					13.3	270.3	42,000	42,000	23.2	304.3	46,900	46,900	250
260					2.9	231.4	39,100	39,100	19.4	290.9	45,200	45,200	260
270									7.3	246.3	41,900	41,900	270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-3

ASME B30.5



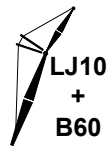
474,100 lb



75°					70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	62.8	408.5	73,300	73,300									165
170	61.3	405.7	73,900	73,900									170
175	59.7	402.8	74,400	74,400									175
180	58.2	399.7	74,900	74,900									180
185	56.6	396.4	75,300	75,300									185
190	55.0	392.9	75,700	75,700									190
195	53.3	389.2	74,100	74,100									195
200	51.6	385.3	72,500	72,500	57.6	392.6	68,000	68,000					200
205	49.9	381.1	70,800	70,800	56.0	389.2	69,000	69,000					205
210	48.1	376.6	69,000	69,000	54.4	385.6	66,900	69,900					210
215	46.3	371.9	67,200	67,200	52.7	381.8	64,700	70,700					215
220	44.4	366.8	65,300	65,300	51.0	377.8	62,600	71,000					220
225	42.5	361.4	63,500	63,500	49.2	373.5	60,600	69,700					225
230	40.5	355.6	61,600	61,600	47.5	369.0	58,700	68,300	53.5	376.3	52,000	62,300	230
235	38.3	349.3	59,700	59,700	45.6	364.1	56,800	66,700	51.8	372.4	50,300	63,700	235
240	36.1	342.6	57,800	57,800	43.7	358.9	55,000	65,100	50.1	368.3	48,700	65,000	240
245	33.8	335.2	55,800	55,800	41.7	353.3	53,300	63,500	48.4	363.8	47,100	66,200	245
250	31.2	327.1	53,800	53,800	39.7	347.4	51,700	61,700	46.5	359.1	45,600	66,100	250
260	25.5	308.0	50,000	50,000	35.2	333.9	48,600	58,100	42.7	348.7	42,800	63,700	260
270	18.2	282.1	46,400	46,400	30.2	317.9	45,700	54,400	38.6	336.8	40,100	60,900	270
280					24.3	297.9	43,000	50,700	34.0	322.8	37,700	57,700	280
290					16.4	269.8	40,400	47,100	28.9	305.9	35,300	54,200	290
300									22.6	284.5	33,100	50,700	300
310									13.8	252.6	31,000	47,400	310

MLC300 VPC-MAX S-3

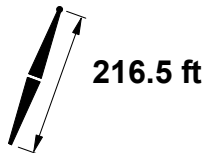
ASME B30.5



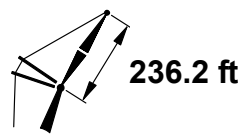
474,100 lb



360°



216.5 ft

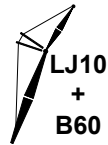


236.2 ft

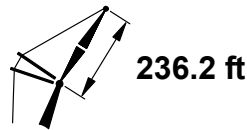
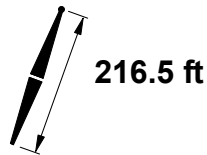
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	73.7	450.1	69,000	69,000									95
100	72.4	448.5	68,800	68,800									100
105	71.2	446.8	68,600	68,600									105
110	69.9	445.0	68,300	68,300	71.8	446.9	68,000	68,000					110
115	68.6	443.0	68,000	68,000	70.5	445.1	67,900	67,900					115
120	67.3	440.9	67,700	67,700	69.2	443.2	67,800	67,800					120
125	65.9	438.7	67,300	67,300	67.9	441.2	67,700	67,700					125
130	64.6	436.3	67,000	67,000	66.6	439.0	67,500	67,500					130
135	63.2	433.8	66,600	66,600	65.3	436.7	67,300	67,300	68.3	439.9	65,700	65,700	135
140	61.8	431.1	66,200	66,200	63.9	434.2	67,000	67,000	66.9	437.8	65,800	65,800	140
145	60.5	428.3	65,200	65,200	62.6	431.6	66,700	66,700	65.6	435.5	65,900	65,900	145
150	59.0	425.3	63,500	63,500	61.2	428.9	66,500	66,500	64.3	433.1	65,900	65,900	150
155	57.6	422.1	61,700	61,700	59.8	426.0	66,200	66,200	62.9	430.5	65,800	65,800	155
160	56.1	418.8	60,000	60,000	58.3	422.9	65,600	65,600	61.5	427.8	65,800	65,800	160
165	54.7	415.2	58,200	58,200	56.9	419.6	64,100	64,100	60.1	424.9	65,700	65,700	165
170	53.1	411.5	56,500	56,500	55.4	416.2	62,500	62,500	58.7	421.9	65,600	65,600	170
175	51.6	407.5	54,800	54,800	53.9	412.6	60,800	60,800	57.3	418.7	65,400	65,400	175
180	50.0	403.4	53,100	53,100	52.4	408.7	59,200	59,200	55.8	415.3	64,000	64,000	180
185	48.4	398.9	51,500	51,500	50.8	404.7	57,500	57,500	54.3	411.7	62,400	62,400	185
190	46.7	394.3	49,900	49,900	49.2	400.4	55,800	55,800	52.8	407.9	60,800	60,800	190
195	45.0	389.3	48,400	48,400	47.6	395.8	54,000	54,000	51.2	403.9	59,200	59,200	195
200	43.3	384.0	46,900	46,900	45.9	391.0	52,300	52,300	49.6	399.7	57,500	57,500	200
205	41.4	378.4	45,400	45,400	44.2	385.9	50,500	50,500	48.0	395.2	55,800	55,800	205
210	39.5	372.4	44,000	44,000	42.4	380.4	48,800	48,800	46.3	390.5	54,100	54,100	210
215	37.6	366.0	42,700	42,700	40.5	374.6	47,100	47,100	44.6	385.4	52,300	52,300	215
220	35.5	359.0	41,500	41,500	38.6	368.4	45,300	45,300	42.8	380.1	50,600	50,600	220
225	33.3	351.5	40,000	40,000	36.6	361.8	43,500	43,500	41.0	374.4	48,800	48,800	225
230	31.0	343.4	38,400	38,400	34.4	354.6	41,700	41,700	39.1	368.3	46,900	46,900	230
235	28.5	334.4	36,700	36,700	32.2	346.8	40,000	40,000	37.1	361.7	45,100	45,100	235
240	25.8	324.3	35,100	35,100	29.8	338.2	38,300	38,300	35.0	354.7	43,300	43,300	240
245	22.7	312.9	33,600	33,600	27.2	328.8	36,700	36,700	32.8	347.0	41,500	41,500	245
250	19.2	299.3	32,100	32,100	24.3	318.1	35,100	35,100	30.4	338.7	39,800	39,800	250
260	8.6	256.9	29,300	29,300	17.3	290.8	32,000	32,000	25.1	319.1	36,400	36,400	260
270									18.3	293.1	33,200	33,200	270
280									6.2	244.4	30,400	30,400	280
290													290
300													300
310													310
320													320
330													330

MLC300 VPC-MAX S-3

ASME B30.5



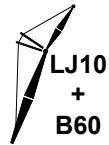
474,100 lb



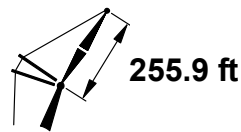
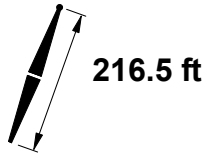
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	63.9	428.1	60,900	60,900									170
175	62.5	425.4	61,300	61,300									175
180	61.1	422.7	61,600	61,600									180
185	59.7	419.8	61,900	61,900									185
190	58.3	416.7	62,200	62,200									190
195	56.8	413.4	62,400	62,400									195
200	55.4	410.0	62,600	62,600									200
205	53.9	406.3	62,500	62,500									205
210	52.3	402.5	61,100	61,100	57.7	409.6	56,500	56,500					210
215	50.8	398.4	59,700	59,700	56.3	406.2	57,200	57,200					215
220	49.2	394.1	58,100	58,100	54.8	402.7	57,800	57,800					220
225	47.5	389.6	56,500	56,500	53.3	399.0	58,300	58,300					225
230	45.8	384.7	54,900	54,900	51.7	395.1	57,200	58,800					230
235	44.1	379.6	53,200	53,200	50.2	390.9	55,300	58,500					235
240	42.3	374.1	51,500	51,500	48.5	386.5	53,600	57,200					240
245	40.5	368.3	49,700	49,700	46.9	381.8	51,900	55,900	52.5	389.6	45,600	52,300	245
250	38.5	362.1	47,900	47,900	45.2	376.9	50,200	54,500	51.0	385.6	44,100	53,200	250
260	34.4	348.2	44,300	44,300	41.6	366.1	47,200	51,400	47.7	376.8	41,300	54,900	260
270	29.7	331.8	40,700	40,700	37.8	353.7	44,300	48,100	44.3	366.9	38,700	52,900	270
280	24.2	311.5	37,300	37,300	33.5	339.4	41,700	44,500	40.7	355.7	36,200	50,400	280
290	17.1	284.0	34,000	34,000	28.7	322.4	39,200	41,100	36.7	342.9	34,000	47,500	290
300					23.0	301.1	36,800	37,700	32.4	328.0	31,800	44,200	300
310					15.4	271.3	34,500	34,500	27.4	310.1	29,800	40,900	310
320									21.4	287.4	27,900	37,700	320
330									12.8	253.3	26,000	34,600	330

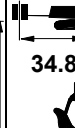
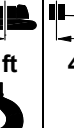
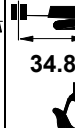
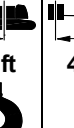
MLC300 VPC-MAX S-3

ASME B30.5



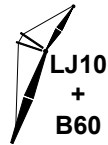
474,100 lb



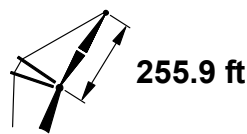
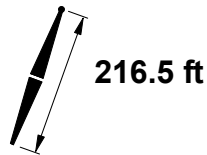
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.8	469.2	58,800	58,800									100
105	72.7	467.6	58,600	58,600									105
110	71.5	465.9	58,300	58,300									110
115	70.3	464.1	58,000	58,000									115
120	69.1	462.2	57,800	57,800	70.9	464.2	57,600	57,600					120
125	67.9	460.2	57,400	57,400	69.7	462.4	57,400	57,400					125
130	66.7	458.0	57,100	57,100	68.5	460.4	57,200	57,200					130
135	65.4	455.7	56,700	56,700	67.3	458.3	57,000	57,000					135
140	64.2	453.3	56,400	56,400	66.1	456.1	56,800	56,800	68.8	459.1	55,400	55,400	140
145	62.9	450.8	56,000	56,000	64.8	453.7	56,500	56,500	67.6	457.0	55,400	55,400	145
150	61.7	448.1	55,600	55,600	63.6	451.2	56,300	56,300	66.4	454.9	55,400	55,400	150
155	60.4	445.2	55,300	55,300	62.3	448.6	56,000	56,000	65.1	452.5	55,300	55,300	155
160	59.1	442.2	54,900	54,900	61.0	445.8	55,700	55,700	63.9	450.1	55,200	55,200	160
165	57.7	439.1	53,600	53,600	59.7	442.9	55,400	55,400	62.6	447.5	55,100	55,100	165
170	56.4	435.8	52,200	52,200	58.4	439.9	55,100	55,100	61.4	444.8	55,000	55,000	170
175	55.0	432.3	50,800	50,800	57.1	436.6	54,800	54,800	60.1	441.9	54,800	54,800	175
180	53.7	428.6	49,400	49,400	55.7	433.2	54,500	54,500	58.8	438.9	54,600	54,600	180
185	52.2	424.7	48,000	48,000	54.4	429.6	53,200	53,200	57.4	435.7	54,500	54,500	185
190	50.8	420.7	46,700	46,700	53.0	425.9	51,700	51,700	56.1	432.3	54,400	54,400	190
195	49.3	416.4	45,400	45,400	51.5	421.9	50,200	50,200	54.7	428.8	54,100	54,100	195
200	47.8	411.9	44,100	44,100	50.1	417.8	48,500	48,500	53.3	425.1	53,200	53,200	200
205	46.3	407.1	42,800	42,800	48.6	413.4	47,000	47,000	51.9	421.2	51,700	51,700	205
210	44.7	402.1	41,600	41,600	47.1	408.7	45,300	45,300	50.5	417.0	50,100	50,100	210
215	43.0	396.8	40,100	40,100	45.5	403.8	43,600	43,600	49.0	412.7	48,600	48,600	215
220	41.4	391.1	38,400	38,400	43.9	398.7	41,900	41,900	47.5	408.1	46,900	46,900	220
225	39.6	385.1	36,700	36,700	42.2	393.2	40,300	40,300	45.9	403.3	45,300	45,300	225
230	37.8	378.8	35,100	35,100	40.5	387.4	38,600	38,600	44.3	398.2	43,600	43,600	230
235	35.9	371.9	33,400	33,400	38.7	381.2	36,800	36,800	42.7	392.8	41,800	41,800	235
240	33.9	364.6	31,800	31,800	36.9	374.6	35,100	35,100	41.0	387.1	40,100	40,100	240
245	31.8	356.7	30,200	30,200	34.9	367.6	33,400	33,400	39.2	381.0	38,300	38,300	245
250	29.6	348.0	28,600	28,600	32.9	359.9	31,700	31,700	37.4	374.6	36,600	36,600	250
260	24.5	327.9	25,500	25,500	28.4	342.6	28,400	28,400	33.4	360.1	33,100	33,100	260
270	18.2	301.5	22,500	22,500	23.2	321.3	25,300	25,300	29.0	343.2	29,700	29,700	270
280	7.7	255.8	19,900	19,900	16.3	292.5	22,300	22,300	23.9	322.6	26,400	26,400	280
290									17.3	295.1	23,300	23,300	290
300									5.1	241.6	20,700	20,700	300
310													310
320													320
330													330
340													340
350													350

MLC300 VPC-MAX S-3

ASME B30.5



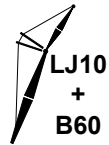
474,100 lb



ft	75°				70°				65°				ft
	ft	ft	lb	lb	ft	ft	lb	lb	ft	ft	lb	lb	
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	63.5	445.0	51,100	51,100									180
185	62.3	442.4	51,300	51,300									185
190	61.0	439.6	51,500	51,500									190
195	59.7	436.7	51,600	51,600									195
200	58.4	433.6	51,700	51,700									200
205	57.0	430.4	51,800	51,800									205
210	55.7	427.0	51,900	51,900									210
215	54.3	423.4	51,900	51,900									215
220	52.9	419.6	52,000	52,000	57.9	426.5	47,000	47,000					220
225	51.5	415.7	52,000	52,000	56.5	423.2	47,400	47,400					225
230	50.0	411.5	50,500	50,500	55.2	419.8	47,800	47,800					230
235	48.5	407.1	49,100	49,100	53.8	416.1	48,100	48,100					235
240	47.0	402.5	47,500	47,500	52.4	412.3	48,400	48,400					240
245	45.4	397.6	46,000	46,000	50.9	408.2	48,700	48,700					245
250	43.8	392.4	44,300	44,300	49.5	404.0	48,400	49,000					250
260	40.4	381.1	40,900	40,900	46.4	394.7	45,400	47,000	51.7	402.8	39,300	43,700	260
270	36.8	368.3	37,400	37,400	43.2	384.4	42,600	44,000	48.7	394.3	36,800	44,800	270
280	32.8	353.5	33,900	33,900	39.8	372.9	40,000	40,900	45.6	384.8	34,400	45,100	280
290	28.3	336.2	30,400	30,400	36.1	359.7	37,500	37,500	42.4	374.2	32,100	42,800	290
300	23.0	314.8	27,000	27,000	32.0	344.6	34,000	34,000	38.9	362.3	30,000	40,000	300
310	16.2	285.7	23,900	23,900	27.4	326.6	30,600	30,600	35.1	348.7	28,100	36,900	310
320					21.9	304.1	27,300	27,300	30.9	332.9	26,200	33,700	320
330					14.5	272.5	24,200	24,200	26.1	314.0	24,400	30,400	330
340									20.3	290.0	22,800	27,100	340
350									11.9	253.8	21,100	24,200	350

MLC300 VPC-MAX S-3

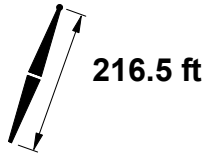
ASME B30.5



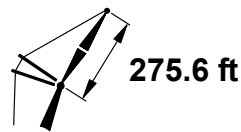
474,100 lb



360°



216.5 ft

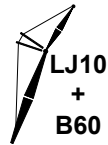


275.6 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.9	488.2	50,100	50,100									105
110	72.9	486.7	49,800	49,800									110
115	71.8	485.0	49,500	49,500									115
120	70.7	483.3	49,200	49,200									120
125	69.5	481.4	48,900	48,900	71.2	483.3	48,800	48,800					125
130	68.4	479.4	48,600	48,600	70.1	481.5	48,600	48,600					130
135	67.3	477.3	48,400	48,400	69.0	479.6	48,400	48,400					135
140	66.2	475.1	47,900	47,900	67.9	477.6	48,100	48,100					140
145	65.0	472.8	47,500	47,500	66.7	475.4	47,800	47,800					145
150	63.9	470.3	47,100	47,100	65.6	473.1	47,500	47,500	68.2	476.3	46,700	46,700	150
155	62.7	467.8	46,800	46,800	64.5	470.7	47,200	47,200	67.0	474.2	46,600	46,600	155
160	61.5	465.0	46,400	46,400	63.3	468.2	46,900	46,900	65.9	471.9	46,400	46,400	160
165	60.3	462.2	46,000	46,000	62.1	465.6	46,600	46,600	64.8	469.6	46,300	46,300	165
170	59.1	459.2	45,700	45,700	60.9	462.8	46,300	46,300	63.6	467.1	46,100	46,100	170
175	57.9	456.1	45,300	45,300	59.7	459.9	46,000	46,000	62.4	464.5	45,900	45,900	175
180	56.6	452.8	45,000	45,000	58.5	456.8	45,700	45,700	61.2	461.7	45,700	45,700	180
185	55.4	449.3	44,200	44,200	57.3	453.6	45,400	45,400	60.0	458.8	45,500	45,500	185
190	54.1	445.7	43,100	43,100	56.0	450.2	45,000	45,000	58.8	455.8	45,200	45,200	190
195	52.8	441.9	42,000	42,000	54.7	446.7	44,700	44,700	57.6	452.6	45,000	45,000	195
200	51.5	437.9	40,900	40,900	53.5	443.0	44,400	44,400	56.3	449.3	44,800	44,800	200
205	50.1	433.8	39,900	39,900	52.1	439.1	44,100	44,100	55.1	445.8	44,500	44,500	205
210	48.7	429.4	38,800	38,800	50.8	435.1	43,800	43,800	53.8	442.2	44,300	44,300	210
215	47.3	424.8	37,800	37,800	49.4	430.8	43,600	43,600	52.5	438.4	44,100	44,100	215
220	45.9	420.0	36,800	36,800	48.0	426.3	42,500	42,500	51.1	434.3	43,800	43,800	220
225	44.4	414.9	35,700	35,700	46.6	421.6	41,500	41,500	49.8	430.1	43,600	43,600	225
230	42.9	409.5	34,800	34,800	45.1	416.7	40,400	40,400	48.4	425.7	43,400	43,400	230
235	41.3	403.9	33,900	33,900	43.6	411.5	39,400	39,400	47.0	421.0	43,200	43,200	235
240	39.7	397.9	33,000	33,000	42.1	406.0	38,400	38,400	45.5	416.2	43,000	43,000	240
245	38.0	391.6	32,100	32,100	40.5	400.1	37,400	37,400	44.0	411.0	42,800	42,800	245
250	36.2	384.8	31,300	31,300	38.9	394.0	36,400	36,400	42.5	405.6	42,600	42,600	250
260	32.5	369.8	29,800	29,800	35.4	380.5	34,700	34,700	39.3	393.8	42,300	42,300	260
270	28.3	352.4	28,400	28,400	31.5	365.0	33,000	33,000	35.8	380.5	39,100	39,100	270
280	23.4	331.2	27,300	27,300	27.2	346.8	31,500	31,500	32.0	365.3	35,700	35,700	280
290	17.3	303.4	26,200	26,200	22.1	324.4	28,600	28,600	27.8	347.5	32,500	32,500	290
300	6.8	254.2	22,700	22,700	15.4	293.9	25,800	25,800	22.8	325.8	29,400	29,400	300
310									16.4	296.8	26,600	26,600	310
320									4.0	237.7	23,800	23,800	320
330													330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-3

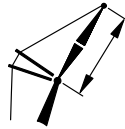
ASME B30.5



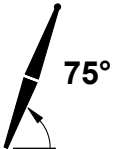
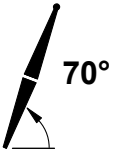
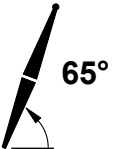
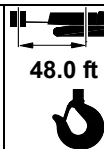
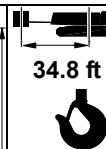
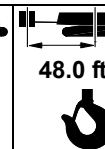
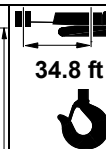
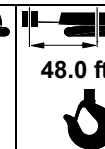
474,100 lb



216.5 ft

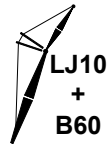


275.6 ft

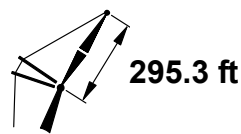
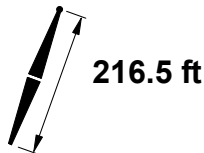
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180															180
185															185
190	63.2	462.0	42,700	42,700											190
195	62.1	459.4	42,800	42,800											195
200	60.9	456.6	42,900	42,900											200
205	59.7	453.7	42,900	42,900											205
210	58.5	450.6	42,900	42,900											210
215	57.2	447.4	42,800	42,800											215
220	56.0	444.0	42,800	42,800											220
225	54.7	440.5	42,700	42,700											225
230	53.4	436.8	42,600	42,600	58.0	443.5	39,000	39,000							230
235	52.1	432.9	42,600	42,600	56.7	440.2	39,200	39,200							235
240	50.7	428.8	42,500	42,500	55.5	436.8	39,400	39,400							240
245	49.4	424.5	42,400	42,400	54.2	433.2	39,600	39,600							245
250	48.0	420.1	42,300	42,300	52.9	429.4	39,800	39,800							250
260	45.1	410.4	42,100	42,100	50.2	421.3	40,000	40,000							260
270	42.0	399.6	41,900	41,900	47.4	412.4	40,200	40,200	52.2	420.0	35,300	35,900			270
280	38.8	387.7	41,800	41,800	44.5	402.5	38,600	40,300	49.5	411.7	32,900	36,600			280
290	35.3	374.1	39,400	39,400	41.4	391.6	36,200	40,400	46.7	402.6	30,700	37,200			290
300	31.4	358.6	36,000	36,000	38.1	379.3	33,900	40,500	43.8	392.5	28,600	37,800			300
310	27.1	340.3	32,700	32,700	34.6	365.4	31,800	39,300	40.6	381.2	26,700	38,300			310
320	22.0	317.8	29,600	29,600	30.7	349.4	29,800	35,900	37.3	368.6	24,900	38,700			320
330	15.3	287.1	26,700	26,700	26.2	330.5	27,900	32,700	33.6	354.2	23,100	38,700			330
340					20.9	306.9	26,100	29,600	29.6	337.6	21,500	35,400			340
350					13.6	273.5	24,300	26,700	25.0	317.7	20,000	32,300			350
360										19.3	292.4	18,500	29,400		360
370										11.1	254.0	17,000	26,500		370

MLC300 VPC-MAX S-3

ASME B30.5



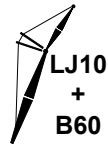
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.0	505.8	42,200	42,200									115
120	72.0	504.1	41,900	41,900									120
125	71.0	502.4	41,600	41,600									125
130	69.9	500.6	41,300	41,300	71.5	502.4	41,200	41,200					130
135	68.9	498.6	41,000	41,000	70.5	500.6	41,000	41,000					135
140	67.9	496.6	40,600	40,600	69.4	498.8	40,700	40,700					140
145	66.8	494.4	40,300	40,300	68.4	496.8	40,500	40,500					145
150	65.7	492.2	39,900	39,900	67.3	494.7	40,200	40,200					150
155	64.7	489.8	39,600	39,600	66.3	492.5	39,900	39,900	68.7	495.5	39,200	39,200	155
160	63.6	487.3	39,200	39,200	65.2	490.2	39,600	39,600	67.6	493.4	39,100	39,100	160
165	62.5	484.7	38,900	38,900	64.1	487.8	39,300	39,300	66.5	491.3	38,900	38,900	165
170	61.4	482.0	38,500	38,500	63.0	485.2	39,000	39,000	65.5	489.0	38,700	38,700	170
175	60.3	479.1	38,200	38,200	61.9	482.5	38,700	38,700	64.4	486.6	38,500	38,500	175
180	59.1	476.2	37,800	37,800	60.8	479.8	38,300	38,300	63.3	484.1	38,300	38,300	180
185	58.0	473.0	37,500	37,500	59.7	476.8	38,000	38,000	62.2	481.4	38,000	38,000	185
190	56.8	469.8	37,100	37,100	58.6	473.8	37,700	37,700	61.1	478.7	37,800	37,800	190
195	55.6	466.4	36,800	36,800	57.4	470.6	37,400	37,400	60.0	475.8	37,600	37,600	195
200	54.5	462.8	36,500	36,500	56.3	467.3	37,100	37,100	58.9	472.8	37,300	37,300	200
205	53.2	459.1	36,200	36,200	55.1	463.8	36,800	36,800	57.7	469.6	37,100	37,100	205
210	52.0	455.2	35,600	35,600	53.9	460.1	36,500	36,500	56.6	466.3	36,800	36,800	210
215	50.8	451.1	34,800	34,800	52.6	456.3	36,200	36,200	55.4	462.9	36,600	36,600	215
220	49.5	446.8	33,900	33,900	51.4	452.3	35,900	35,900	54.2	459.3	36,300	36,300	220
225	48.2	442.4	33,100	33,100	50.1	448.2	35,600	35,600	53.0	455.5	36,100	36,100	225
230	46.9	437.7	32,300	32,300	48.9	443.8	35,400	35,400	51.7	451.6	35,800	35,800	230
235	45.5	432.8	31,400	31,400	47.5	439.3	35,100	35,100	50.5	447.5	35,600	35,600	235
240	44.1	427.7	30,600	30,600	46.2	434.5	34,900	34,900	49.2	443.2	35,400	35,400	240
245	42.7	422.3	29,900	29,900	44.8	429.5	34,600	34,600	47.9	438.6	35,100	35,100	245
250	41.2	416.6	29,100	29,100	43.4	424.2	33,800	33,800	46.6	433.9	34,900	34,900	250
260	38.1	404.3	27,700	27,700	40.5	412.9	32,200	32,200	43.8	423.8	34,500	34,500	260
270	34.8	390.5	26,400	26,400	37.4	400.3	30,700	30,700	40.9	412.6	34,100	34,100	270
280	31.2	374.8	25,200	25,200	34.0	386.0	29,400	29,400	37.8	400.2	33,800	33,800	280
290	27.2	356.5	24,200	24,200	30.3	369.8	28,000	28,000	34.4	386.2	33,000	33,000	290
300	22.5	334.4	22,200	22,200	26.1	350.7	25,600	25,600	30.8	370.2	30,500	30,500	300
310	16.5	305.2	19,400	19,400	21.2	327.2	22,600	22,600	26.7	351.5	27,700	27,700	310
320	6.0	252.1	16,700	16,700	14.6	295.2	19,600	19,600	21.8	328.8	24,500	24,500	320
330									15.6	298.3	21,200	21,200	330
340									2.4	231.2	18,500	18,500	340
350													350
360													360
370													370
380													380
390													390

MLC300 VPC-MAX S-3

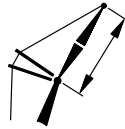
ASME B30.5



474,100 lb



216.5 ft

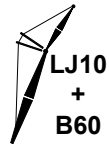


295.3 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200	63.0	479.0	35,500	35,500									200
205	61.9	476.4	35,500	35,500									205
210	60.8	473.6	35,500	35,500									210
215	59.7	470.6	35,400	35,400									215
220	58.5	467.6	35,300	35,300									220
225	57.4	464.4	35,200	35,200									225
230	56.2	461.0	35,200	35,200									230
235	55.0	457.5	35,000	35,000									235
240	53.8	453.9	34,900	34,900	58.1	460.5	32,100	32,100					240
245	52.6	450.1	34,800	34,800	56.9	457.2	32,200	32,200					245
250	51.4	446.1	34,700	34,700	55.8	453.8	32,300	32,300					250
260	48.8	437.6	34,400	34,400	53.4	446.6	32,500	32,500					260
270	46.2	428.2	34,100	34,100	50.9	438.6	32,500	32,500					270
280	43.4	417.9	33,900	33,900	48.3	430.0	32,600	32,600	52.7	437.2	29,200	29,200	280
290	40.4	406.6	33,600	33,600	45.6	420.4	32,500	32,500	50.2	429.1	28,800	29,700	290
300	37.3	393.9	33,400	33,400	42.8	410.0	32,200	32,500	47.7	420.2	26,800	30,100	300
310	33.9	379.7	32,900	32,900	39.9	398.4	30,100	32,500	44.9	410.5	24,900	30,400	310
320	30.2	363.4	30,300	30,300	36.7	385.4	28,100	32,500	42.1	399.7	23,100	30,700	320
330	26.0	344.2	27,800	27,800	33.2	370.8	26,200	32,500	39.1	387.8	21,400	30,900	330
340	21.0	320.6	25,500	25,500	29.5	354.1	24,500	29,900	35.8	374.5	19,800	31,100	340
350	14.5	288.3	22,800	22,800	25.1	334.2	22,800	27,500	32.3	359.4	18,300	31,400	350
360					20.0	309.5	21,200	25,300	28.4	342.0	16,800	29,400	360
370					12.9	274.3	19,600	22,800	24.0	321.2	15,400	27,100	370
380									18.4	294.6	14,100	24,800	380
390									10.3	254.0	12,800	22,700	390

MLC300 VPC-MAX S-3

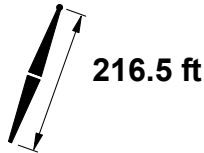
ASME B30.5



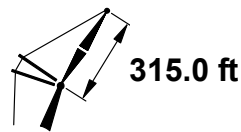
474,100 lb



360°



216.5 ft

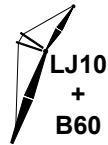


315.0 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
120	73.4	525.2	34,500	34,500									120
125	72.4	523.6	34,200	34,200									125
130	71.5	521.9	33,900	33,900									130
135	70.5	520.1	33,500	33,500	72.0	521.9	33,500	33,500					135
140	69.5	518.3	33,200	33,200	71.0	520.2	33,300	33,300					140
145	68.6	516.3	32,900	32,900	70.0	518.4	33,000	33,000					145
150	67.6	514.2	32,500	32,500	69.1	516.5	32,700	32,700					150
155	66.6	512.1	32,200	32,200	68.1	514.4	32,400	32,400					155
160	65.6	509.8	31,900	31,900	67.1	512.3	32,100	32,100					160
165	64.6	507.4	31,500	31,500	66.1	510.1	31,800	31,800	68.3	513.2	31,600	31,600	165
170	63.6	504.9	31,200	31,200	65.1	507.8	31,500	31,500	67.3	511.1	31,400	31,400	170
175	62.5	502.3	30,900	30,900	64.1	505.3	31,200	31,200	66.3	508.9	31,100	31,100	175
180	61.5	499.6	30,500	30,500	63.1	502.8	30,900	30,900	65.3	506.6	30,900	30,900	180
185	60.5	496.8	30,200	30,200	62.0	500.2	30,600	30,600	64.3	504.2	30,700	30,700	185
190	59.4	493.8	29,900	29,900	61.0	497.4	30,300	30,300	63.3	501.7	30,400	30,400	190
195	58.3	490.7	29,600	29,600	59.9	494.5	30,000	30,000	62.3	499.0	30,100	30,100	195
200	57.2	487.5	29,300	29,300	58.9	491.5	29,700	29,700	61.3	496.3	29,900	29,900	200
205	56.2	484.2	29,000	29,000	57.8	488.3	29,400	29,400	60.2	493.4	29,600	29,600	205
210	55.0	480.7	28,700	28,700	56.7	485.0	29,100	29,100	59.1	490.5	29,400	29,400	210
215	53.9	477.0	28,400	28,400	55.6	481.6	28,800	28,800	58.1	487.3	29,100	29,100	215
220	52.8	473.3	28,100	28,100	54.5	478.1	28,600	28,600	57.0	484.1	28,900	28,900	220
225	51.6	469.3	27,900	27,900	53.4	474.4	28,300	28,300	55.9	480.7	28,600	28,600	225
230	50.4	465.2	27,600	27,600	52.2	470.5	28,000	28,000	54.8	477.2	28,300	28,300	230
235	49.2	460.9	27,300	27,300	51.0	466.5	27,700	27,700	53.7	473.5	28,100	28,100	235
240	48.0	456.4	27,100	27,100	49.9	462.2	27,500	27,500	52.5	469.7	27,800	27,800	240
245	46.8	451.7	26,900	26,900	48.6	457.9	27,200	27,200	51.3	465.7	27,600	27,600	245
250	45.5	446.8	26,600	26,600	47.4	453.3	27,000	27,000	50.2	461.5	27,400	27,400	250
260	42.9	436.4	25,600	25,600	44.9	443.5	26,600	26,600	47.7	452.7	26,900	26,900	260
270	40.1	424.8	24,400	24,400	42.2	432.8	26,200	26,200	45.2	443.0	26,500	26,500	270
280	37.1	412.1	23,200	23,200	39.4	421.0	25,800	25,800	42.5	432.4	26,100	26,100	280
290	34.0	397.8	20,000	20,000	36.4	407.9	23,600	23,600	39.8	420.8	25,800	25,800	290
300	30.5	381.6	16,700	16,700	33.2	393.2	20,300	20,300	36.8	407.8	25,500	25,500	300
310	26.6	362.9	13,400	13,400	29.6	376.5	16,900	16,900	33.6	393.4	22,300	22,300	310
320	22.1	340.3	10,200	10,200	25.6	356.9	13,400	13,400	30.1	376.9	18,500	18,500	320
330					20.9	333.1	10,000	10,000	26.2	357.8	14,700	14,700	330
340									21.6	334.6	11,100	11,100	340
350													350
360													360
370													370
380													380
390													390
400													400

MLC300 VPC-MAX S-3

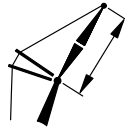
ASME B30.5



474,100 lb



216.5 ft

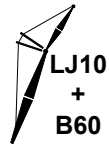


315.0 ft

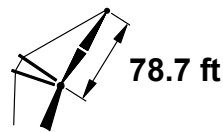
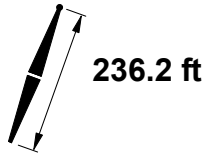
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210	63.0	496.6	28,400	28,400									210
215	62.0	494.0	28,200	28,200									215
220	61.0	491.2	28,100	28,100									220
225	59.9	488.3	28,000	28,000									225
230	58.8	485.3	27,900	27,900									230
235	57.8	482.1	27,700	27,700									235
240	56.7	478.8	27,600	27,600									240
245	55.6	475.4	27,400	27,400									245
250	54.5	471.8	27,200	27,200	58.4	478.2	25,500	25,500					250
260	52.2	464.2	26,900	26,900	56.3	471.6	25,500	25,500					260
270	49.8	456.0	26,600	26,600	54.0	464.5	25,500	25,500					270
280	47.4	447.0	26,300	26,300	51.7	456.8	25,400	25,400					280
290	44.8	437.2	25,900	25,900	49.3	448.4	25,300	25,300	53.5	455.2	23,000	23,000	290
300	42.1	426.5	25,600	25,600	46.9	439.3	25,100	25,100	51.1	447.4	23,200	23,200	300
310	39.3	414.7	25,400	25,400	44.3	429.3	25,000	25,000	48.7	438.8	23,400	23,400	310
320	36.3	401.5	25,100	25,100	41.6	418.4	24,800	24,800	46.3	429.5	21,700	23,500	320
330	33.1	386.8	23,900	23,900	38.8	406.4	24,700	24,700	43.7	419.3	20,000	23,600	330
340	29.5	370.0	19,900	19,900	35.7	393.0	23,200	24,500	40.9	408.1	18,400	23,700	340
350	25.5	350.4	15,800	15,800	32.4	377.9	21,600	24,500	38.0	395.7	16,900	23,700	350
360	20.8	326.5	12,000	12,000	28.8	360.6	20,000	20,500	34.9	381.9	15,500	23,700	360
370					24.7	340.4	16,300	16,300	31.6	366.4	14,200	23,800	370
380					19.8	315.3	12,300	12,300	27.8	348.5	12,900	20,300	380
390									23.6	327.2	11,600	16,300	390
400									18.4	300.4	10,400	12,300	400

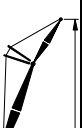
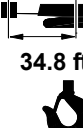
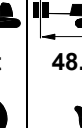
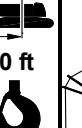
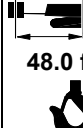
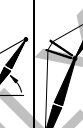
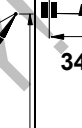
MLC300 VPC-MAX S-3

ASME B30.5



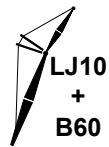
474,100 lb



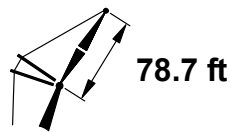
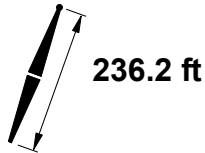
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
55	71.8	317.7	208,300 d	208,300 d									55
60	67.9	315.7	205,900 d	205,900 d									60
65	63.8	313.2	198,200 c	198,200 c	70.5	316.1	209,700 d	209,700 d					65
70	59.6	310.3	183,400 b	183,400 b	66.5	313.9	202,600 c	202,600 c					70
75	55.2	306.8	170,800 b	170,800 b	62.4	311.3	194,100 c	194,100 c					75
80	50.5	302.8	160,100	160,100	58.1	308.2	185,600 b	185,600 b	68.3	313.0	200,800 d	200,800 d	80
85	45.5	297.9	150,900	150,900	53.6	304.6	177,300 b	177,300 b	64.3	310.6	193,000 c	193,000 c	85
90	39.9	292.1	143,100	143,100	48.8	300.2	167,000	167,000	60.1	307.8	185,000 b	185,000 b	90
95	33.5	284.8	136,600	136,600	43.6	295.1	157,500	157,500	55.7	304.4	177,000 b	177,000 b	95
100	25.6	275.2	131,700	131,700	37.7	288.8	149,400	149,400	51.0	300.4	169,100	169,100	100
105	13.4	259.3	129,100	129,100	30.9	280.9	142,800	142,800	46.0	295.6	161,400	161,400	105
110					22.1	269.9	137,700	137,700	40.5	289.9	153,800	153,800	110
115									34.2	282.8	146,500	146,500	115
120									26.5	273.6	139,200	139,200	120
125									15.3	258.9	131,600	131,600	125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

MLC300 VPC-MAX S-3

ASME B30.5



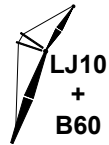
474,100 lb



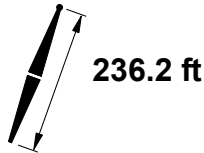
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.3	303.2	175,700 b	175,900 b									110
115	55.9	299.9	166,600 b	168,700 b									115
120	51.2	295.9	158,300	161,500									120
125	46.2	291.2	150,600	154,300									125
130	40.7	285.5	143,600	147,300									130
135	34.5	278.5	137,200	140,200	55.6	293.2	128,400 b	158,000 b					135
140	26.9	269.3	131,100	133,000	51.0	289.2	122,800	151,600					140
145	15.9	255.1	125,400	125,400	46.0	284.5	117,700	144,900					145
150					40.4	278.7	112,900	138,300					150
155					34.1	271.7	108,400	131,800	50.1	280.3	96,100	131,500	155
160					26.4	262.3	104,100	125,000	45.0	275.4	92,500	126,700	160
165					15.0	247.5	100,000	117,600	39.3	269.5	89,000	122,200	165
170									32.8	262.1	85,700	117,900	170
175									24.8	252.1	82,500	113,900	175
180									11.7	234.9	79,300	108,400	180
185													185

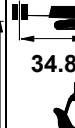
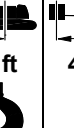
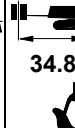
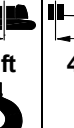
MLC300 VPC-MAX S-3

ASME B30.5



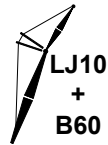
474,100 lb



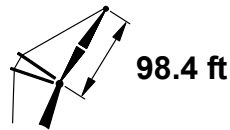
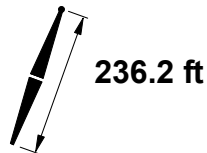
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60	72.5	336.8	179,700 d	179,700 d									60
65	69.4	334.9	178,200 c	178,200 c									65
70	66.2	332.7	175,900 b	175,900 b	71.4	335.3	180,700 c	180,700 c					70
75	63.0	330.2	168,300 b	168,300 b	68.3	333.3	179,800 c	179,800 c					75
80	59.6	327.3	157,300	157,300	65.1	330.9	175,000 b	175,000 b					80
85	56.1	323.9	147,700	147,700	61.8	328.3	168,400 b	168,400 b					85
90	52.4	320.1	139,400	139,400	58.4	325.2	161,700	161,700	66.6	330.1	174,100 b	174,100 b	90
95	48.6	315.7	132,200	132,200	54.8	321.7	155,300	155,300	63.3	327.6	168,000 b	168,000 b	95
100	44.4	310.7	125,900	125,900	51.1	317.7	147,200	147,200	60.0	324.7	161,700	161,700	100
105	40.0	304.9	120,300	120,300	47.2	313.1	139,500	139,500	56.5	321.4	155,500	155,500	105
110	35.0	297.9	115,700	115,700	42.9	307.8	132,800	132,800	52.8	317.6	149,400	149,400	110
115	29.3	289.4	111,800	111,800	38.3	301.6	127,000	127,000	49.0	313.3	143,300	143,300	115
120	22.1	278.2	109,100	109,100	33.1	294.2	122,000	122,000	44.9	308.4	137,500	137,500	120
125	10.7	259.2	108,300	108,300	27.0	285.0	118,000	118,000	40.5	302.6	131,800	131,800	125
130					19.0	272.2	115,200	115,200	35.6	295.9	126,200	126,200	130
135									29.9	287.6	120,800	120,800	135
140									23.0	276.8	115,400	115,400	140
145									12.5	259.4	109,400	109,400	145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
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200													200
205													205

MLC300 VPC-MAX S-3

ASME B30.5



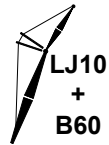
474,100 lb



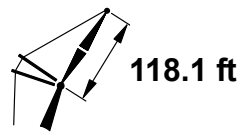
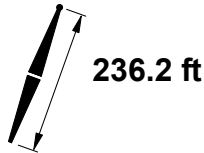
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	63.5	323.0	160,000 b	160,000 b									115
120	60.1	320.2	154,600	154,600									120
125	56.6	316.9	149,100	149,100									125
130	53.0	313.1	142,500	143,400									130
135	49.2	308.9	136,100	137,800									135
140	45.1	303.9	130,200	132,300									140
145	40.7	298.2	124,800	126,800	56.4	310.3	116,300	139,900					145
150	35.8	291.5	119,700	121,400	52.8	306.5	111,600	135,000					150
155	30.2	283.3	114,900	116,000	48.9	302.2	107,200	129,900					155
160	23.3	272.6	110,400	110,600	44.8	297.2	103,000	124,800					160
165	13.1	255.8	104,600	104,600	40.4	291.5	99,200	119,700					165
170					35.5	284.7	95,500	114,600	52.1	297.7	87,100	120,800	170
175					29.8	276.4	92,100	109,500	48.2	293.3	84,000	116,700	175
180					22.9	265.5	88,800	104,200	44.1	288.2	81,000	112,700	180
185					12.3	248.0	85,500	98,400	39.6	282.2	78,100	109,000	185
190									34.5	275.2	75,400	105,500	190
195									28.7	266.5	72,800	101,600	195
200									21.4	255.0	70,200	96,600	200
205									8.9	234.1	67,600	90,900	205

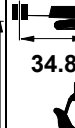
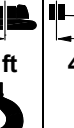
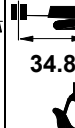
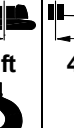
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



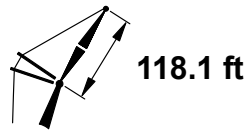
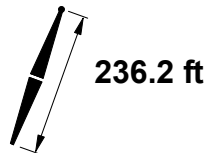
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.0	355.9	156,000 c	156,000 c									65
70	70.4	354.1	155,000 b	155,000 b									70
75	67.8	352.1	153,500 b	153,500 b									75
80	65.1	349.8	151,600	151,600	69.5	352.5	156,300 b	156,300 b					80
85	62.4	347.1	145,600	145,600	66.9	350.4	155,300 b	155,300 b					85
90	59.6	344.2	137,200	137,200	64.2	347.9	153,900	153,900					90
95	56.7	340.9	129,700	129,700	61.4	345.2	148,600	148,600	68.1	349.4	155,900 b	155,900 b	95
100	53.7	337.3	123,100	123,100	58.6	342.2	143,300	143,300	65.4	347.1	153,600	153,600	100
105	50.5	333.2	117,300	117,300	55.6	338.8	138,200	138,200	62.7	344.6	148,700	148,700	105
110	47.3	328.6	112,100	112,100	52.6	334.9	131,300	131,300	59.9	341.7	143,600	143,600	110
115	43.8	323.5	107,500	107,500	49.4	330.7	125,000	125,000	57.0	338.4	138,600	138,600	115
120	40.0	317.6	103,400	103,400	46.1	325.9	119,400	119,400	54.0	334.8	133,700	133,700	120
125	36.0	310.9	99,900	99,900	42.5	320.5	114,400	114,400	50.9	330.8	128,900	128,900	125
130	31.4	303.0	96,900	96,900	38.7	314.4	110,000	110,000	47.6	326.2	124,200	124,200	130
135	26.2	293.3	94,100	94,100	34.4	307.3	106,200	106,200	44.2	321.2	119,600	119,600	135
140	19.6	280.6	91,600	91,600	29.7	298.9	103,000	103,000	40.5	315.4	115,200	115,200	140
145	8.4	258.3	90,900	90,900	24.1	288.4	100,000	100,000	36.4	308.8	110,800	110,800	145
150					16.6	273.9	97,400	97,400	32.0	301.0	106,500	106,500	150
155									26.8	291.6	102,300	102,300	155
160									20.4	279.4	97,900	97,900	160
165									10.3	259.3	93,200	93,200	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
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225													225

MLC300 VPC-MAX S-3

ASME B30.5



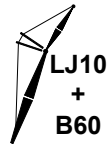
474,100 lb



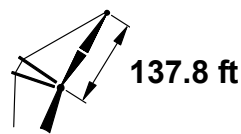
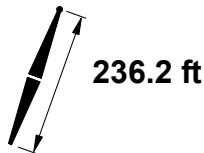
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.8	340.0	142,400	142,400									125
130	60.0	337.1	138,000	138,000									130
135	57.1	333.9	133,600	133,600									135
140	54.1	330.3	129,000	129,000									140
145	51.0	326.3	124,000	124,600									145
150	47.8	321.8	118,900	120,100									150
155	44.3	316.7	114,200	115,700	57.0	327.3	106,200	125,600					155
160	40.6	311.0	109,900	111,300	54.0	323.7	102,100	121,700					160
165	36.6	304.4	105,800	107,100	50.8	319.6	98,300	117,700					165
170	32.2	296.7	101,900	102,800	47.6	315.1	94,700	113,600					170
175	27.0	287.4	98,200	98,600	44.1	310.0	91,300	109,500					175
180	20.7	275.3	94,200	94,200	40.4	304.2	88,100	105,400	53.4	314.9	79,600	111,700	180
185	10.9	255.9	89,300	89,300	36.4	297.6	85,100	101,400	50.3	310.8	76,800	108,000	185
190					31.9	289.8	82,200	97,300	47.0	306.1	74,100	104,600	190
195					26.7	280.4	79,400	93,200	43.5	300.9	71,600	101,300	195
200					20.3	268.1	76,700	88,900	39.7	295.0	69,200	98,000	200
205					10.1	247.8	74,000	84,100	35.6	288.2	66,900	94,300	205
210									31.0	280.2	64,700	90,500	210
215									25.7	270.3	62,600	86,700	215
220									18.9	257.2	60,500	82,600	220
225									6.4	232.1	58,300	77,900	225

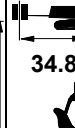
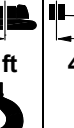
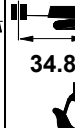
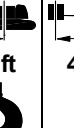
MLC300 VPC-MAX S-3

ASME B30.5



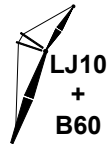
474,100 lb



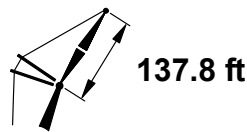
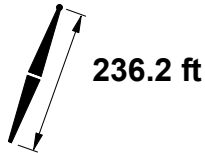
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	73.3	375.0	134,800 b	134,800 b									70
75	71.1	373.3	134,300 b	134,300 b									75
80	68.9	371.3	133,400	133,400									80
85	66.6	369.2	132,200	132,200	70.4	371.7	135,000	135,000					85
90	64.3	366.8	129,300	129,300	68.1	369.7	134,600	134,600					90
95	62.0	364.1	124,500	124,500	65.8	367.4	133,900	133,900					95
100	59.6	361.2	119,600	119,600	63.5	364.9	132,900	132,900					100
105	57.1	357.9	114,700	114,700	61.1	362.2	130,800	130,800	66.9	366.5	134,200	134,200	105
110	54.5	354.4	109,800	109,800	58.7	359.1	126,000	126,000	64.6	364.1	134,300	134,300	110
115	51.9	350.5	105,100	105,100	56.2	355.8	121,200	121,200	62.2	361.5	131,100	131,100	115
120	49.2	346.2	100,600	100,600	53.6	352.1	116,400	116,400	59.8	358.6	127,100	127,100	120
125	46.3	341.5	96,200	96,200	51.0	348.1	111,700	111,700	57.4	355.4	123,100	123,100	125
130	43.3	336.2	92,100	92,100	48.2	343.6	107,100	107,100	54.8	351.9	119,200	119,200	130
135	40.1	330.4	88,300	88,300	45.3	338.7	102,700	102,700	52.2	348.0	115,300	115,300	135
140	36.6	323.8	84,700	84,700	42.2	333.3	98,400	98,400	49.5	343.8	111,400	111,400	140
145	32.9	316.2	81,500	81,500	38.9	327.2	94,400	94,400	46.6	339.1	107,700	107,700	145
150	28.7	307.4	78,600	78,600	35.4	320.3	90,600	90,600	43.6	333.9	103,300	103,300	150
155	23.8	296.7	76,200	76,200	31.5	312.4	87,200	87,200	40.4	328.1	99,100	99,100	155
160	17.5	282.6	74,500	74,500	27.1	303.0	84,100	84,100	37.0	321.6	95,000	95,000	160
165	6.4	256.4	74,400	74,400	21.8	291.4	81,500	81,500	33.3	314.2	91,200	91,200	165
170					14.7	275.1	78,600	78,600	29.2	305.6	87,500	87,500	170
175									24.3	295.1	84,000	84,000	175
180									18.3	281.5	80,700	80,700	180
185									8.5	258.4	77,800	77,800	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
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245													245

MLC300 VPC-MAX S-3

ASME B30.5



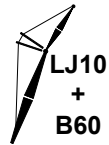
474,100 lb



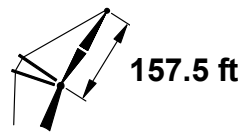
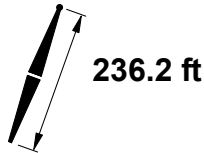
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.3	357.0	125,900	125,900									135
140	59.9	354.1	122,500	122,500									140
145	57.5	350.9	118,900	118,900									145
150	54.9	347.4	115,400	115,400									150
155	52.3	343.5	111,700	111,700									155
160	49.6	339.3	108,100	108,100									160
165	46.7	334.6	104,500	104,500	57.3	344.3	96,400	112,000					165
170	43.7	329.5	100,700	101,000	54.8	340.8	92,800	108,900					170
175	40.6	323.7	97,100	97,500	52.2	336.9	89,500	105,700					175
180	37.2	317.3	93,800	94,000	49.4	332.7	86,300	102,400					180
185	33.5	309.9	90,600	90,600	46.6	328.0	83,300	99,100					185
190	29.3	301.3	87,200	87,200	43.6	322.8	80,400	95,800					190
195	24.6	291.0	83,800	83,800	40.4	317.0	77,700	92,500	51.7	328.1	69,600	97,800	195
200	18.6	277.5	80,200	80,200	37.0	310.5	75,200	89,200	48.9	323.7	67,300	95,000	200
205	9.1	255.3	76,100	76,100	33.3	303.0	72,700	85,900	46.0	319.0	65,000	92,000	205
210					29.1	294.4	70,300	82,700	43.0	313.7	62,900	89,100	210
215					24.3	283.9	68,100	79,300	39.8	307.8	60,900	86,100	215
220					18.2	270.2	65,800	75,800	36.3	301.1	58,900	83,100	220
225					8.2	246.8	63,600	71,800	32.5	293.5	57,000	80,000	225
230									28.3	284.5	55,200	77,000	230
235									23.3	273.6	53,400	73,800	235
240									16.9	259.0	51,700	70,400	240
245									3.7	227.9	49,800	66,400	245

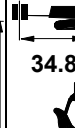
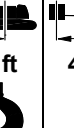
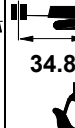
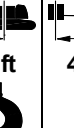
MLC300 VPC-MAX S-3

ASME B30.5



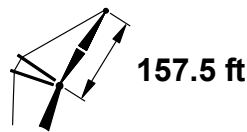
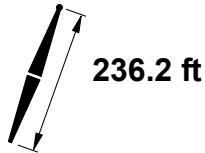
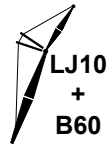
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	73.6	394.0	116,600	116,600									75
80	71.7	392.4	116,300	116,300									80
85	69.7	390.5	115,800	115,800									85
90	67.8	388.5	115,000	115,000	71.0	390.8	116,600	116,600					90
95	65.8	386.2	114,000	114,000	69.0	388.9	116,500	116,500					95
100	63.7	383.7	110,300	110,300	67.1	386.8	116,200	116,200					100
105	61.7	381.1	106,400	106,400	65.0	384.4	115,600	115,600					105
110	59.6	378.1	102,500	102,500	63.0	381.9	113,000	113,000	68.0	385.8	115,200	115,200	110
115	57.4	374.9	98,600	98,600	60.9	379.1	109,400	109,400	66.0	383.6	115,500	115,500	115
120	55.2	371.5	94,700	94,700	58.8	376.1	105,700	105,700	63.9	381.1	115,300	115,300	120
125	52.9	367.7	91,000	91,000	56.6	372.8	101,900	101,900	61.9	378.5	112,100	112,100	125
130	50.6	363.6	87,300	87,300	54.4	369.2	98,000	98,000	59.8	375.6	108,600	108,600	130
135	48.1	359.1	83,800	83,800	52.1	365.4	94,300	94,300	57.6	372.4	104,900	104,900	135
140	45.6	354.3	80,400	80,400	49.7	361.1	90,500	90,500	55.4	369.0	101,200	101,200	140
145	42.9	349.0	77,200	77,200	47.2	356.5	86,900	86,900	53.2	365.2	97,400	97,400	145
150	40.1	343.1	74,200	74,200	44.7	351.5	83,300	83,300	50.8	361.2	93,600	93,600	150
155	37.1	336.6	71,400	71,400	42.0	346.0	79,800	79,800	48.4	356.8	89,900	89,900	155
160	33.9	329.3	68,800	68,800	39.1	340.0	76,400	76,400	45.9	351.9	86,200	86,200	160
165	30.4	321.1	66,400	66,400	36.0	333.2	73,200	73,200	43.2	346.7	82,500	82,500	165
170	26.5	311.4	64,400	64,400	32.7	325.6	70,100	70,100	40.4	340.9	79,000	79,000	170
175	21.8	299.7	61,900	61,900	29.1	316.9	67,100	67,100	37.5	334.5	75,700	75,700	175
180	15.9	284.1	59,300	59,300	24.9	306.7	64,300	64,300	34.3	327.3	72,500	72,500	180
185	4.3	252.8	56,900	56,900	19.9	293.9	61,600	61,600	30.8	319.1	69,400	69,400	185
190					13.1	275.9	59,000	59,000	26.9	309.7	66,400	66,400	190
195									22.4	298.2	63,600	63,600	195
200									16.6	283.2	61,000	61,000	200
205									6.8	256.7	58,500	58,500	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-3

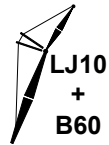
ASME B30.5



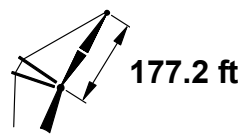
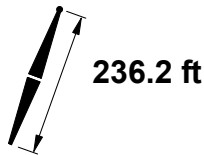
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.0	373.9	110,900	110,900									145
150	59.9	371.0	108,600	108,600									150
155	57.7	367.9	105,500	105,500									155
160	55.5	364.4	102,100	102,100									160
165	53.2	360.7	98,600	98,600									165
170	50.9	356.7	95,000	95,000									170
175	48.5	352.3	91,300	91,300	57.6	361.3	87,300	100,400					175
180	46.0	347.5	87,700	87,700	55.4	357.8	84,100	98,000					180
185	43.3	342.2	84,100	84,100	53.1	354.1	81,200	95,400					185
190	40.6	336.5	80,500	80,500	50.8	350.0	78,400	92,700					190
195	37.6	330.1	77,200	77,200	48.3	345.6	75,700	90,000					195
200	34.4	322.9	73,900	73,900	45.8	340.8	73,200	87,300					200
205	31.0	314.8	70,800	70,800	43.2	335.5	70,700	84,600	52.7	345.3	62,800	88,100	205
210	27.1	305.4	67,800	67,800	40.4	329.7	68,400	81,100	50.3	341.2	60,700	85,900	210
215	22.6	294.1	65,000	65,000	37.4	323.3	66,200	77,900	47.9	336.7	58,700	83,500	215
220	16.9	279.3	62,300	62,300	34.2	316.1	64,100	74,600	45.4	331.8	56,800	81,100	220
225	7.5	254.0	59,700	59,700	30.8	307.9	62,100	71,600	42.7	326.4	55,000	78,700	225
230					26.9	298.4	60,100	68,600	39.9	320.5	53,200	76,200	230
235					22.3	287.0	58,200	65,800	36.9	314.0	51,500	73,700	235
240					16.5	271.9	56,400	63,100	33.6	306.6	49,900	71,100	240
245					6.5	245.0	54,400	60,600	30.1	298.2	48,300	68,600	245
250									26.1	288.4	46,800	66,000	250
260									15.2	260.4	43,800	60,400	260

MLC300 VPC-MAX S-3

ASME B30.5



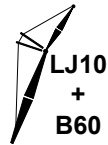
474,100 lb



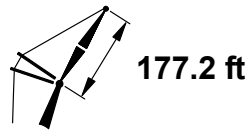
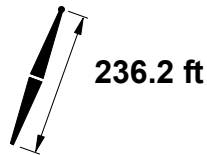
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	73.8	413.1	100,600	100,600									80
85	72.1	411.5	100,400	100,400									85
90	70.3	409.7	100,100	100,100									90
95	68.6	407.7	99,600	99,600	71.5	409.9	100,200	100,200					95
100	66.9	405.6	99,000	99,000	69.7	408.1	100,200	100,200					100
105	65.1	403.3	97,700	97,700	68.0	406.1	100,100	100,100					105
110	63.3	400.7	94,700	94,700	66.2	403.8	99,800	99,800					110
115	61.4	398.0	91,600	91,600	64.4	401.5	99,400	99,400	68.8	405.1	98,300	98,300	115
120	59.5	395.1	88,500	88,500	62.6	398.9	96,600	96,600	67.0	402.9	98,800	98,800	120
125	57.6	391.9	85,400	85,400	60.8	396.1	93,400	93,400	65.3	400.6	99,100	99,100	125
130	55.7	388.5	82,300	82,300	58.9	393.0	90,300	90,300	63.5	398.1	98,600	98,600	130
135	53.7	384.8	79,300	79,300	56.9	389.8	87,200	87,200	61.6	395.4	95,600	95,600	135
140	51.6	380.9	76,300	76,300	55.0	386.3	84,100	84,100	59.7	392.5	92,700	92,700	140
145	49.5	376.6	73,500	73,500	53.0	382.5	81,000	81,000	57.8	389.4	89,700	89,700	145
150	47.3	372.1	70,700	70,700	50.9	378.5	78,000	78,000	55.9	386.0	86,700	86,700	150
155	45.0	367.1	68,000	68,000	48.7	374.1	75,000	75,000	53.9	382.4	83,600	83,600	155
160	42.6	361.7	65,500	65,500	46.5	369.4	72,100	72,100	51.8	378.4	80,600	80,600	160
165	40.1	355.9	63,100	63,100	44.2	364.3	69,200	69,200	49.7	374.2	77,600	77,600	165
170	37.5	349.4	60,900	60,900	41.8	358.8	66,500	66,500	47.5	369.7	74,500	74,500	170
175	34.7	342.3	58,800	58,800	39.2	352.7	63,800	63,800	45.3	364.8	71,600	71,600	175
180	31.7	334.4	56,400	56,400	36.6	346.1	61,200	61,200	42.9	359.4	68,700	68,700	180
185	28.4	325.5	54,100	54,100	33.7	338.7	58,700	58,700	40.4	353.6	66,000	66,000	185
190	24.6	315.0	51,800	51,800	30.6	330.5	56,200	56,200	37.8	347.3	63,300	63,300	190
195	20.2	302.3	49,700	49,700	27.1	321.0	53,900	53,900	35.0	340.3	60,700	60,700	195
200	14.5	285.3	47,700	47,700	23.2	309.9	51,600	51,600	32.0	332.4	58,200	58,200	200
205					18.4	296.1	49,600	49,600	28.7	323.6	55,800	55,800	205
210					11.8	276.3	47,600	47,600	25.0	313.3	53,400	53,400	210
215									20.7	300.9	51,300	51,300	215
220									15.2	284.6	49,200	49,200	220
225									5.1	253.9	47,300	47,300	225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

ASME B30.5



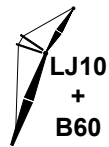
474,100 lb



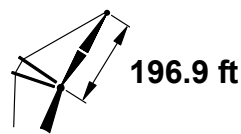
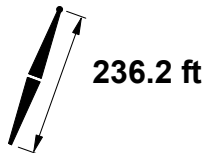
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.5	393.6	93,500	93,500									150
155	61.7	390.9	94,600	94,600									155
160	59.8	388.0	92,600	92,600									160
165	57.9	384.8	90,000	90,000									165
170	56.0	381.5	87,400	87,400									170
175	54.0	377.9	84,600	84,600									175
180	51.9	374.0	81,700	81,700									180
185	49.8	369.7	78,800	78,800	57.8	378.3	79,200	87,800					185
190	47.6	365.2	75,800	75,800	55.9	374.9	76,400	85,900					190
195	45.4	360.3	73,000	73,000	53.9	371.2	73,700	83,600					195
200	43.0	355.0	70,100	70,100	51.8	367.3	71,200	81,200					200
205	40.5	349.2	67,400	67,400	49.7	363.1	68,800	78,600					205
210	37.9	342.9	64,600	64,600	47.5	358.5	66,600	76,000					210
215	35.1	335.9	62,000	62,000	45.2	353.6	64,400	73,300	53.5	362.4	56,700	78,600	215
220	32.2	328.1	59,400	59,400	42.9	348.3	62,300	70,600	51.4	358.5	54,800	76,800	220
225	28.9	319.3	57,000	57,000	40.4	342.5	60,300	67,800	49.3	354.2	53,000	75,000	225
230	25.2	309.1	54,600	54,600	37.8	336.1	58,400	65,200	47.1	349.6	51,300	73,100	230
235	20.9	296.8	52,400	52,400	35.0	329.1	56,600	62,600	44.8	344.6	49,600	71,200	235
240	15.5	280.8	50,200	50,200	32.0	321.3	54,800	60,100	42.4	339.2	48,000	69,100	240
245	6.0	251.8	48,300	48,300	28.7	312.4	53,100	57,700	39.9	333.3	46,500	67,000	245
250					25.0	302.1	51,500	55,300	37.3	326.8	45,000	65,000	250
260					15.1	273.3	48,300	51,000	31.4	311.6	42,200	60,100	260
270									24.3	291.9	39,600	55,500	270
280									13.9	261.4	37,100	51,300	280

MLC300 VPC-MAX S-3

ASME B30.5



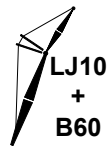
474,100 lb



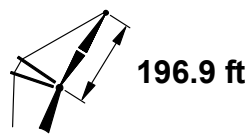
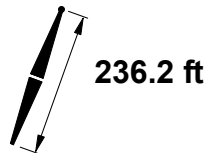
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85	73.9	432.2	87,400	87,400									85
90	72.4	430.6	87,300	87,300									90
95	70.9	428.8	87,000	87,000									95
100	69.3	426.9	86,300	86,300	71.9	429.0	86,800	86,800					100
105	67.7	424.9	85,800	85,800	70.3	427.2	86,600	86,600					105
110	66.1	422.7	85,600	85,600	68.7	425.3	86,800	86,800					110
115	64.5	420.3	84,200	84,200	67.2	423.2	86,300	86,300					115
120	62.9	417.7	81,800	81,800	65.6	420.9	86,100	86,100					120
125	61.2	415.0	79,200	79,200	63.9	418.5	85,700	85,700	67.9	422.2	84,800	84,800	125
130	59.5	412.0	76,700	76,700	62.3	415.8	85,400	85,400	66.3	420.0	85,100	85,100	130
135	57.8	408.9	74,200	74,200	60.6	413.0	84,400	84,400	64.7	417.7	85,300	85,300	135
140	56.1	405.5	71,800	71,800	58.9	410.0	82,100	82,100	63.1	415.1	85,400	85,400	140
145	54.3	401.9	69,300	69,300	57.2	406.8	79,600	79,600	61.4	412.4	85,400	85,400	145
150	52.4	398.1	66,900	66,900	55.4	403.4	77,200	77,200	59.7	409.5	85,400	85,400	150
155	50.6	394.0	64,600	64,600	53.6	399.7	74,700	74,700	58.0	406.3	85,200	85,200	155
160	48.6	389.6	62,300	62,300	51.8	395.8	72,300	72,300	56.3	403.0	85,100	85,100	160
165	46.6	384.9	60,100	60,100	49.9	391.6	70,000	70,000	54.5	399.5	84,300	84,300	165
170	44.6	379.9	58,000	58,000	47.9	387.1	67,600	67,600	52.6	395.6	82,100	82,100	170
175	42.4	374.5	56,000	56,000	45.9	382.3	65,300	65,300	50.8	391.6	80,000	80,000	175
180	40.2	368.6	54,100	54,100	43.8	377.1	63,100	63,100	48.8	387.2	77,600	77,600	180
185	37.8	362.2	52,300	52,300	41.6	371.5	61,000	61,000	46.8	382.6	75,300	75,300	185
190	35.3	355.3	50,600	50,600	39.4	365.5	58,900	58,900	44.8	377.6	73,000	73,000	190
195	32.7	347.6	49,000	49,000	37.0	358.9	57,000	57,000	42.6	372.2	70,700	70,700	195
200	29.8	339.1	47,600	47,600	34.4	351.8	55,100	55,100	40.4	366.4	68,400	68,400	200
205	26.6	329.5	46,300	46,300	31.7	343.8	53,400	53,400	38.1	360.1	66,200	66,200	205
210	23.0	318.2	45,200	45,200	28.7	334.9	51,800	51,800	35.6	353.2	64,100	64,100	210
215	18.8	304.6	44,300	44,300	25.4	324.8	50,300	50,300	33.0	345.6	62,200	62,200	215
220	13.3	286.2	43,800	43,800	21.7	312.9	49,100	49,100	30.1	337.2	60,200	60,200	220
225					17.1	298.0	48,200	48,200	27.0	327.7	58,400	58,400	225
230					10.6	276.3	47,700	47,700	23.5	316.7	56,800	56,800	230
235									19.3	303.3	55,400	55,400	235
240									14.0	285.7	53,600	53,600	240
245									3.1	248.8	50,100	50,100	245
250													250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-3

ASME B30.5



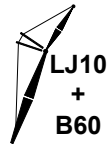
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.1	410.6	80,300	80,300									160
165	61.5	407.8	81,100	81,100									165
170	59.8	404.9	81,800	81,800									170
175	58.1	401.8	82,400	82,400									175
180	56.3	398.5	82,900	82,900									180
185	54.5	394.9	82,200	82,200									185
190	52.7	391.2	80,200	80,200									190
195	50.8	387.1	78,100	78,100	58.0	395.2	72,300	75,200					195
200	48.9	382.8	76,100	76,100	56.2	391.9	69,800	76,400					200
205	46.9	378.1	74,000	74,000	54.4	388.3	67,400	77,500					205
210	44.9	373.1	72,000	72,000	52.6	384.5	65,200	75,800					210
215	42.7	367.8	69,900	69,900	50.7	380.5	63,000	74,000					215
220	40.5	362.0	67,900	67,900	48.8	376.1	61,000	72,200					220
225	38.2	355.7	65,900	65,900	46.8	371.4	59,000	70,300					225
230	35.7	348.8	63,900	63,900	44.8	366.4	57,100	68,400	52.3	375.7	49,800	69,800	230
235	33.1	341.3	61,900	61,900	42.6	361.0	55,300	66,500	50.4	371.6	48,200	68,300	235
240	30.2	332.9	60,000	60,000	40.4	355.2	53,600	64,600	48.5	367.2	46,600	66,800	240
245	27.1	323.5	57,900	57,900	38.0	348.9	51,900	62,700	46.4	362.5	45,100	65,200	245
250	23.6	312.5	55,900	55,900	35.6	342.0	50,400	60,800	44.4	357.4	43,700	63,500	250
260	14.2	281.9	51,500	51,500	30.1	326.0	47,300	56,800	40.0	346.0	41,000	60,100	260
270					23.4	305.4	44,500	52,900	35.1	332.6	38,400	56,500	270
280					13.9	274.3	41,800	48,600	29.5	316.3	36,000	52,800	280
290									22.7	295.1	33,800	49,100	290
300									12.7	262.1	31,600	44,900	300

MLC300 VPC-MAX S-3

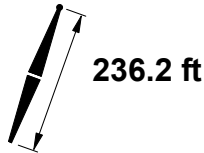
ASME B30.5



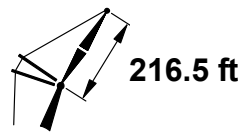
474,100 lb



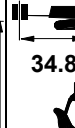
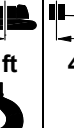
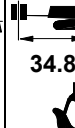
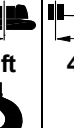
360°



236.2 ft

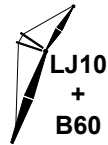


216.5 ft

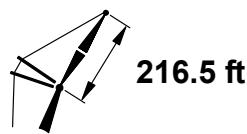
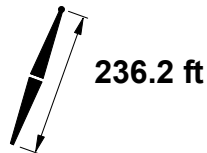
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	72.7	449.6	75,200	75,200									95
100	71.3	447.9	74,600	74,600									100
105	69.9	446.1	74,600	74,600									105
110	68.4	444.1	74,000	74,000	70.8	446.4	74,200	74,200					110
115	67.0	442.0	73,600	73,600	69.4	444.5	74,200	74,200					115
120	65.5	439.7	73,200	73,200	67.9	442.5	74,100	74,100					120
125	64.1	437.3	72,600	72,600	66.5	440.3	73,900	73,900					125
130	62.6	434.7	70,600	70,600	65.0	437.9	73,700	73,700	68.6	441.5	72,300	72,300	130
135	61.1	431.9	68,700	68,700	63.5	435.5	73,400	73,400	67.1	439.3	72,500	72,500	135
140	59.5	429.0	66,600	66,600	62.0	432.8	73,100	73,100	65.7	437.1	72,700	72,700	140
145	58.0	425.9	64,600	64,600	60.5	430.0	72,800	72,800	64.2	434.7	72,800	72,800	145
150	56.4	422.5	62,600	62,600	59.0	427.0	71,500	71,500	62.7	432.1	72,800	72,800	150
155	54.8	419.0	60,600	60,600	57.4	423.8	69,500	69,500	61.2	429.3	72,800	72,800	155
160	53.1	415.3	58,700	58,700	55.8	420.4	67,600	67,600	59.7	426.4	72,800	72,800	160
165	51.4	411.3	56,800	56,800	54.2	416.8	65,600	65,600	58.1	423.3	72,700	72,700	165
170	49.7	407.1	54,900	54,900	52.5	413.0	63,700	63,700	56.6	420.0	72,500	72,500	170
175	47.9	402.6	53,100	53,100	50.8	408.9	61,700	61,700	54.9	416.5	72,400	72,400	175
180	46.1	397.8	51,400	51,400	49.1	404.6	59,800	59,800	53.3	412.8	70,900	70,900	180
185	44.2	392.7	49,700	49,700	47.3	400.0	58,000	58,000	51.6	408.9	69,200	69,200	185
190	42.2	387.2	48,100	48,100	45.4	395.1	56,100	56,100	49.9	404.7	67,400	67,400	190
195	40.2	381.4	46,600	46,600	43.5	389.9	54,300	54,300	48.1	400.2	65,700	65,700	195
200	38.1	375.0	45,100	45,100	41.5	384.3	52,600	52,600	46.3	395.4	63,900	63,900	200
205	35.8	368.2	43,700	43,700	39.5	378.3	51,000	51,000	44.4	390.4	62,100	62,100	205
210	33.4	360.8	42,400	42,400	37.3	371.8	49,400	49,400	42.4	384.9	60,300	60,300	210
215	30.9	352.6	41,200	41,200	35.0	364.7	47,900	47,900	40.4	379.1	58,500	58,500	215
220	28.2	343.5	40,100	40,100	32.6	357.0	46,500	46,500	38.3	372.9	56,600	56,600	220
225	25.1	333.2	39,100	39,100	30.0	348.6	45,200	45,200	36.1	366.1	54,800	54,800	225
230	21.7	321.2	38,300	38,300	27.1	339.1	43,900	43,900	33.7	358.7	53,000	53,000	230
235	17.6	306.6	37,700	37,700	24.0	328.3	42,800	42,800	31.2	350.6	51,200	51,200	235
240	12.2	286.8	37,400	37,400	20.4	315.5	41,900	41,900	28.5	341.6	49,400	49,400	240
245					15.9	299.5	41,200	41,200	25.5	331.5	47,600	47,600	245
250					9.6	276.0	40,800	40,800	22.1	319.7	45,900	45,900	250
260									12.9	286.5	42,600	42,600	260
270													270
280													280
290													290
300													300
310													310
320													320

MLC300 VPC-MAX S-3

ASME B30.5



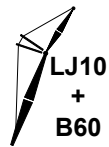
474,100 lb



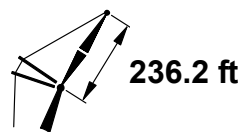
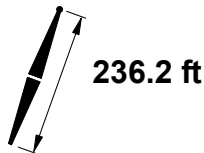
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	62.8	427.5	68,100	68,100									170
175	61.3	424.8	68,700	68,700									175
180	59.8	421.9	69,200	69,200									180
185	58.2	418.8	69,600	69,600									185
190	56.6	415.5	70,000	70,000									190
195	55.0	412.0	70,400	70,400									195
200	53.4	408.3	70,600	70,600									200
205	51.7	404.4	70,300	70,300	58.1	412.2	63,100	63,100					205
210	50.0	400.2	68,800	68,800	56.5	408.9	63,200	64,000					210
215	48.2	395.7	67,100	67,100	54.9	405.4	61,100	64,900					215
220	46.4	391.0	65,500	65,500	53.3	401.7	59,000	65,700					220
225	44.5	385.9	63,900	63,900	51.6	397.7	57,100	66,500					225
230	42.5	380.5	62,100	62,100	49.9	393.5	55,200	65,500					230
235	40.5	374.7	60,400	60,400	48.1	389.1	53,500	64,000					235
240	38.4	368.5	58,600	58,600	46.3	384.3	51,800	62,400	53.0	392.9	44,600	58,500	240
245	36.2	361.7	56,800	56,800	44.4	379.2	50,100	60,700	51.3	388.9	43,100	59,900	245
250	33.8	354.4	55,000	55,000	42.4	373.8	48,600	59,200	49.5	384.6	41,700	60,400	250
260	28.6	337.4	51,300	51,300	38.3	361.7	45,600	55,900	45.9	375.3	39,000	57,800	260
270	22.2	315.6	47,700	47,700	33.7	347.5	42,800	52,600	42.1	364.7	36,500	54,900	270
280	13.2	282.7	44,300	44,300	28.4	330.4	40,200	49,300	37.9	352.4	34,200	51,900	280
290					22.0	308.5	37,800	45,800	33.2	338.0	32,000	48,800	290
300					12.8	275.1	35,400	42,000	27.9	320.6	30,000	45,600	300
310									21.4	298.0	28,000	42,400	310
320									11.6	262.5	26,100	38,600	320

MLC300 VPC-MAX S-3

ASME B30.5



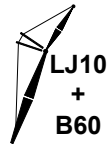
474,100 lb



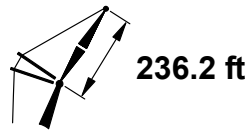
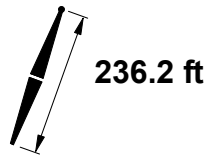
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	72.9	468.7	63,800	63,800									100
105	71.6	467.0	63,600	63,600									105
110	70.3	465.2	63,400	63,400									110
115	69.0	463.3	63,300	63,300	71.2	465.5	63,100	63,100					115
120	67.7	461.3	62,800	62,800	69.9	463.7	63,300	63,300					120
125	66.4	459.1	62,500	62,500	68.6	461.7	63,000	63,000					125
130	65.0	456.8	62,100	62,100	67.2	459.6	62,800	62,800					130
135	63.7	454.3	61,800	61,800	65.9	457.3	62,600	62,600					135
140	62.3	451.7	61,200	61,200	64.6	455.0	62,400	62,400	67.8	458.6	61,300	61,300	140
145	60.9	448.9	59,600	59,600	63.2	452.4	62,200	62,200	66.5	456.4	61,400	61,400	145
150	59.5	445.9	58,000	58,000	61.8	449.8	61,900	61,900	65.2	454.1	61,500	61,500	150
155	58.1	442.8	56,400	56,400	60.4	446.9	61,600	61,600	63.8	451.7	61,500	61,500	155
160	56.6	439.5	54,800	54,800	59.0	443.9	61,300	61,300	62.5	449.1	61,500	61,500	160
165	55.2	436.1	53,200	53,200	57.6	440.8	60,800	60,800	61.1	446.3	61,400	61,400	165
170	53.7	432.4	51,600	51,600	56.1	437.4	59,200	59,200	59.7	443.4	61,300	61,300	170
175	52.1	428.5	50,100	50,100	54.6	433.9	57,700	57,700	58.3	440.3	61,200	61,200	175
180	50.6	424.4	48,600	48,600	53.1	430.1	56,100	56,100	56.8	437.0	61,100	61,100	180
185	49.0	420.1	47,100	47,100	51.6	426.2	54,500	54,500	55.3	433.6	61,000	61,000	185
190	47.3	415.5	45,600	45,600	50.0	422.0	53,000	53,000	53.8	429.9	60,000	60,000	190
195	45.6	410.6	44,200	44,200	48.4	417.6	51,500	51,500	52.3	426.1	58,500	58,500	195
200	43.9	405.5	42,900	42,900	46.7	412.9	50,000	50,000	50.7	422.0	57,000	57,000	200
205	42.1	400.0	41,600	41,600	45.0	407.9	48,500	48,500	49.1	417.7	55,400	55,400	205
210	40.2	394.1	40,300	40,300	43.2	402.6	47,100	47,100	47.5	413.1	53,900	53,900	210
215	38.3	387.8	39,100	39,100	41.4	397.0	45,700	45,700	45.8	408.3	52,200	52,200	215
220	36.2	381.1	38,000	38,000	39.5	391.0	44,400	44,400	44.1	403.2	50,600	50,600	220
225	34.1	373.8	36,900	36,900	37.6	384.6	43,100	43,100	42.3	397.7	48,900	48,900	225
230	31.8	365.9	35,900	35,900	35.5	377.7	41,800	41,800	40.4	391.9	47,300	47,300	230
235	29.4	357.2	35,000	35,000	33.3	370.2	40,200	40,200	38.5	385.6	45,600	45,600	235
240	26.7	347.5	34,200	34,200	31.0	362.0	38,600	38,600	36.4	378.9	43,800	43,800	240
245	23.8	336.6	33,400	33,400	28.5	353.0	37,000	37,000	34.3	371.7	42,200	42,200	245
250	20.5	323.9	32,200	32,200	25.7	342.9	35,500	35,500	32.1	363.9	40,400	40,400	250
260	11.2	287.0	29,500	29,500	19.2	317.9	32,400	32,400	27.0	345.7	37,200	37,200	260
270					8.6	275.3	29,600	29,600	20.9	322.5	34,000	34,000	270
280									11.9	286.9	31,100	31,100	280
290													290
300													300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-3

ASME B30.5



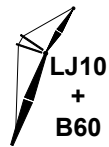
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.9	447.1	57,000	57,000									175
180	62.5	444.5	57,400	57,400									180
185	61.1	441.8	57,800	57,800									185
190	59.7	438.8	58,100	58,100									190
195	58.3	435.8	58,400	58,400									195
200	56.9	432.5	58,600	58,600									200
205	55.4	429.1	58,800	58,800									205
210	53.9	425.4	59,000	59,000									210
215	52.4	421.6	59,200	59,200	58.2	429.2	52,800	52,800					215
220	50.8	417.5	57,900	57,900	56.8	425.9	53,500	53,500					220
225	49.2	413.2	56,500	56,500	55.3	422.5	54,100	54,100					225
230	47.6	408.7	55,100	55,100	53.8	418.8	53,700	54,700					230
235	45.9	403.8	53,600	53,600	52.3	414.9	52,000	55,200					235
240	44.1	398.7	52,000	52,000	50.7	410.9	50,300	55,700					240
245	42.3	393.3	50,400	50,400	49.1	406.6	48,600	56,000					245
250	40.5	387.5	48,800	48,800	47.5	402.0	47,100	54,900	53.5	410.0	40,100	48,500	250
260	36.5	374.6	45,500	45,500	44.0	392.0	44,200	52,300	50.4	402.0	37,500	50,300	260
270	32.2	359.6	42,000	42,000	40.4	380.7	41,400	49,400	47.2	393.0	35,000	51,600	270
280	27.1	341.5	38,600	38,600	36.4	367.8	38,900	46,200	43.7	382.9	32,700	49,300	280
290	21.0	318.4	35,400	35,400	32.0	352.7	36,500	42,900	40.0	371.5	30,600	46,900	290
300	12.2	283.3	32,400	32,400	27.0	334.5	34,300	39,600	36.0	358.4	28,600	44,300	300
310					20.8	311.2	32,100	36,400	31.6	343.1	26,700	41,700	310
320					11.8	275.5	30,100	33,300	26.5	324.6	24,900	38,900	320
330									20.2	300.6	23,200	36,100	330
340									10.6	262.6	21,500	32,800	340

MLC300 VPC-MAX S-3

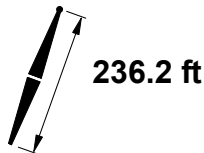
ASME B30.5



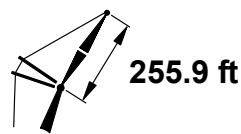
474,100 lb



360°



236.2 ft

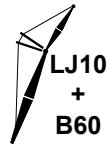


255.9 ft

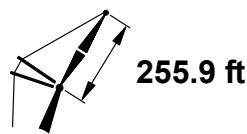
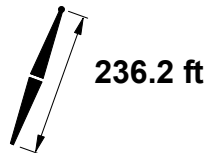
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.1	487.8	54,700	54,700									105
110	71.9	486.1	54,500	54,500									110
115	70.7	484.4	54,300	54,300									115
120	69.5	482.5	54,000	54,000	71.5	484.6	53,900	53,900					120
125	68.3	480.5	53,700	53,700	70.3	482.8	53,800	53,800					125
130	67.1	478.4	53,400	53,400	69.1	480.9	53,700	53,700					130
135	65.9	476.2	53,100	53,100	67.9	478.8	53,500	53,500					135
140	64.6	473.8	52,800	52,800	66.7	476.7	53,300	53,300					140
145	63.4	471.3	52,400	52,400	65.4	474.4	53,100	53,100	68.4	477.9	52,000	52,000	145
150	62.1	468.6	52,100	52,100	64.2	472.0	52,900	52,900	67.2	475.8	52,100	52,100	150
155	60.8	465.8	51,600	51,600	62.9	469.4	52,600	52,600	66.0	473.5	52,100	52,100	155
160	59.5	462.9	50,300	50,300	61.7	466.7	52,400	52,400	64.8	471.2	52,000	52,000	160
165	58.2	459.8	49,000	49,000	60.4	463.9	52,100	52,100	63.5	468.7	51,900	51,900	165
170	56.9	456.5	47,700	47,700	59.1	460.9	51,800	51,800	62.2	466.0	51,900	51,900	170
175	55.5	453.1	46,500	46,500	57.7	457.7	51,600	51,600	61.0	463.3	51,800	51,800	175
180	54.1	449.5	45,200	45,200	56.4	454.4	51,300	51,300	59.7	460.3	51,600	51,600	180
185	52.7	445.7	43,900	43,900	55.0	450.9	50,300	50,300	58.3	457.3	51,500	51,500	185
190	51.3	441.7	42,700	42,700	53.6	447.3	49,100	49,100	57.0	454.0	51,300	51,300	190
195	49.8	437.5	41,400	41,400	52.2	443.4	47,800	47,800	55.7	450.6	51,200	51,200	195
200	48.3	433.1	40,200	40,200	50.8	439.3	46,600	46,600	54.3	447.0	51,000	51,000	200
205	46.8	428.4	39,100	39,100	49.3	435.0	45,400	45,400	52.9	443.2	50,900	50,900	205
210	45.2	423.5	38,000	38,000	47.8	430.5	44,200	44,200	51.4	439.3	49,600	49,600	210
215	43.6	418.2	36,900	36,900	46.3	425.8	43,000	43,000	50.0	435.1	48,100	48,100	215
220	41.9	412.7	35,800	35,800	44.7	420.7	41,600	41,600	48.5	430.7	46,700	46,700	220
225	40.2	406.9	34,800	34,800	43.0	415.4	40,100	40,100	47.0	426.0	45,200	45,200	225
230	38.4	400.6	33,800	33,800	41.3	409.8	38,500	38,500	45.4	421.1	43,600	43,600	230
235	36.6	393.9	32,900	32,900	39.6	403.8	36,900	36,900	43.8	415.9	42,000	42,000	235
240	34.6	386.8	31,800	31,800	37.8	397.4	35,200	35,200	42.1	410.4	40,400	40,400	240
245	32.5	379.1	30,200	30,200	35.9	390.5	33,700	33,700	40.4	404.6	38,800	38,800	245
250	30.4	370.7	28,600	28,600	33.9	383.2	32,000	32,000	38.6	398.4	37,100	37,100	250
260	25.5	351.3	25,700	25,700	29.6	366.6	28,800	28,800	34.8	384.7	33,800	33,800	260
270	19.4	326.3	22,800	22,800	24.5	346.5	25,800	25,800	30.6	368.7	30,500	30,500	270
280	10.4	287.0	20,200	20,200	18.2	320.0	22,800	22,800	25.8	349.6	27,300	27,300	280
290					7.7	274.1	20,200	20,200	19.8	325.0	24,100	24,100	290
300									11.0	287.1	21,400	21,400	300
310													310
320													320
330													330
340													340
350													350
360													360

MLC300 VPC-MAX S-3

ASME B30.5



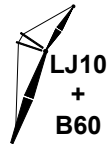
474,100 lb



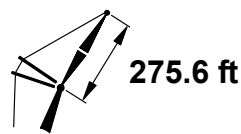
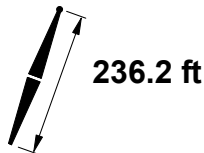
75°					70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185	63.6	464.1	48,100	48,100									185
190	62.3	461.5	48,400	48,400									190
195	61.0	458.7	48,600	48,600									195
200	59.7	455.8	48,800	48,800									200
205	58.4	452.7	48,900	48,900									205
210	57.1	449.5	49,000	49,000									210
215	55.7	446.1	49,100	49,100									215
220	54.3	442.5	49,200	49,200									220
225	52.9	438.7	49,300	49,300	58.3	446.1	44,100	44,100					225
230	51.5	434.8	49,300	49,300	57.0	442.9	44,600	44,600					230
235	50.0	430.6	49,000	49,000	55.6	439.5	45,000	45,000					235
240	48.6	426.2	47,700	47,700	54.3	435.9	45,400	45,400					240
245	47.0	421.6	46,300	46,300	52.9	432.1	45,800	45,800					245
250	45.5	416.7	44,900	44,900	51.4	428.1	45,200	46,100					250
260	42.2	406.0	41,700	41,700	48.5	419.5	42,300	46,700	51.2	419.3	33,100	41,500	260
270	38.7	394.0	38,500	38,500	45.4	410.0	39,600	44,900	48.2	410.6	30,800	42,700	270
280	34.9	380.3	35,100	35,100	42.1	399.3	37,100	42,100	45.1	401.0	28,700	43,400	280
290	30.7	364.4	31,800	31,800	38.6	387.3	34,800	39,100	41.8	390.2	26,700	41,400	290
300	25.9	345.3	28,500	28,500	34.8	373.5	32,600	35,900					300
310	20.0	320.9	25,300	25,300	30.6	357.6	30,500	32,600	38.3	378.0	24,900	38,800	310
320	11.3	283.6	22,400	22,400	25.7	338.4	28,600	29,300	34.4	364.1	23,100	35,900	320
330					19.8	313.7	26,100	26,100	30.2	347.9	21,500	32,800	330
340					11.0	275.7	23,200	23,200	25.2	328.3	19,900	29,600	340
350									19.1	303.0	18,400	26,500	350
360									9.8	262.3	16,900	23,700	360

MLC300 VPC-MAX S-3

ASME B30.5



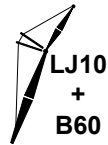
474,100 lb



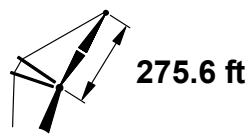
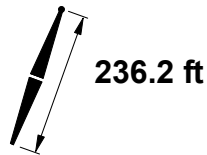
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110	73.2	506.8	46,800	46,800									110
115	72.1	505.2	46,600	46,600									115
120	71.0	503.5	46,400	46,400									120
125	69.9	501.7	46,100	46,100	71.8	503.7	46,000	46,000					125
130	68.8	499.7	45,800	45,800	70.6	501.9	45,900	45,900					130
135	67.7	497.7	45,500	45,500	69.5	500.1	45,700	45,700					135
140	66.6	495.5	45,200	45,200	68.4	498.1	45,500	45,500					140
145	65.4	493.2	44,900	44,900	67.3	496.0	45,300	45,300					145
150	64.3	490.8	44,600	44,600	66.2	493.8	45,000	45,000	68.9	497.1	44,100	44,100	150
155	63.1	488.3	44,200	44,200	65.0	491.4	44,800	44,800	67.8	495.0	44,100	44,100	155
160	61.9	485.6	43,900	43,900	63.9	489.0	44,500	44,500	66.7	492.9	44,000	44,000	160
165	60.7	482.8	43,600	43,600	62.7	486.4	44,300	44,300	65.5	490.6	43,900	43,900	165
170	59.5	479.9	43,300	43,300	61.5	483.7	44,000	44,000	64.4	488.2	43,800	43,800	170
175	58.3	476.8	42,600	42,600	60.3	480.8	43,700	43,700	63.2	485.7	43,700	43,700	175
180	57.1	473.5	41,500	41,500	59.1	477.8	43,500	43,500	62.0	483.0	43,500	43,500	180
185	55.8	470.1	40,400	40,400	57.9	474.7	43,200	43,200	60.9	480.2	43,400	43,400	185
190	54.5	466.6	39,400	39,400	56.6	471.4	42,900	42,900	59.6	477.3	43,200	43,200	190
195	53.2	462.8	38,400	38,400	55.4	468.0	42,600	42,600	58.4	474.2	43,000	43,000	195
200	51.9	458.9	37,400	37,400	54.1	464.4	42,400	42,400	57.2	471.0	42,800	42,800	200
205	50.6	454.8	36,400	36,400	52.8	460.6	42,000	42,000	55.9	467.6	42,600	42,600	205
210	49.2	450.5	35,400	35,400	51.4	456.6	41,000	41,000	54.7	464.1	42,400	42,400	210
215	47.8	446.0	34,500	34,500	50.1	452.4	39,900	39,900	53.4	460.4	42,200	42,200	215
220	46.4	441.3	33,600	33,600	48.7	448.0	38,900	38,900	52.1	456.5	42,000	42,000	220
225	44.9	436.3	32,600	32,600	47.3	443.4	38,000	38,000	50.7	452.4	41,900	41,900	225
230	43.4	431.0	31,800	31,800	45.8	438.6	37,000	37,000	49.3	448.1	41,700	41,700	230
235	41.8	425.5	30,900	30,900	44.4	433.5	36,100	36,100	47.9	443.6	41,500	41,500	235
240	40.2	419.6	30,100	30,100	42.8	428.2	35,100	35,100	46.5	438.9	41,300	41,300	240
245	38.6	413.4	29,200	29,200	41.3	422.5	34,300	34,300	45.1	433.9	41,100	41,100	245
250	36.8	406.8	28,500	28,500	39.7	416.5	33,300	33,300	43.5	428.7	41,000	41,000	250
260	33.2	392.2	27,100	27,100	36.2	403.4	31,700	31,700	40.4	417.4	39,200	39,200	260
270	29.1	375.2	25,900	25,900	32.5	388.5	30,200	30,200	37.0	404.6	37,400	37,400	270
280	24.3	354.8	24,900	24,900	28.3	371.0	28,800	28,800	33.4	390.1	35,700	35,700	280
290	18.5	328.5	24,100	24,100	23.4	349.8	27,700	27,700	29.3	373.3	33,400	33,400	290
300	9.5	286.7	23,900	23,900	17.3	322.0	26,400	26,400	24.6	353.2	30,400	30,400	300
310					6.8	272.5	23,800	23,800	18.9	327.3	27,500	27,500	310
320									10.2	287.1	24,800	24,800	320
330													330
340													340
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MLC300 VPC-MAX S-3

ASME B30.5



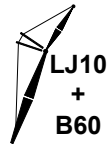
474,100 lb



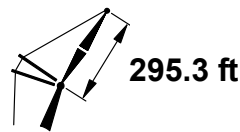
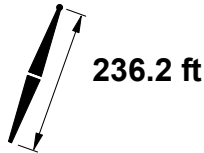
	75°				70°				65°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195	63.3	481.1	40,500	40,500									195
200	62.1	478.5	40,600	40,600									200
205	60.9	475.7	40,700	40,700									205
210	59.7	472.8	40,800	40,800									210
215	58.5	469.7	40,800	40,800									215
220	57.2	466.5	40,800	40,800									220
225	56.0	463.1	40,900	40,900									225
230	54.7	459.6	40,800	40,800									230
235	53.4	455.9	40,800	40,800	58.4	463.1	36,900	36,900					235
240	52.1	452.0	40,800	40,800	57.2	459.9	37,200	37,200					240
245	50.8	447.9	40,700	40,700	55.9	456.5	37,500	37,500					245
250	49.4	443.6	40,700	40,700	54.6	453.0	37,700	37,700					250
260	46.6	434.5	40,600	40,600	52.0	445.4	38,100	38,100					260
270	43.6	424.3	40,400	40,400	49.3	437.0	38,200	38,400					270
280	40.5	413.0	40,400	40,400	46.5	427.8	35,700	38,600	51.8	436.5	29,300	34,200	280
290	37.1	400.2	39,700	40,100	43.5	417.6	33,400	38,800	49.1	428.1	27,200	35,000	290
300	33.5	385.8	37,300	37,500	40.4	406.2	31,200	39,000	46.2	418.8	25,300	35,700	300
310	29.4	369.0	34,200	34,200	37.0	393.5	29,200	37,900	43.2	408.5	23,500	36,300	310
320	24.7	349.0	31,100	31,100	33.3	379.0	27,300	35,800	40.1	397.0	21,700	36,800	320
330	19.0	323.3	28,200	28,200	29.3	362.1	25,500	33,600	36.7	384.1	20,100	34,900	330
340	10.5	283.6	25,300	25,300	24.6	341.9	23,800	31,400	33.0	369.4	18,600	32,900	340
350					18.8	316.0	22,100	28,700	28.9	352.4	17,100	30,800	350
360					10.2	275.6	20,500	25,800	24.1	331.8	15,700	28,700	360
370									18.2	305.1	14,400	26,400	370
380									8.9	261.7	13,000	23,700	380

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



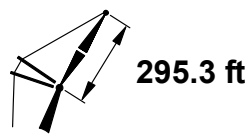
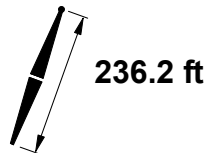
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.4	525.9	39,900	39,900									115
120	72.3	524.3	39,700	39,700									120
125	71.3	522.6	39,400	39,400									125
130	70.3	520.8	39,100	39,100	72.0	522.8	39,100	39,100					130
135	69.3	518.9	38,900	38,900	71.0	521.1	38,900	38,900					135
140	68.2	516.9	38,600	38,600	69.9	519.2	38,700	38,700					140
145	67.2	514.8	38,300	38,300	68.9	517.3	38,500	38,500					145
150	66.1	512.6	38,000	38,000	67.8	515.2	38,300	38,300					150
155	65.0	510.3	37,700	37,700	66.8	513.1	38,000	38,000					155
160	63.9	507.8	37,400	37,400	65.7	510.8	37,800	37,800	68.3	514.3	37,200	37,200	160
165	62.9	505.2	37,100	37,100	64.6	508.5	37,500	37,500	67.3	512.2	37,100	37,100	165
170	61.8	502.6	36,700	36,700	63.6	506.0	37,300	37,300	66.2	509.9	36,900	36,900	170
175	60.6	499.7	36,400	36,400	62.5	503.4	37,000	37,000	65.1	507.6	36,800	36,800	175
180	59.5	496.8	36,100	36,100	61.4	500.6	36,700	36,700	64.1	505.2	36,600	36,600	180
185	58.4	493.7	35,800	35,800	60.2	497.8	36,500	36,500	63.0	502.6	36,500	36,500	185
190	57.2	490.5	35,500	35,500	59.1	494.8	36,200	36,200	61.9	500.0	36,300	36,300	190
195	56.1	487.2	35,000	35,000	58.0	491.7	35,900	35,900	60.8	497.2	36,100	36,100	195
200	54.9	483.6	34,200	34,200	56.8	488.4	35,600	35,600	59.6	494.2	35,900	35,900	200
205	53.7	480.0	33,400	33,400	55.6	485.0	35,400	35,400	58.5	491.2	35,700	35,700	205
210	52.4	476.1	32,500	32,500	54.4	481.4	35,100	35,100	57.3	488.0	35,500	35,500	210
215	51.2	472.1	31,700	31,700	53.2	477.7	34,900	34,900	56.2	484.6	35,300	35,300	215
220	49.9	467.9	30,900	30,900	52.0	473.8	34,600	34,600	55.0	481.1	35,100	35,100	220
225	48.6	463.5	30,100	30,100	50.8	469.7	34,400	34,400	53.8	477.5	34,900	34,900	225
230	47.3	458.9	29,300	29,300	49.5	465.5	34,000	34,000	52.6	473.7	34,700	34,700	230
235	46.0	454.1	28,600	28,600	48.2	461.0	33,200	33,200	51.3	469.7	34,400	34,400	235
240	44.6	449.1	27,900	27,900	46.9	456.3	32,500	32,500	50.1	465.5	34,200	34,200	240
245	43.2	443.8	27,100	27,100	45.5	451.5	31,700	31,700	48.8	461.1	34,000	34,000	245
250	41.7	438.2	26,500	26,500	44.1	446.3	30,900	30,900	47.5	456.6	33,900	33,900	250
260	38.7	426.2	25,200	25,200	41.2	435.3	29,500	29,500	44.7	446.8	33,500	33,500	260
270	35.4	412.6	24,000	24,000	38.1	423.0	28,000	28,000	41.9	435.9	33,200	33,200	270
280	31.9	397.3	22,800	22,800	34.8	409.2	26,800	26,800	38.9	424.0	32,900	32,900	280
290	27.9	379.5	21,900	21,900	31.2	393.4	25,600	25,600	35.6	410.5	31,700	31,700	290
300	23.3	358.1	21,200	21,200	27.2	375.1	24,500	24,500	32.1	395.3	30,300	30,300	300
310	17.6	330.6	19,300	19,300	22.4	352.9	22,600	22,600	28.1	377.7	27,600	27,600	310
320	8.8	286.1	16,700	16,700	16.4	323.7	19,700	19,700	23.6	356.5	24,700	24,700	320
330					5.9	270.4	17,200	17,200	18.0	329.4	21,800	21,800	330
340									9.5	286.7	18,900	18,900	340
350													350
360													360
370													370
380													380
390													390
400													400

MLC300 VPC-MAX S-3

ASME B30.5



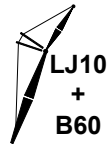
474,100 lb



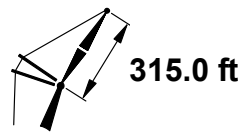
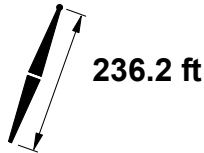
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205	63.0	498.1	33,800	33,800									205
210	61.9	495.4	33,900	33,900									210
215	60.8	492.6	33,900	33,900									215
220	59.7	489.7	33,900	33,900									220
225	58.5	486.7	33,800	33,800									225
230	57.4	483.5	33,800	33,800									230
235	56.2	480.1	33,700	33,700									235
240	55.0	476.6	33,700	33,700									240
245	53.8	473.0	33,600	33,600	58.5	480.1	30,500	30,500					245
250	52.6	469.2	33,500	33,500	57.3	476.9	30,700	30,700					250
260	50.1	461.0	33,300	33,300	55.0	470.0	31,000	31,000					260
270	47.5	452.1	33,100	33,100	52.6	462.5	31,200	31,200					270
280	44.8	442.3	32,900	32,900	50.1	454.4	31,300	31,300	52.3	453.7	25,300	27,900	280
290	42.0	431.5	32,700	32,700	47.4	445.4	31,400	31,400	49.8	445.5	23,400	28,400	290
300	38.9	419.6	32,600	32,600	44.7	435.6	29,400	31,500	47.2	436.5	21,600	28,900	300
310	35.7	406.2	32,400	32,400	41.9	424.8	27,400	31,500	44.5	426.6	19,900	29,300	310
320	32.2	391.0	31,400	31,600	38.8	412.8	25,600	31,600	41.6	415.7	18,300	29,700	320
330	28.2	373.4	29,100	29,100	35.6	399.4	23,800	31,600	38.6	403.5	16,800	30,000	330
340	23.7	352.4	26,700	26,700	32.1	384.1	22,100	30,600	35.3	390.0	15,400	29,600	340
350	18.1	325.4	23,900	23,900	28.1	366.5	20,500	28,600	31.7	374.5	14,000	27,900	350
360	9.7	283.4	20,900	20,900	23.6	345.3	19,000	26,600	27.7	356.6	12,700	26,000	360
370					18.0	318.1	17,500	24,400	23.1	335.0	11,500	24,100	370
380					9.4	275.2	16,000	21,900	17.4	307.1	10,300	22,000	380
390									8.2	260.9		19,500	390
400													400

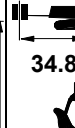
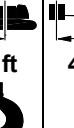
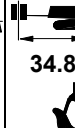
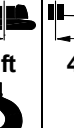
MLC300 VPC-MAX S-3

ASME B30.5



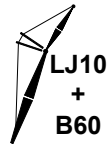
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
120	73.7	545.3	32,800	32,800									120
125	72.8	543.8	32,600	32,600									125
130	71.8	542.1	32,300	32,300									130
135	70.8	540.4	32,000	32,000									135
140	69.9	538.5	31,800	31,800	71.5	540.6	31,800	31,800					140
145	68.9	536.6	31,500	31,500	70.5	538.8	31,600	31,600					145
150	67.9	534.6	31,200	31,200	69.5	536.9	31,400	31,400					150
155	66.9	532.4	30,900	30,900	68.5	535.0	31,200	31,200					155
160	65.9	530.2	30,600	30,600	67.6	532.9	30,900	30,900					160
165	64.9	527.9	30,300	30,300	66.6	530.7	30,700	30,700	69.0	533.9	30,300	30,300	165
170	63.9	525.4	30,000	30,000	65.6	528.4	30,400	30,400	68.0	531.9	30,100	30,100	170
175	62.9	522.8	29,800	29,800	64.6	526.1	30,100	30,100	67.0	529.8	29,900	29,900	175
180	61.9	520.2	29,500	29,500	63.6	523.6	29,900	29,900	66.0	527.6	29,900	29,900	180
185	60.8	517.4	29,200	29,200	62.5	521.0	29,600	29,600	65.0	525.2	29,600	29,600	185
190	59.8	514.5	28,900	28,900	61.5	518.3	29,300	29,300	64.0	522.8	29,400	29,400	190
195	58.7	511.4	28,600	28,600	60.4	515.4	29,100	29,100	63.0	520.2	29,200	29,200	195
200	57.6	508.3	28,300	28,300	59.4	512.5	28,800	28,800	62.0	517.6	29,000	29,000	200
205	56.5	505.0	28,100	28,100	58.3	509.4	28,600	28,600	60.9	514.8	28,800	28,800	205
210	55.4	501.5	27,800	27,800	57.2	506.2	28,300	28,300	59.9	511.9	28,600	28,600	210
215	54.3	497.9	27,500	27,500	56.1	502.8	28,100	28,100	58.8	508.9	28,400	28,400	215
220	53.2	494.2	27,300	27,300	55.0	499.3	27,800	27,800	57.7	505.7	28,100	28,100	220
225	52.0	490.3	27,000	27,000	53.9	495.7	27,600	27,600	56.6	502.4	27,900	27,900	225
230	50.8	486.2	26,800	26,800	52.8	491.9	27,300	27,300	55.5	499.0	27,700	27,700	230
235	49.7	482.0	26,200	26,200	51.6	487.9	27,100	27,100	54.4	495.4	27,500	27,500	235
240	48.4	477.6	25,600	25,600	50.4	483.8	26,900	26,900	53.3	491.7	27,300	27,300	240
245	47.2	473.0	25,000	25,000	49.2	479.5	26,600	26,600	52.1	487.8	27,100	27,100	245
250	45.9	468.1	24,400	24,400	48.0	475.0	26,400	26,400	51.0	483.8	26,900	26,900	250
260	43.3	457.8	23,300	23,300	45.5	465.5	26,000	26,000	48.6	475.2	26,400	26,400	260
270	40.6	446.5	22,200	22,200	42.9	455.0	25,600	25,600	46.1	465.8	26,100	26,100	270
280	37.7	434.0	21,100	21,100	40.1	443.5	24,700	24,700	43.5	455.5	25,700	25,700	280
290	34.5	420.0	19,600	19,600	37.1	430.7	23,100	23,100	40.7	444.3	25,400	25,400	290
300	31.1	404.2	16,600	16,600	34.0	416.4	20,200	20,200	37.8	431.8	25,100	25,100	300
310	27.3	385.9	13,500	13,500	30.5	400.2	17,000	17,000	34.7	417.9	22,400	22,400	310
320	23.0	364.1	10,500	10,500	26.6	381.5	13,700	13,700	31.3	402.2	19,000	19,000	320
330					22.1	358.9	10,600	10,600	27.6	384.1	15,600	15,600	330
340									23.2	362.5	12,100	12,100	340
350													350
360													360
370													370
380													380
390													390
400													400
410													410

MLC300 VPC-MAX S-3

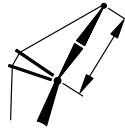
ASME B30.5



474,100 lb



236.2 ft

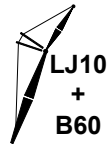


315.0 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215	63.0	515.7	27,200	27,200									215
220	62.0	513.0	27,100	27,100									220
225	61.0	510.3	27,000	27,000									225
230	59.9	507.4	27,000	27,000									230
235	58.9	504.3	26,900	26,900									235
240	57.8	501.2	26,800	26,800									240
245	56.7	497.9	26,700	26,700									245
250	55.6	494.5	26,600	26,600									250
260	53.3	487.2	26,300	26,300	57.7	494.6	24,400	24,400					260
270	51.0	479.3	26,000	26,000	55.5	487.9	24,500	24,500					270
280	48.6	470.7	25,800	25,800	53.3	480.6	24,600	24,600					280
290	46.1	461.3	25,500	25,500	51.0	472.7	24,500	24,500					290
300	43.5	451.1	25,300	25,300	48.6	464.0	24,500	24,500	53.1	471.8	21,900	22,000	300
310	40.8	439.8	25,000	25,000	46.1	454.7	24,400	24,400	50.7	463.8	20,100	22,300	310
320	37.9	427.4	24,800	24,800	43.5	444.4	24,200	24,300	48.3	455.1	18,500	22,600	320
330	34.8	413.5	24,600	24,600	40.7	433.1	22,500	24,200	45.8	445.7	16,900	22,800	330
340	31.4	397.9	21,100	21,100	37.8	420.6	20,800	24,100	43.2	435.3	15,400	22,900	340
350	27.6	379.9	17,300	17,300	34.7	406.7	19,200	24,100	40.5	423.9	14,000	23,100	350
360	23.3	358.4	13,600	13,600	31.3	391.0	17,700	22,300	37.5	411.3	12,700	23,100	360
370	18.1	331.2	10,000	10,000	27.5	372.9	16,300	18,500	34.4	397.3	11,400	23,200	370
380					23.2	351.3	14,700	14,700	31.0	381.4	10,200	22,400	380
390					17.9	323.9	11,000	11,000	27.2	363.0		19,000	390
400									22.8	341.0		15,200	400
410									17.3	312.8		11,500	410

MLC300 VPC-MAX S-3

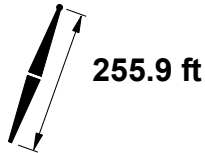
ASME B30.5



474,100 lb



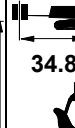
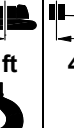
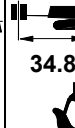
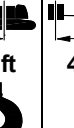
360°



255.9 ft

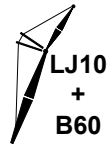


78.7 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
55	73.1	337.9	171,300 d	171,300 d									55
60	69.3	336.0	170,300 d	170,300 d									60
65	65.3	333.7	168,100 c	168,100 c									65
70	61.1	331.0	165,200 c	165,200 c	68.4	334.6	171,600 d	171,600 d					70
75	56.8	327.7	158,300 b	158,300 b	64.4	332.2	169,800 c	169,800 c					75
80	52.2	323.9	148,800 b	148,800 b	60.2	329.3	165,400 c	165,400 c					80
85	47.2	319.3	140,600	140,600	55.8	325.9	157,100 b	157,100 b	67.1	331.7	172,000 d	172,000 d	85
90	41.9	313.8	133,600	133,600	51.1	321.9	148,800 b	148,800 b	63.0	329.2	166,300 c	166,300 c	90
95	35.8	307.1	127,700	127,700	46.1	317.2	140,600	140,600	58.7	326.1	159,200 b	159,200 b	95
100	28.5	298.5	121,700	121,700	40.6	311.5	132,500	132,500	54.3	322.6	151,900 b	151,900 b	100
105	18.6	285.8	112,700	112,700	34.3	304.5	124,300	124,300	49.5	318.3	144,600 b	144,600 b	105
110					26.7	295.3	116,000	116,000	44.3	313.3	137,200	137,200	110
115					15.6	280.8	106,900	106,900	38.6	307.2	129,800	129,800	115
120									32.0	299.6	122,300	122,300	120
125									23.6	289.2	114,500	114,500	125
130									8.5	269.1	105,300	105,300	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190

MLC300 VPC-MAX S-3

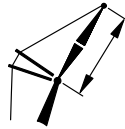
ASME B30.5



474,100 lb



255.9 ft

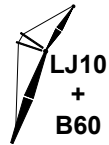


78.7 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.4	322.3	163,600 b	164,800 b									115
120	56.0	318.9	155,400 b	159,800 b									120
125	51.3	315.0	148,000 b	153,700 b									125
130	46.3	310.3	141,100	147,600									130
135	40.9	304.6	134,800	141,500									135
140	34.6	297.7	128,900	135,500	57.2	313.0	119,300 b	145,000 b					140
145	27.1	288.6	123,400	129,400	52.6	309.2	114,300 b	141,400 b					145
150	16.2	274.5	118,200	123,100	47.7	304.7	109,700	138,100					150
155					42.4	299.4	105,300	135,000					155
160					36.4	292.8	101,200	132,500					160
165					29.3	284.4	97,300	130,700	53.3	301.0	87,700 b	123,200 b	165
170					19.8	272.3	93,600	125,900	48.4	296.6	84,400	118,800	170
175									43.2	291.4	81,300	114,700	175
180									37.3	285.0	78,400	110,800	180
185									30.4	276.9	75,500	107,100	185
190									21.3	265.6	72,700	103,500	190

MLC300 VPC-MAX S-3

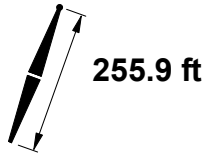
ASME B30.5



474,100 lb



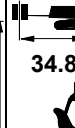
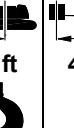
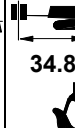
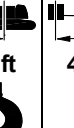
360°



255.9 ft

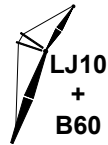


98.4 ft

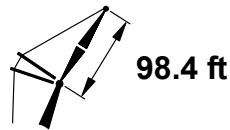
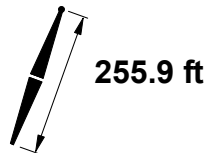
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	73.6	357.0	149,300 d	149,300 d									60
65	70.5	355.2	148,400 c	148,400 c									65
70	67.3	353.1	146,800 c	146,800 c									70
75	64.1	350.7	144,700 b	144,700 b	69.8	353.8	149,500 c	149,500 c					75
80	60.8	347.9	142,300 b	142,300 b	66.7	351.6	148,300 b	148,300 b					80
85	57.3	344.7	136,400	136,400	63.4	349.1	146,600 b	146,600 b					85
90	53.7	341.1	129,100	129,100	60.0	346.3	142,900 b	142,900 b	68.8	351.0	149,300 c	149,300 c	90
95	49.9	336.9	122,700	122,700	56.6	343.0	136,700	136,700	65.6	348.7	149,000 b	149,000 b	95
100	45.9	332.1	117,000	117,000	52.9	339.2	130,500	130,500	62.3	346.1	144,000 b	144,000 b	100
105	41.6	326.6	112,100	112,100	49.1	334.9	124,300	124,300	58.9	343.1	138,600	138,600	105
110	36.8	320.1	107,900	107,900	45.0	330.0	118,300	118,300	55.3	339.7	133,100	133,100	110
115	31.3	312.2	104,400	104,400	40.6	324.3	112,300	112,300	51.6	335.7	127,600	127,600	115
120	24.8	302.1	98,200	98,200	35.7	317.5	106,300	106,300	47.7	331.2	122,100	122,100	120
125	15.7	287.3	91,400	91,400	30.1	309.2	100,300	100,300	43.5	326.0	116,600	116,600	125
130					23.2	298.5	94,000	94,000	39.0	320.0	111,000	111,000	130
135					12.8	281.4	87,100	87,100	33.9	312.8	105,500	105,500	135
140									27.9	303.9	99,900	99,900	140
145									20.3	291.8	93,800	93,800	145
150									5.0	266.1	86,600	86,600	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

MLC300 VPC-MAX S-3

ASME B30.5



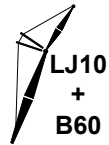
474,100 lb



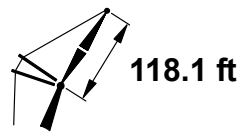
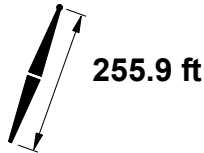
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	63.5	342.1	146,700 b	146,700 b									120
125	60.2	339.2	144,400	144,400									125
130	56.7	336.0	139,800	141,100									130
135	53.1	332.2	133,600	137,100									135
140	49.2	328.0	127,800	132,300									140
145	45.2	323.1	122,400	127,600									145
150	40.8	317.4	117,500	122,800	57.7	330.0	107,700	127,700					150
155	35.9	310.7	112,800	118,100	54.1	326.4	103,500	124,800					155
160	30.3	302.5	108,400	113,400	50.3	322.3	99,500	122,000					160
165	23.5	291.9	104,300	108,800	46.3	317.5	95,700	119,400					165
170	13.4	275.3	100,300	102,800	42.0	312.1	92,200	117,000					170
175					37.3	305.7	88,800	114,900					175
180					31.9	298.0	85,700	113,300	50.8	314.1	76,500	109,400	180
185					25.5	288.2	82,600	112,300	46.9	309.5	73,800	105,800	185
190					16.8	274.1	79,600	107,800	42.6	304.1	71,200	102,400	190
195									37.9	297.9	68,700	99,200	195
200									32.7	290.4	66,400	96,100	200
205									26.5	280.9	64,100	93,100	205
210									18.2	267.7	61,800	90,200	210

MLC300 VPC-MAX S-3

ASME B30.5



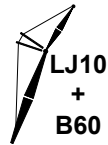
474,100 lb



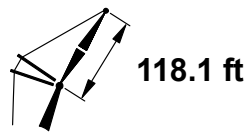
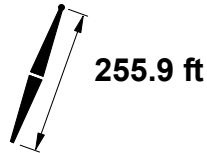
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
65	73.9	376.1	130,100 c	130,100 c									65
70	71.3	374.4	129,500 c	129,500 c									70
75	68.7	372.4	128,400 b	128,400 b									75
80	66.1	370.2	126,900 b	126,900 b	70.8	373.0	130,200 b	130,200 b					80
85	63.3	367.7	125,100	125,100	68.1	371.0	129,600 b	129,600 b					85
90	60.6	364.9	122,900	122,900	65.5	368.7	128,500 b	128,500 b					90
95	57.7	361.7	118,000	118,000	62.7	366.1	127,100	127,100					95
100	54.7	358.2	113,100	113,100	59.9	363.2	124,300	124,300	67.2	368.1	129,600 b	129,600 b	100
105	51.6	354.2	108,200	108,200	57.1	360.0	119,500	119,500	64.6	365.7	129,300	129,300	105
110	48.4	349.8	103,600	103,600	54.1	356.4	114,700	114,700	61.8	363.1	125,400	125,400	110
115	45.0	344.9	99,200	99,200	51.0	352.3	109,900	109,900	59.0	360.1	121,200	121,200	115
120	41.4	339.3	95,100	95,100	47.7	347.8	105,300	105,300	56.1	356.7	117,000	117,000	120
125	37.4	332.9	91,300	91,300	44.2	342.8	100,600	100,600	53.0	353.0	112,700	112,700	125
130	33.1	325.5	87,800	87,800	40.5	337.0	96,000	96,000	49.9	348.8	108,500	108,500	130
135	28.1	316.5	84,800	84,800	36.5	330.4	91,500	91,500	46.5	344.1	104,200	104,200	135
140	22.1	305.1	80,700	80,700	32.1	322.7	86,900	86,900	43.0	338.8	100,000	100,000	140
145	13.4	288.1	75,400	75,400	26.9	313.3	82,300	82,300	39.2	332.8	95,700	95,700	145
150					20.5	301.2	77,500	77,500	35.1	325.8	91,500	91,500	150
155					10.6	281.4	71,900	71,900	30.4	317.6	87,200	87,200	155
160									24.9	307.5	82,700	82,700	160
165									17.9	293.8	77,900	77,900	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

MLC300 VPC-MAX S-3

ASME B30.5



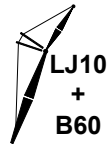
474,100 lb



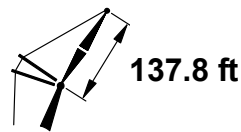
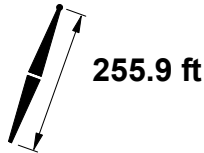
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.9	359.1	126,800	126,800									130
135	60.1	356.2	127,100	127,100									135
140	57.2	353.0	124,600	124,600									140
145	54.2	349.4	121,600	122,100									145
150	51.1	345.4	116,600	118,400									150
155	47.8	340.9	112,000	114,600									155
160	44.4	335.8	107,700	110,900	58.0	347.0	98,100	112,900					160
165	40.7	330.1	103,700	107,100	55.0	343.5	94,400	110,700					165
170	36.7	323.6	99,900	103,500	51.9	339.6	90,900	108,400					170
175	32.2	315.9	96,300	99,800	48.7	335.2	87,600	106,200					175
180	27.1	306.6	93,000	96,100	45.3	330.3	84,500	104,200					180
185	20.8	294.6	89,700	92,200	41.7	324.8	81,600	102,200					185
190	11.2	275.4	86,200	86,200	37.8	318.5	78,800	100,600	52.4	331.4	69,800	98,800	190
195					33.5	311.2	76,100	99,200	49.2	327.1	67,400	96,800	195
200					28.6	302.4	73,500	98,100	45.8	322.3	65,100	94,900	200
205					22.7	291.3	71,100	96,000	42.2	316.9	63,000	92,300	205
210					14.5	275.2	68,600	92,100	38.4	310.7	60,900	89,600	210
215									34.1	303.5	58,900	86,900	215
220									29.3	294.9	57,000	84,400	220
225									23.6	284.3	55,100	82,000	225
230									15.9	269.2	53,200	79,600	230

MLC300 VPC-MAX S-3

ASME B30.5



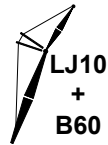
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	71.9	393.5	113,300 b	113,300 b									75
80	69.7	391.6	112,500 b	112,500 b									80
85	67.4	389.5	114,500	114,500	71.4	392.1	113,700 b	113,700 b					85
90	65.1	387.2	110,300	110,300	69.2	390.2	113,400	113,400					90
95	62.8	384.6	108,900	108,900	66.9	388.1	112,700	112,700					95
100	60.4	381.8	104,900	104,900	64.6	385.7	111,900	111,900					100
105	57.9	378.7	100,900	100,900	62.3	383.1	110,800	110,800	68.4	387.4	112,700	112,700	105
110	55.4	375.3	97,000	97,000	59.9	380.2	109,200	109,200	66.2	385.2	112,800	112,800	110
115	52.8	371.5	93,100	93,100	57.4	377.0	105,400	105,400	63.8	382.7	112,600	112,600	115
120	50.1	367.3	89,400	89,400	54.9	373.5	101,600	101,600	61.5	380.0	110,400	110,400	120
125	47.3	362.7	85,800	85,800	52.2	369.6	97,800	97,800	59.1	377.0	107,100	107,100	125
130	44.3	357.7	82,300	82,300	49.5	365.4	94,100	94,100	56.6	373.7	103,700	103,700	130
135	41.2	352.0	79,100	79,100	46.7	360.7	90,400	90,400	54.0	370.1	100,300	100,300	135
140	37.9	345.7	76,100	76,100	43.7	355.5	86,800	86,800	51.3	366.1	96,900	96,900	140
145	34.2	338.6	73,300	73,300	40.5	349.7	83,100	83,100	48.6	361.7	93,500	93,500	145
150	30.2	330.2	70,900	70,900	37.1	343.3	79,600	79,600	45.7	356.9	90,100	90,100	150
155	25.6	320.3	68,700	68,700	33.4	335.9	75,900	75,900	42.6	351.5	86,800	86,800	155
160	19.9	307.6	67,100	67,100	29.3	327.3	72,300	72,300	39.4	345.5	83,400	83,400	160
165	11.6	288.4	63,000	63,000	24.5	316.9	68,600	68,600	35.9	338.8	80,000	80,000	165
170					18.5	303.3	64,700	64,700	32.1	331.0	76,600	76,600	170
175					8.8	280.7	60,100	60,100	27.7	321.9	73,200	73,200	175
180									22.6	310.7	69,600	69,600	180
185									15.9	295.3	65,600	65,600	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

ASME B30.5



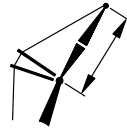
474,100 lb



360°



255.9 ft

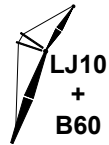


137.8 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	62.4	376.0	109,800	109,800									140
145	60.0	373.1	110,400	110,400									145
150	57.5	370.0	110,700	110,700									150
155	55.0	366.5	108,600	108,600									155
160	52.4	362.6	106,400	106,700									160
165	49.6	358.4	102,400	103,700									165
170	46.8	353.8	98,700	100,600	58.2	363.9	88,800	100,300					170
175	43.8	348.6	95,200	97,600	55.7	360.5	85,600	98,600					175
180	40.6	342.9	91,800	94,500	53.1	356.8	82,500	96,700					180
185	37.2	336.4	88,700	91,500	50.4	352.7	79,600	95,000					185
190	33.5	329.0	85,700	88,600	47.6	348.1	76,900	93,200					190
195	29.4	320.5	82,900	85,600	44.6	343.1	74,300	91,500					195
200	24.7	310.2	80,200	82,600	41.5	337.6	71,800	90,000	53.4	348.6	63,000	88,000	200
205	18.7	296.8	77,600	78,400	38.2	331.3	69,500	88,600	50.8	344.5	60,900	86,500	205
210	9.4	275.0	73,400	73,400	34.6	324.2	67,200	87,300	48.0	340.0	58,900	84,900	210
215					30.6	316.0	65,000	86,300	45.0	335.1	57,000	83,400	215
220					26.0	306.3	62,900	85,700	42.0	329.6	55,100	81,900	220
225					20.5	294.0	60,900	83,000	38.7	323.5	53,300	80,500	225
230					12.7	275.9	58,900	79,700	35.1	316.5	51,600	78,500	230
235									31.2	308.5	50,000	76,300	235
240									26.7	299.0	48,400	74,200	240
245									21.4	287.1	46,800	72,200	245
250									14.0	270.3	45,300	70,200	250

MLC300 VPC-MAX S-3

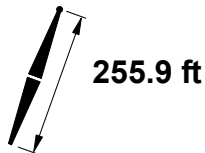
ASME B30.5



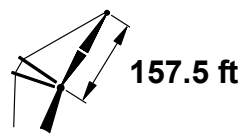
474,100 lb



360°



255.9 ft

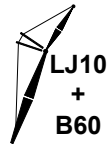


157.5 ft

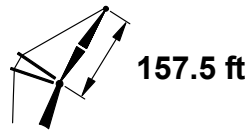
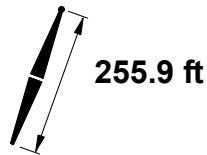
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	72.3	412.6	98,700	98,700									80
85	70.4	410.8	97,900	97,900									85
90	68.4	408.8	97,200	97,200	71.9	411.2	98,400	98,400					90
95	66.4	406.6	96,400	96,400	70.0	409.4	98,400	98,400					95
100	64.4	404.2	95,400	95,400	68.0	407.4	98,000	98,000					100
105	62.4	401.6	93,300	93,300	66.0	405.1	97,500	97,500					105
110	60.3	398.8	90,100	90,100	64.0	402.7	96,800	96,800					110
115	58.1	395.7	86,900	86,900	61.9	400.0	96,100	96,100	67.3	404.5	97,400	97,400	115
120	55.9	392.3	83,700	83,700	59.8	397.1	95,300	95,300	65.3	402.2	97,500	97,500	120
125	53.7	388.6	80,600	80,600	57.7	394.0	92,300	92,300	63.3	399.7	97,400	97,400	125
130	51.4	384.7	77,600	77,600	55.5	390.5	89,200	89,200	61.2	397.0	96,500	96,500	130
135	49.0	380.3	74,600	74,600	53.2	386.8	86,100	86,100	59.1	394.0	94,000	94,000	135
140	46.5	375.6	71,800	71,800	50.9	382.7	83,000	83,000	56.9	390.7	91,200	91,200	140
145	43.8	370.5	69,100	69,100	48.4	378.3	80,000	80,000	54.7	387.2	88,500	88,500	145
150	41.1	364.8	66,600	66,600	45.9	373.5	77,100	77,100	52.4	383.4	85,800	85,800	150
155	38.2	358.5	64,200	64,200	43.3	368.3	74,300	74,300	50.1	379.2	83,100	83,100	155
160	35.1	351.5	62,000	62,000	40.5	362.5	71,500	71,500	47.6	374.7	80,300	80,300	160
165	31.7	343.6	59,900	59,900	37.5	356.1	68,600	68,600	45.0	369.7	77,500	77,500	165
170	27.9	334.5	58,100	58,100	34.4	348.9	65,800	65,800	42.4	364.3	74,900	74,900	170
175	23.5	323.6	56,600	56,600	30.9	340.8	62,900	62,900	39.5	358.3	72,200	72,200	175
180	18.1	309.7	55,500	55,500	27.0	331.4	59,900	59,900	36.5	351.7	69,400	69,400	180
185	10.1	288.3	52,100	52,100	22.5	320.0	56,800	56,800	33.2	344.2	66,700	66,700	185
190					16.8	305.1	53,600	53,600	29.6	335.7	63,900	63,900	190
195					7.2	279.2	49,700	49,700	25.6	325.7	61,000	61,000	195
200									20.7	313.4	58,100	58,100	200
205									14.3	296.5	54,800	54,800	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-3

ASME B30.5



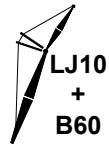
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.0	393.0	94,300	94,300									150
155	59.9	390.1	95,000	95,000									155
160	57.8	386.9	95,400	95,400									160
165	55.6	383.5	95,600	95,600									165
170	53.3	379.8	93,500	93,500									170
175	51.0	375.8	90,500	90,500									175
180	48.5	371.4	87,300	87,300	58.4	380.9	80,300	88,400					180
185	46.0	366.6	84,100	84,100	56.2	377.6	77,500	87,100					185
190	43.4	361.4	80,900	80,900	53.9	373.9	74,800	85,700					190
195	40.6	355.6	77,600	77,600	51.6	370.0	72,200	84,200					195
200	37.7	349.2	74,700	74,700	49.2	365.7	69,700	82,800					200
205	34.5	342.1	71,600	71,600	46.7	361.0	67,400	81,300					205
210	31.0	334.0	68,700	68,700	44.1	355.9	65,200	80,000					210
215	27.2	324.6	65,900	65,900	41.4	350.3	63,100	78,700	51.9	361.8	54,800	76,600	215
220	22.7	313.3	63,300	63,300	38.5	344.1	61,000	76,300	49.5	357.5	52,900	75,300	220
225	17.0	298.7	60,700	60,700	35.4	337.2	59,100	73,200	47.1	352.9	51,200	74,000	225
230	7.8	273.8	58,300	58,300	32.0	329.4	57,200	70,500	44.5	347.9	49,500	72,800	230
235					28.3	320.4	55,400	67,700	41.8	342.3	47,900	71,500	235
240					24.0	309.7	53,700	65,000	38.9	336.2	46,400	70,400	240
245					18.7	296.2	52,000	62,400	35.8	329.4	44,900	69,300	245
250					11.2	276.1	50,200	59,900	32.5	321.8	43,500	68,300	250
260									24.6	302.6	40,700	65,300	260
270									12.5	270.9	38,100	61,100	270

MLC300 VPC-MAX S-3

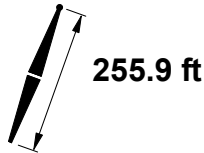
ASME B30.5



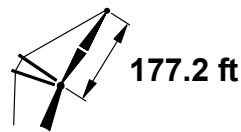
474,100 lb



360°



255.9 ft

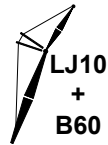


177.2 ft

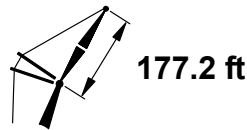
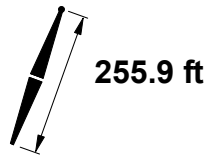
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	72.7	431.7	86,000	86,000									85
90	70.9	429.9	85,700	85,700									90
95	69.2	428.0	85,300	85,300									95
100	67.5	425.9	84,700	84,700	70.6	428.5	85,800	85,800					100
105	65.7	423.7	84,000	84,000	68.8	426.6	85,700	85,700					105
110	63.9	421.2	83,000	83,000	67.1	424.5	85,400	85,400					110
115	62.1	418.6	80,400	80,400	65.3	422.2	85,000	85,000					115
120	60.2	415.7	77,800	77,800	63.5	419.7	84,500	84,500	68.2	423.8	84,500	84,500	120
125	58.3	412.6	75,300	75,300	61.7	417.0	83,900	83,900	66.5	421.6	84,700	84,700	125
130	56.3	409.3	72,600	72,600	59.8	414.1	82,700	82,700	64.7	419.2	84,800	84,800	130
135	54.4	405.7	70,100	70,100	57.9	410.9	80,300	80,300	62.9	416.7	84,800	84,800	135
140	52.3	401.9	67,600	67,600	55.9	407.6	77,800	77,800	61.0	413.9	84,600	84,600	140
145	50.2	397.7	65,200	65,200	53.9	403.9	75,300	75,300	59.1	410.9	83,400	83,400	145
150	48.1	393.3	62,900	62,900	51.9	400.0	72,800	72,800	57.2	407.7	81,300	81,300	150
155	45.8	388.5	60,600	60,600	49.8	395.8	70,300	70,300	55.3	404.3	79,100	79,100	155
160	43.5	383.2	58,500	58,500	47.6	391.3	67,900	67,900	53.2	400.5	76,800	76,800	160
165	41.0	377.5	56,400	56,400	45.3	386.4	65,600	65,600	51.2	396.5	74,600	74,600	165
170	38.4	371.3	54,500	54,500	43.0	381.0	63,400	63,400	49.0	392.2	72,300	72,300	170
175	35.7	364.5	52,700	52,700	40.5	375.2	61,200	61,200	46.8	387.6	70,100	70,100	175
180	32.8	356.9	51,100	51,100	37.9	368.9	59,100	59,100	44.5	382.5	67,800	67,800	180
185	29.5	348.3	49,600	49,600	35.1	361.9	57,200	57,200	42.1	377.0	65,500	65,500	185
190	26.0	338.4	48,300	48,300	32.1	354.1	55,300	55,300	39.6	371.1	63,200	63,200	190
195	21.8	326.6	47,200	47,200	28.8	345.3	52,800	52,800	36.9	364.5	61,000	61,000	195
200	16.7	311.5	46,500	46,500	25.1	335.1	50,400	50,400	34.1	357.3	58,800	58,800	200
205	8.8	287.6	43,700	43,700	20.8	322.7	47,800	47,800	31.0	349.2	56,500	56,500	205
210					15.3	306.5	45,000	45,000	27.6	339.9	54,100	54,100	210
215					5.6	276.8	41,500	41,500	23.8	329.1	51,700	51,700	215
220									19.1	315.7	49,200	49,200	220
225									13.0	297.2	46,300	46,300	225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-3

ASME B30.5



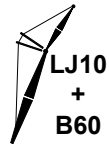
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.6	412.6	80,800	80,800									155
160	61.7	410.0	81,600	81,600									160
165	59.9	407.1	82,200	82,200									165
170	58.0	403.9	82,600	82,600									170
175	56.0	400.6	82,900	82,900									175
180	54.0	396.9	81,700	81,700									180
185	52.0	393.0	79,200	79,200									185
190	49.8	388.8	76,700	76,700	58.5	397.9	72,700	76,300					190
195	47.7	384.3	74,200	74,200	56.5	394.6	70,100	77,600					195
200	45.4	379.4	71,500	71,500	54.6	391.0	67,700	76,500					200
205	43.0	374.1	68,900	68,900	52.5	387.2	65,400	75,400					205
210	40.6	368.3	66,400	66,400	50.4	383.1	63,200	74,100					210
215	38.0	362.0	63,800	63,800	48.3	378.7	61,200	73,000					215
220	35.2	355.1	61,300	61,300	46.0	373.9	59,200	71,800					220
225	32.2	347.3	58,900	58,900	43.7	368.7	57,300	70,100	52.8	379.0	49,100	68,300	225
230	28.9	338.5	56,500	56,500	41.3	363.0	55,400	67,700	50.7	374.9	47,500	67,300	230
235	25.3	328.4	54,200	54,200	38.7	356.9	53,700	65,200	48.6	370.5	45,900	66,300	235
240	21.0	316.1	52,100	52,100	36.0	350.1	52,000	62,700	46.3	365.8	44,400	65,200	240
245	15.6	300.1	50,100	50,100	33.1	342.6	50,400	60,400	44.0	360.7	43,000	64,200	245
250	6.3	271.9	48,100	48,100	29.9	334.1	48,800	58,100	41.6	355.1	41,600	63,200	250
260					22.3	312.8	45,800	53,500	36.4	342.3	38,900	61,300	260
270					9.8	275.8	42,900	49,500	30.3	326.6	36,500	58,800	270
280									22.8	305.8	34,100	54,500	280
290									11.2	271.1	31,800	50,500	290

MLC300 VPC-MAX S-3

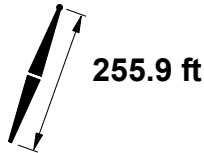
ASME B30.5



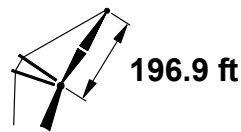
474,100 lb



360°



255.9 ft

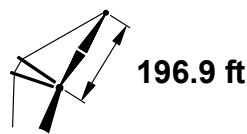
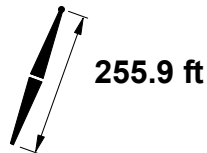
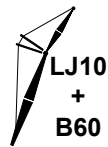


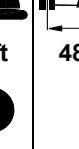
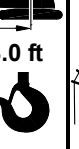
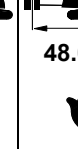
196.9 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
90	72.9	450.7	75,400	75,400									90
95	71.4	449.0	75,200	75,200									95
100	69.8	447.2	74,900	74,900									100
105	68.3	445.2	74,400	74,400	71.1	447.7	75,100	75,100					105
110	66.7	443.0	73,900	73,900	69.5	445.8	75,000	75,000					110
115	65.1	440.7	73,400	73,400	67.9	443.7	74,900	74,900					115
120	63.4	438.2	71,700	71,700	66.3	441.6	74,600	74,600					120
125	61.8	435.5	69,600	69,600	64.7	439.2	74,300	74,300	69.0	443.0	73,600	73,600	125
130	60.1	432.7	67,500	67,500	63.1	436.7	73,900	73,900	67.4	440.9	73,900	73,900	130
135	58.4	429.6	65,400	65,400	61.4	433.9	73,400	73,400	65.8	438.7	74,000	74,000	135
140	56.7	426.3	63,400	63,400	59.8	431.0	72,200	72,200	64.2	436.3	74,000	74,000	140
145	54.9	422.8	61,300	61,300	58.0	427.9	70,200	70,200	62.5	433.7	74,000	74,000	145
150	53.1	419.1	59,300	59,300	56.3	424.6	68,100	68,100	60.9	430.9	73,900	73,900	150
155	51.2	415.1	57,300	57,300	54.5	421.0	66,100	66,100	59.2	427.9	73,700	73,700	155
160	49.3	410.8	55,400	55,400	52.7	417.2	64,100	64,100	57.5	424.7	72,800	72,800	160
165	47.3	406.2	53,500	53,500	50.8	413.2	62,000	62,000	55.7	421.3	71,000	71,000	165
170	45.3	401.3	51,700	51,700	48.9	408.8	60,100	60,100	53.9	417.7	69,100	69,100	170
175	43.2	396.0	50,000	50,000	46.9	404.2	58,100	58,100	52.1	413.8	67,200	67,200	175
180	41.0	390.3	48,300	48,300	44.8	399.2	56,300	56,300	50.2	409.6	65,300	65,300	180
185	38.6	384.1	46,800	46,800	42.7	393.8	54,400	54,400	48.2	405.2	63,400	63,400	185
190	36.2	377.4	45,300	45,300	40.5	388.0	52,700	52,700	46.2	400.4	61,600	61,600	190
195	33.6	370.0	43,900	43,900	38.1	381.7	51,000	51,000	44.1	395.3	59,700	59,700	195
200	30.8	361.8	42,700	42,700	35.7	374.8	49,400	49,400	42.0	389.8	57,800	57,800	200
205	27.7	352.5	41,600	41,600	33.0	367.3	48,000	48,000	39.7	383.8	55,900	55,900	205
210	24.3	341.9	40,700	40,700	30.2	358.9	46,600	46,600	37.3	377.3	54,000	54,000	210
215	20.4	329.2	39,800	39,800	27.1	349.4	44,900	44,900	34.8	370.3	52,100	52,100	215
220	15.4	313.0	39,400	39,400	23.5	338.4	42,800	42,800	32.1	362.4	50,200	50,200	220
225	7.5	286.3	37,000	37,000	19.4	325.1	40,600	40,600	29.2	353.7	48,200	48,200	225
230					14.1	307.6	38,200	38,200	25.9	343.8	46,300	46,300	230
235					3.8	272.6	35,200	35,200	22.2	332.1	44,200	44,200	235
240									17.8	317.8	42,000	42,000	240
245									11.8	297.7	39,500	39,500	245
250													250
260													260
270													270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-3

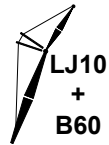
ASME B30.5



	 75°				 70°				 65°						
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb		 lb	 ft
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170	63.2	429.6	70,200	70,200											170
175	61.5	426.9	70,900	70,900											175
180	59.8	424.0	71,400	71,400											180
185	58.1	420.9	71,800	71,800											185
190	56.4	417.6	72,100	72,100											190
195	54.6	414.0	72,300	72,300											195
200	52.8	410.2	72,500	72,500											200
205	50.9	406.2	72,600	72,600	58.6	414.8	65,800	65,800							205
210	49.0	401.9	72,700	72,700	56.8	411.6	64,000	66,800							210
215	47.0	397.2	71,000	71,100	55.1	408.1	61,800	67,800							215
220	44.9	392.2	68,700	69,400	53.3	404.4	59,700	67,900							220
225	42.8	386.9	66,500	67,700	51.4	400.4	57,800	66,900							225
230	40.6	381.1	64,400	65,900	49.5	396.1	55,900	65,900							230
235	38.2	374.8	62,400	64,200	47.5	391.6	54,100	64,900							235
240	35.8	368.0	60,500	62,500	45.5	386.7	52,300	64,000	53.5	396.1	44,400	61,300			240
245	33.1	360.5	58,600	60,600	43.4	381.5	50,700	63,100	51.6	392.2	43,000	60,600			245
250	30.3	352.1	56,800	58,500	41.2	375.8	49,100	62,200	49.7	388.0	41,500	59,700			250
255	27.2	342.7	55,100	56,400	38.9	369.7	47,600	61,300	47.8	383.5	40,200	58,900			255
260	19.6	318.6	51,800	51,800	33.9	355.7	44,700	59,900	43.7	373.4	37,600	57,100			260
270	4.8	268.8	45,600	45,600	28.1	338.4	41,900	58,800	39.2	361.8	35,200	55,500			270
280					20.8	315.5	39,400	56,500	34.2	347.9	32,900	54,000			280
290					8.6	275.1	36,800	52,400	28.5	331.0	30,800	52,700			290
300									21.4	308.6	28,800	51,400			300
310									10.0	270.9	26,800	48,900			310

MLC300 VPC-MAX S-3

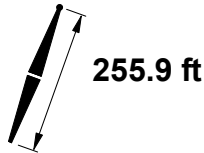
ASME B30.5



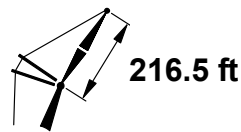
474,100 lb



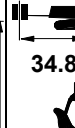
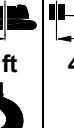
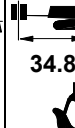
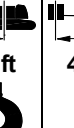
360°



255.9 ft

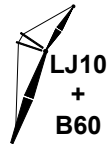


216.5 ft

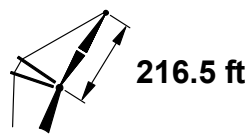
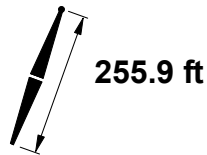
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	73.1	469.8	65,200	65,200									95
100	71.7	468.1	65,000	65,000									100
105	70.3	466.4	64,700	64,700									105
110	68.9	464.4	64,400	64,400	71.4	466.8	64,800	64,800					110
115	67.5	462.3	64,100	64,100	70.0	464.9	64,700	64,700					115
120	66.0	460.1	63,700	63,700	68.6	463.0	64,600	64,600					120
125	64.6	457.7	63,200	63,200	67.2	460.9	64,400	64,400					125
130	63.1	455.2	62,000	62,000	65.7	458.6	64,200	64,200					130
135	61.6	452.5	60,400	60,400	64.3	456.2	63,900	63,900	68.1	460.2	63,400	63,400	135
140	60.1	449.6	58,700	58,700	62.8	453.6	63,600	63,600	66.7	458.0	63,500	63,500	140
145	58.5	446.6	57,000	57,000	61.3	450.9	63,300	63,300	65.2	455.7	63,600	63,600	145
150	56.9	443.3	55,300	55,300	59.7	448.0	62,800	62,800	63.8	453.3	63,600	63,600	150
155	55.3	439.9	53,600	53,600	58.2	444.9	61,200	61,200	62.3	450.6	63,500	63,500	155
160	53.7	436.2	51,900	51,900	56.6	441.6	59,600	59,600	60.7	447.8	63,400	63,400	160
165	52.0	432.3	50,400	50,400	55.0	438.1	58,000	58,000	59.2	444.8	63,300	63,300	165
170	50.3	428.2	48,700	48,700	53.3	434.4	56,300	56,300	57.6	441.7	63,200	63,200	170
175	48.5	423.8	47,200	47,200	51.6	430.4	54,700	54,700	56.0	438.3	62,600	62,600	175
180	46.7	419.1	45,700	45,700	49.9	426.2	53,000	53,000	54.4	434.8	61,100	61,100	180
185	44.8	414.1	44,300	44,300	48.1	421.8	51,500	51,500	52.8	431.0	59,500	59,500	185
190	42.9	408.7	42,900	42,900	46.3	417.0	49,900	49,900	51.1	426.9	58,000	58,000	190
195	40.9	403.0	41,500	41,500	44.4	412.0	48,400	48,400	49.3	422.7	56,400	56,400	195
200	38.8	396.9	40,300	40,300	42.5	406.5	46,900	46,900	47.5	418.1	54,800	54,800	200
205	36.6	390.2	39,100	39,100	40.5	400.7	45,600	45,600	45.7	413.3	53,200	53,200	205
210	34.3	383.0	38,000	38,000	38.3	394.5	44,200	44,200	43.8	408.1	51,700	51,700	210
215	31.8	375.1	36,900	36,900	36.1	387.7	42,900	42,900	41.8	402.5	50,100	50,100	215
220	29.1	366.3	36,000	36,000	33.8	380.4	41,600	41,600	39.8	396.6	48,500	48,500	220
225	26.2	356.5	35,200	35,200	31.2	372.3	40,500	40,500	37.6	390.2	46,900	46,900	225
230	22.9	345.1	34,400	34,400	28.5	363.3	39,000	39,000	35.3	383.2	45,300	45,300	230
235	19.1	331.6	33,800	33,800	25.5	353.2	37,300	37,300	32.9	375.6	43,700	43,700	235
240	14.3	314.1	32,900	32,900	22.2	341.5	35,500	35,500	30.4	367.3	42,100	42,100	240
245													
250	6.3	284.4	30,400	30,400	18.2	327.3	33,600	33,600	27.6	357.9	40,400	40,400	245
260					13.0	308.4	31,400	31,400	24.5	347.3	38,700	38,700	250
270									16.6	319.5	35,000	35,000	260
280													270
290													280
300													290
310													300
320													310
330													320
													330

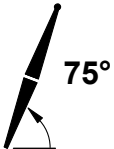
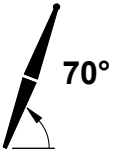
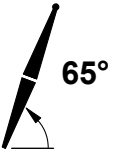
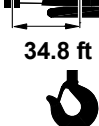
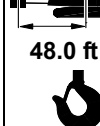
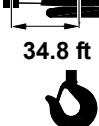
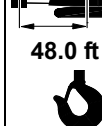
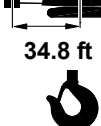
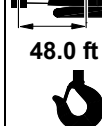
MLC300 VPC-MAX S-3

ASME B30.5



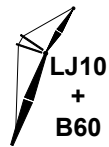
474,100 lb



	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175	62.8	446.6	60,000	60,000											175
180	61.3	443.9	60,500	60,500											180
185	59.8	441.0	60,900	60,900											185
190	58.2	437.9	61,200	61,200											190
195	56.7	434.6	61,500	61,500											195
200	55.0	431.1	61,700	61,700											200
205	53.4	427.4	61,900	61,900											205
210	51.7	423.5	62,000	62,000	58.7	431.8	55,700	55,700							210
215	50.0	419.3	62,100	62,100	57.1	428.6	56,600	56,600							215
220	48.2	414.8	61,900	61,900	55.5	425.1	55,800	57,300							220
225	46.4	410.1	60,600	60,600	53.8	421.5	53,900	58,000							225
230	44.5	405.0	59,100	59,100	52.2	417.6	52,100	58,600							230
235	42.6	399.6	57,700	57,700	50.5	413.5	50,400	58,300							235
240	40.5	393.8	56,100	56,100	48.7	409.1	48,800	57,500							240
245	38.4	387.6	54,600	54,600	46.9	404.5	47,200	56,700							245
250	36.2	380.9	53,000	53,000	45.0	399.5	45,700	55,900	52.4	409.4	38,100	52,700			250
260	31.3	365.5	49,800	49,800	41.1	388.5	42,800	54,500	48.9	401.0	35,600	52,000			260
270	25.7	346.5	46,500	46,500	36.8	375.8	40,200	53,100	45.3	391.5	33,200	50,600			270
280	18.4	320.8	43,400	43,400	32.0	360.8	37,700	51,300	41.4	380.6	31,000	49,100			280
290	2.9	263.2	38,400	38,400	26.5	342.4	35,400	48,200	37.1	368.0	29,000	47,800			290
300					19.5	318.0	33,200	45,100	32.4	353.2	27,000	46,600			300
310					7.5	273.9	30,900	42,200	26.9	335.1	25,200	45,700			310
320									20.1	311.2	23,400	45,200			320
330									8.9	270.3	21,700	43,200			330

MLC300 VPC-MAX S-3

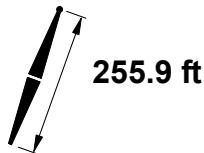
ASME B30.5



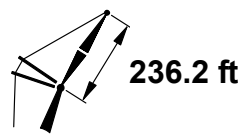
474,100 lb



360°



255.9 ft

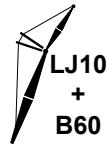


236.2 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
100	73.3	488.9	56,600	56,600									100
105	72.0	487.2	56,400	56,400									105
110	70.8	485.5	56,200	56,200									110
115	69.5	483.6	55,900	55,900	71.8	485.9	56,000	56,000					115
120	68.2	481.6	55,600	55,600	70.5	484.1	56,100	56,100					120
125	66.8	479.5	55,300	55,300	69.2	482.2	55,900	55,900					125
130	65.5	477.2	55,000	55,000	67.9	480.1	55,700	55,700					130
135	64.2	474.8	54,600	54,600	66.6	478.0	55,600	55,600					135
140	62.8	472.2	53,800	53,800	65.2	475.7	55,300	55,300	68.7	479.4	54,600	54,600	140
145	61.4	469.5	52,400	52,400	63.9	473.2	55,100	55,100	67.4	477.3	54,700	54,700	145
150	60.0	466.6	51,000	51,000	62.5	470.6	54,900	54,900	66.1	475.1	54,800	54,800	150
155	58.6	463.5	49,700	49,700	61.1	467.8	54,600	54,600	64.8	472.8	54,700	54,700	155
160	57.1	460.3	48,300	48,300	59.7	464.9	54,300	54,300	63.4	470.2	54,700	54,700	160
165	55.7	456.9	46,900	46,900	58.3	461.8	53,500	53,500	62.0	467.6	54,600	54,600	165
170	54.2	453.3	45,600	45,600	56.8	458.6	52,100	52,100	60.6	464.8	54,500	54,500	170
175	52.7	449.5	44,200	44,200	55.4	455.1	50,900	50,900	59.2	461.8	54,400	54,400	175
180	51.1	445.5	43,000	43,000	53.9	451.5	49,500	49,500	57.8	458.7	54,300	54,300	180
185	49.5	441.2	41,600	41,600	52.3	447.6	48,200	48,200	56.3	455.3	54,200	54,200	185
190	47.9	436.7	40,300	40,300	50.8	443.6	46,900	46,900	54.9	451.8	54,000	54,000	190
195	46.2	431.9	39,200	39,200	49.2	439.3	45,600	45,600	53.3	448.1	53,400	53,400	195
200	44.5	426.9	38,100	38,100	47.5	434.7	44,300	44,300	51.8	444.2	52,100	52,100	200
205	42.7	421.5	36,800	36,800	45.8	429.9	43,000	43,000	50.2	440.0	50,800	50,800	205
210	40.9	415.8	35,800	35,800	44.1	424.7	41,800	41,800	48.6	435.7	49,500	49,500	210
215	38.9	409.6	34,700	34,700	42.3	419.3	40,600	40,600	47.0	431.0	48,100	48,100	215
220	36.9	403.1	33,800	33,800	40.4	413.5	39,500	39,500	45.3	426.1	46,800	46,800	220
225	34.8	396.0	32,900	32,900	38.5	407.3	38,300	38,300	43.5	420.8	45,400	45,400	225
230	32.6	388.3	32,000	32,000	36.5	400.6	37,200	37,200	41.7	415.3	44,100	44,100	230
235	30.2	379.9	31,200	31,200	34.4	393.4	36,300	36,300	39.8	409.3	42,700	42,700	235
240	27.7	370.6	30,500	30,500	32.1	385.5	35,400	35,400	37.8	403.0	41,400	41,400	240
245	24.9	360.1	29,800	29,800	29.7	376.9	34,400	34,400	35.8	396.1	40,000	40,000	245
250	21.7	348.1	29,300	29,300	27.1	367.4	32,900	32,900	33.6	388.7	38,600	38,600	250
260	13.3	315.0	27,500	27,500	21.0	344.2	29,800	29,800	28.8	371.8	35,800	35,800	260
270					12.1	308.9	26,200	26,200	23.2	350.6	32,900	32,900	270
280									15.6	321.0	29,600	29,600	280
290													290
300													300
310													310
320													320
330													330
340													340
350													350

MLC300 VPC-MAX S-3

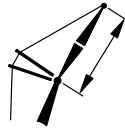
ASME B30.5



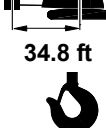
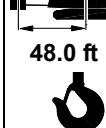
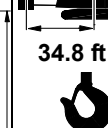
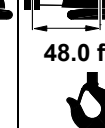
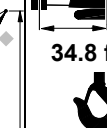
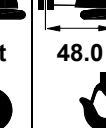
474,100 lb



255.9 ft

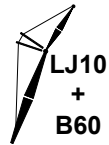


236.2 ft

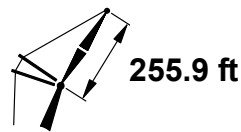
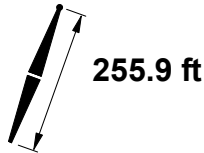
	 75°				 70°				 65°						
	 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb		 lb	 ft
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180	63.9	466.2	51,000	51,000											180
185	62.6	463.6	51,400	51,400											185
190	61.2	460.8	51,700	51,700											190
195	59.8	457.9	52,000	52,000											195
200	58.3	454.8	52,300	52,300											200
205	56.9	451.6	52,500	52,500											205
210	55.4	448.1	52,700	52,700											210
215	53.9	444.5	52,800	52,800											215
220	52.4	440.7	52,900	52,900	58.7	448.8	47,200	47,200							220
225	50.8	436.6	53,000	53,000	57.3	445.6	47,900	47,900							225
230	49.2	432.3	53,100	53,100	55.8	442.2	48,500	48,500							230
235	47.6	427.8	52,700	52,700	54.3	438.6	48,900	49,000							235
240	45.9	422.9	51,400	51,400	52.8	434.8	47,200	49,500							240
245	44.2	417.8	50,000	50,000	51.3	430.8	45,700	50,000							245
250	42.4	412.4	48,600	48,600	49.7	426.6	44,200	50,400							250
260	38.6	400.4	45,700	45,700	46.4	417.4	41,400	50,200	53.0	426.6	34,000	44,100			260
270	34.4	386.5	42,600	42,600	42.9	407.0	38,800	48,900	49.9	418.4	31,700	45,800			270
280	29.8	370.2	39,400	39,400	39.1	395.2	36,300	46,800	46.6	409.3	29,500	45,300			280
290	24.3	350.0	36,400	36,400	35.0	381.6	34,000	43,900	43.1	399.0	27,500	44,000			290
300	17.3	322.7	33,400	33,400	30.5	365.7	31,900	40,900	39.4	387.3	25,600	42,900			300
310					25.1	346.1	29,900	37,800	35.3	373.9	23,800	41,800			310
320					18.4	320.2	27,900	34,900	30.8	358.1	22,100	40,800			320
330					6.4	272.0	26,000	32,200	25.5	338.9	20,500	38,700			330
340									18.9	313.5	19,000	35,900			340
350									7.9	269.3	17,400	33,300			350

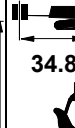
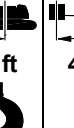
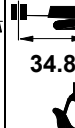
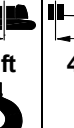
MLC300 VPC-MAX S-3

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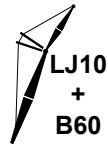
474,100 lb



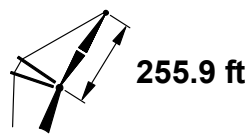
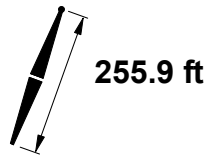
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.5	507.9	49,100	49,100									105
110	72.3	506.3	48,600	48,600									110
115	71.1	504.6	48,500	48,500									115
120	69.9	502.8	48,200	48,200									120
125	68.7	500.8	48,000	48,000	70.9	503.2	48,200	48,200					125
130	67.5	498.8	47,700	47,700	69.7	501.4	48,100	48,100					130
135	66.3	496.6	47,400	47,400	68.5	499.4	47,900	47,900					135
140	65.0	494.2	47,100	47,100	67.2	497.3	47,800	47,800					140
145	63.8	491.8	46,800	46,800	66.0	495.1	47,600	47,600					145
150	62.5	489.2	46,500	46,500	64.8	492.7	47,400	47,400	68.1	496.6	46,800	46,800	150
155	61.3	486.4	45,300	45,300	63.5	490.2	47,200	47,200	66.8	494.4	46,900	46,900	155
160	60.0	483.5	44,200	44,200	62.3	487.6	47,000	47,000	65.6	492.2	46,900	46,900	160
165	58.7	480.5	43,100	43,100	61.0	484.8	46,700	46,700	64.4	489.8	46,900	46,900	165
170	57.3	477.3	42,000	42,000	59.7	481.9	46,500	46,500	63.1	487.2	46,800	46,800	170
175	56.0	473.9	40,900	40,900	58.4	478.8	46,200	46,200	61.8	484.6	46,600	46,600	175
180	54.6	470.4	39,800	39,800	57.0	475.6	45,500	45,500	60.6	481.7	46,500	46,500	180
185	53.2	466.6	38,600	38,600	55.7	472.2	44,400	44,400	59.2	478.8	46,400	46,400	185
190	51.8	462.7	37,600	37,600	54.3	468.6	43,300	43,300	57.9	475.6	46,300	46,300	190
195	50.3	458.6	36,600	36,600	52.9	464.8	42,200	42,200	56.6	472.3	46,100	46,100	195
200	48.9	454.2	35,500	35,500	51.5	460.8	41,200	41,200	55.2	468.9	46,000	46,000	200
205	47.3	449.6	34,500	34,500	50.0	456.7	40,100	40,100	53.8	465.2	45,900	45,900	205
210	45.8	444.8	33,500	33,500	48.5	452.3	39,000	39,000	52.4	461.4	45,700	45,700	210
215	44.2	439.7	32,600	32,600	47.0	447.6	38,000	38,000	51.0	457.4	45,300	45,300	215
220	42.5	434.3	31,700	31,700	45.4	442.7	37,000	37,000	49.5	453.1	44,200	44,200	220
225	40.8	428.5	30,700	30,700	43.8	437.5	36,000	36,000	48.0	448.6	43,100	43,100	225
230	39.0	422.4	29,900	29,900	42.2	432.0	35,000	35,000	46.5	443.9	42,000	42,000	230
235	37.2	415.9	29,100	29,100	40.4	426.2	34,100	34,100	44.9	438.9	40,800	40,800	235
240	35.3	408.9	28,400	28,400	38.7	420.0	33,200	33,200	43.3	433.6	39,600	39,600	240
245	33.3	401.4	27,600	27,600	36.8	413.4	32,300	32,300	41.6	428.0	38,400	38,400	245
250	31.1	393.3	27,000	27,000	34.9	406.3	31,500	31,500	39.8	422.1	36,900	36,900	250
260	26.4	374.5	25,600	25,600	30.6	390.4	28,900	28,900	36.2	409.0	33,800	33,800	260
270	20.6	350.8	22,900	22,900	25.8	371.3	25,900	25,900	32.1	393.9	30,800	30,800	270
280	12.4	315.6	20,300	20,300	19.9	346.8	23,100	23,100	27.5	376.0	27,800	27,800	280
290					11.2	309.2	20,500	20,500	22.0	353.6	24,800	24,800	290
300									14.7	322.3	22,000	22,000	300
310													310
320													320
330													330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-3

ASME B30.5



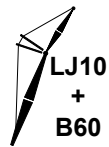
474,100 lb



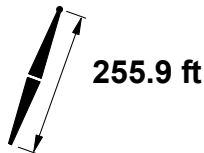
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190	63.6	483.2	43,400	43,400									190
195	62.3	480.6	43,600	43,600									195
200	61.0	477.8	43,900	43,900									200
205	59.7	474.9	44,100	44,100									205
210	58.4	471.8	44,300	44,300									210
215	57.1	468.6	44,400	44,400									215
220	55.7	465.2	44,500	44,500									220
225	54.4	461.6	44,600	44,600									225
230	53.0	457.8	44,700	44,700	58.8	465.7	39,800	39,800					230
235	51.5	453.9	44,800	44,800	57.5	462.5	40,300	40,300					235
240	50.1	449.7	44,800	44,800	56.1	459.2	40,700	40,700					240
245	48.6	445.3	44,900	44,900	54.7	455.7	41,100	41,100					245
250	47.1	440.7	44,200	44,200	53.3	451.9	41,500	41,500					250
260	43.9	430.6	41,500	41,500	50.5	443.9	39,500	42,200					260
270	40.5	419.3	38,800	38,800	47.5	435.0	36,900	42,800	53.5	443.7	29,600	36,600	270
280	36.9	406.6	35,800	35,800	44.3	425.1	34,500	42,000	50.7	435.7	27,500	37,900	280
290	32.9	391.9	32,600	32,600	41.0	414.0	32,200	39,500	47.7	426.9	25,500	39,100	290
300	28.4	374.6	29,600	29,600	37.4	401.5	30,100	36,800	44.5	417.1	23,700	39,000	300
310	23.2	353.3	26,500	26,500	33.5	387.1	28,200	33,900	41.2	406.1	21,900	38,000	310
320	16.3	324.4	23,600	23,600	29.1	370.2	26,300	30,900	37.6	393.6	20,300	36,900	320
330					23.9	349.6	24,500	27,800	33.7	379.4	18,700	34,400	330
340					17.4	322.2	22,800	24,800	29.4	362.7	17,200	31,500	340
350					5.4	269.5	21,100	22,200	24.3	342.4	15,800	28,600	350
360									17.9	315.6	14,500	25,700	360
370									7.0	267.7	13,000	23,100	370

MLC300 VPC-MAX S-3

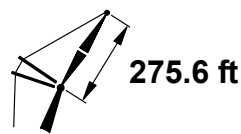
ASME B30.5



474,100 lb



255.9 ft

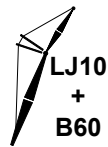


275.6 ft

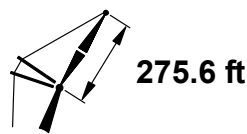
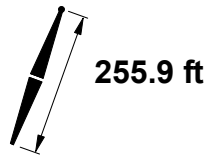
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.6	527.0	42,500	42,500									110
115	72.5	525.4	41,900	41,900									115
120	71.4	523.7	42,200	42,200									120
125	70.3	521.9	41,500	41,500									125
130	69.2	520.0	41,700	41,700	71.2	522.3	41,400	41,400					130
135	68.1	518.0	41,100	41,100	70.1	520.5	41,300	41,300					135
140	66.9	515.9	40,800	40,800	69.0	518.6	41,100	41,100					140
145	65.8	513.6	40,500	40,500	67.8	516.5	41,000	41,000					145
150	64.7	511.3	40,300	40,300	66.7	514.4	40,800	40,800					150
155	63.5	508.8	40,000	40,000	65.6	512.1	40,600	40,600	68.6	515.8	40,000	40,000	155
160	62.3	506.1	39,700	39,700	64.4	509.7	40,400	40,400	67.5	513.7	40,100	40,100	160
165	61.1	503.4	39,200	39,200	63.2	507.2	40,200	40,200	66.3	511.5	40,000	40,000	165
170	59.9	500.5	38,300	38,300	62.1	504.5	40,000	40,000	65.2	509.2	40,000	40,000	170
175	58.7	497.4	37,400	37,400	60.9	501.8	39,800	39,800	64.0	506.8	39,900	39,900	175
180	57.5	494.3	36,500	36,500	59.7	498.8	39,500	39,500	62.8	504.2	39,900	39,900	180
185	56.2	490.9	35,600	35,600	58.5	495.8	39,300	39,300	61.7	501.5	39,800	39,800	185
190	55.0	487.4	34,700	34,700	57.2	492.6	39,000	39,000	60.5	498.7	39,700	39,700	190
195	53.7	483.8	33,700	33,700	56.0	489.2	38,700	38,700	59.3	495.7	39,300	39,300	195
200	52.4	479.9	32,800	32,800	54.7	485.6	37,900	37,900	58.0	492.6	39,200	39,200	200
205	51.0	475.9	32,000	32,000	53.4	481.9	37,000	37,000	56.8	489.3	39,000	39,000	205
210	49.7	471.6	31,200	31,200	52.1	478.1	36,100	36,100	55.5	485.9	38,900	38,900	210
215	48.3	467.2	30,300	30,300	50.7	474.0	35,200	35,200	54.3	482.3	38,700	38,700	215
220	46.9	462.5	29,500	29,500	49.4	469.7	34,300	34,300	53.0	478.6	38,600	38,600	220
225	45.4	457.6	28,600	28,600	48.0	465.2	33,500	33,500	51.6	474.6	38,400	38,400	225
230	43.9	452.5	27,900	27,900	46.5	460.5	32,600	32,600	50.3	470.5	38,300	38,300	230
235	42.4	447.0	27,100	27,100	45.1	455.5	31,800	31,800	48.9	466.1	38,100	38,100	235
240	40.8	441.3	26,400	26,400	43.6	450.3	31,000	31,000	47.5	461.6	37,700	37,700	240
245	39.1	435.2	25,800	25,800	42.0	444.8	30,200	30,200	46.1	456.8	36,700	36,700	245
250	37.4	428.7	25,100	25,100	40.4	439.0	29,500	29,500	44.6	451.7	35,700	35,700	250
260	33.8	414.4	23,900	23,900	37.1	426.3	28,000	28,000	41.5	440.8	33,700	33,700	260
270	29.8	397.9	22,800	22,800	33.4	411.8	26,700	26,700	38.2	428.5	31,700	31,700	270
280	25.2	378.3	21,900	21,900	29.4	395.0	24,900	24,900	34.7	414.7	29,600	29,600	280
290	19.6	353.3	21,100	21,100	24.7	374.9	22,600	22,600	30.8	398.8	27,500	27,500	290
300	11.6	316.0	18,300	18,300	18.9	349.1	20,200	20,200	26.3	379.9	25,300	25,300	300
310					10.4	309.2	17,200	17,200	21.0	356.4	22,900	22,900	310
320									13.8	323.4	20,200	20,200	320
330													330
340													340
350													350
360													360
370													370
380													380
390													390

MLC300 VPC-MAX S-3

ASME B30.5



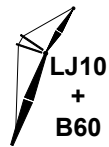
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200	63.3	500.2	36,800	36,800									200
205	62.1	497.5	37,000	37,000									205
210	60.9	494.7	37,100	37,100									210
215	59.7	491.8	37,300	37,300									215
220	58.5	488.8	37,400	37,400									220
225	57.3	485.6	37,400	37,400									225
230	56.0	482.2	37,500	37,500									230
235	54.7	478.7	37,500	37,500									235
240	53.4	475.0	37,500	37,500	58.8	482.7	33,500	33,500					240
245	52.1	471.1	37,500	37,500	57.6	479.5	33,900	33,900					245
250	50.8	467.0	37,500	37,500	56.4	476.2	34,200	34,200					250
260	48.0	458.3	37,500	37,500	53.8	469.1	34,700	34,700					260
270	45.1	448.6	37,500	37,500	51.2	461.2	35,200	35,200					270
280	42.1	437.9	37,400	37,400	48.4	452.6	33,100	35,600	54.0	460.8	26,000	30,500	280
290	38.9	425.9	37,400	37,400	45.5	443.1	30,800	35,900	51.3	453.0	24,000	31,500	290
300	35.4	412.4	35,500	37,100	42.5	432.5	28,800	36,100	48.6	444.4	22,200	32,400	300
310	31.5	396.9	33,300	35,000	39.3	420.7	26,800	36,400	45.7	435.0	20,500	33,100	310
320	27.2	378.7	31,300	32,500	35.9	407.4	25,000	36,200	42.7	424.5	18,800	33,800	320
330	22.1	356.3	29,300	29,600	32.1	392.3	23,300	35,600	39.5	412.8	17,300	32,900	330
340	15.4	325.9	26,700	26,700	27.8	374.5	21,600	33,500	36.1	399.6	15,900	32,100	340
350					22.9	352.8	20,000	30,600	32.3	384.6	14,500	31,400	350
360					16.5	323.9	18,500	27,700	28.1	367.0	13,200	30,700	360
370					4.2	265.9	16,900	25,000	23.2	345.7	11,900	30,200	370
380									17.0	317.5	10,700	28,400	380
390									6.0	265.7		25,700	390

MLC300 VPC-MAX S-3

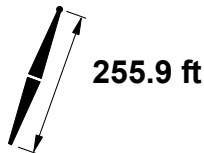
ASME B30.5



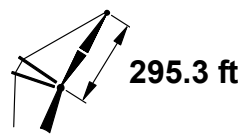
474,100 lb



360°



255.9 ft

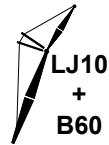


295.3 ft

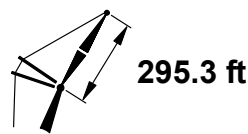
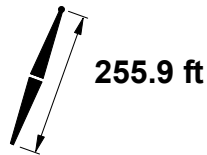
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.7	546.0	36,500	36,500									115
120	72.7	544.5	35,900	35,900									120
125	71.7	542.8	35,700	35,700									125
130	70.6	541.1	35,500	35,500									130
135	69.6	539.2	35,300	35,300	71.5	541.4	35,300	35,300					135
140	68.6	537.2	35,100	35,100	70.4	539.7	35,200	35,200					140
145	67.5	535.2	34,800	34,800	69.4	537.8	35,000	35,000					145
150	66.5	533.0	34,600	34,600	68.3	535.8	34,900	34,900					150
155	65.4	530.7	34,300	34,300	67.3	533.7	34,700	34,700					155
160	64.3	528.3	34,100	34,100	66.2	531.5	34,500	34,500					160
165	63.2	525.8	33,800	33,800	65.2	529.2	34,300	34,300	68.0	533.0	33,900	33,900	165
170	62.1	523.1	33,600	33,600	64.1	526.7	34,100	34,100	66.9	530.9	33,900	33,900	170
175	61.0	520.3	33,300	33,300	63.0	524.2	33,900	33,900	65.9	528.6	33,800	33,800	175
180	59.9	517.4	32,900	32,900	61.9	521.5	33,700	33,700	64.8	526.3	33,700	33,700	180
185	58.8	514.4	32,200	32,200	60.8	518.7	33,500	33,500	63.7	523.8	33,600	33,600	185
190	57.6	511.2	31,400	31,400	59.7	515.8	33,300	33,300	62.6	521.2	33,500	33,500	190
195	56.5	507.9	30,700	30,700	58.5	512.7	33,100	33,100	61.5	518.5	33,400	33,400	195
200	55.3	504.5	30,000	30,000	57.4	509.5	32,800	32,800	60.4	515.6	33,300	33,300	200
205	54.1	500.9	29,200	29,200	56.2	506.2	32,600	32,600	59.3	512.7	33,200	33,200	205
210	52.9	497.1	28,500	28,500	55.0	502.7	32,400	32,400	58.1	509.6	33,000	33,000	210
215	51.6	493.1	27,700	27,700	53.8	499.0	32,000	32,000	57.0	506.3	32,700	32,700	215
220	50.4	489.0	27,000	27,000	52.6	495.2	31,300	31,300	55.8	502.9	32,500	32,500	220
225	49.1	484.7	26,400	26,400	51.4	491.2	30,600	30,600	54.6	499.4	32,400	32,400	225
230	47.8	480.2	25,600	25,600	50.1	487.1	29,900	29,900	53.4	495.7	32,200	32,200	230
235	46.4	475.4	25,000	25,000	48.8	482.7	29,200	29,200	52.2	491.8	32,000	32,000	235
240	45.1	470.5	24,400	24,400	47.5	478.1	28,500	28,500	50.9	487.8	31,900	31,900	240
245	43.7	465.2	23,700	23,700	46.2	473.4	27,800	27,800	49.7	483.5	31,700	31,700	245
250	42.2	459.8	23,100	23,100	44.8	468.4	27,100	27,100	48.4	479.1	31,600	31,600	250
260	39.2	447.9	22,000	22,000	41.9	457.6	25,900	25,900	45.7	469.6	31,300	31,300	260
270	36.0	434.7	20,900	20,900	38.9	445.6	24,600	24,600	42.9	459.2	29,900	29,900	270
280	32.5	419.7	20,000	20,000	35.6	432.2	23,500	23,500	39.9	447.6	28,200	28,200	280
290	28.6	402.4	19,100	19,100	32.1	417.0	22,200	22,200	36.8	434.7	26,400	26,400	290
300	24.2	381.8	18,500	18,500	28.2	399.4	20,200	20,200	33.3	420.1	24,500	24,500	300
310	18.7	355.6	16,800	16,800	23.7	378.3	18,100	18,100	29.5	403.4	22,700	22,700	310
320	10.9	316.2	14,200	14,200	18.1	351.2	15,900	15,900	25.2	383.6	20,700	20,700	320
330					9.6	308.9	13,200	13,200	20.1	359.0	18,500	18,500	330
340									13.0	324.2	16,100	16,100	340
350													350
360													360
370													370
380													380
390													390
400													400
410													410

MLC300 VPC-MAX S-3

ASME B30.5



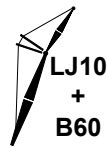
474,100 lb



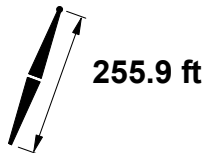
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210	63.0	517.2	30,900	30,900									210
215	61.9	514.5	31,000	31,000									215
220	60.8	511.7	31,100	31,100									220
225	59.7	508.8	31,200	31,200									225
230	58.6	505.7	31,200	31,200									230
235	57.4	502.5	31,200	31,200									235
240	56.3	499.2	31,200	31,200									240
245	55.1	495.7	31,200	31,200									245
250	53.9	492.1	31,200	31,200	58.9	499.6	27,900	27,900					250
260	51.4	484.3	31,100	31,100	56.6	493.2	28,300	28,300					260
270	48.9	475.8	31,000	31,000	54.2	486.2	28,700	28,700					270
280	46.2	466.4	30,900	30,900	51.7	478.5	29,000	29,000					280
290	43.4	456.2	30,800	30,800	49.2	470.0	29,000	29,200					290
300	40.5	444.8	30,700	30,700	46.6	460.8	26,900	29,400	51.9	470.2	20,200	25,800	300
310	37.4	432.2	30,600	30,600	43.8	450.7	25,000	29,600	49.4	461.9	18,500	26,400	310
320	34.0	418.0	29,700	30,600	40.9	439.5	23,200	29,700	46.8	452.7	16,900	27,000	320
330	30.3	401.7	27,700	29,200	37.8	427.1	21,500	29,800	44.0	442.7	15,400	27,400	330
340	26.1	382.6	25,900	26,900	34.5	413.1	19,900	30,000	41.1	431.6	14,000	27,900	340
350	21.2	359.2	24,200	24,200	30.8	397.2	18,400	30,100	38.0	419.2	12,700	27,900	350
360	14.6	327.1	21,400	21,400	26.7	378.5	16,900	28,300	34.7	405.4	11,400	27,200	360
370					21.9	355.8	15,500	26,000	31.1	389.6	10,200	26,600	370
380					15.7	325.4	14,200	23,600	27.0	371.1		26,100	380
390					2.9	260.4	12,700	21,000	22.3	348.8		25,700	390
400									16.2	319.2		24,100	400
410									5.1	262.9		21,800	410

MLC300 VPC-MAX S-3

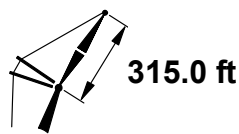
ASME B30.5



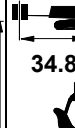
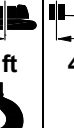
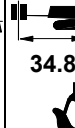
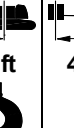
474,100 lb



255.9 ft

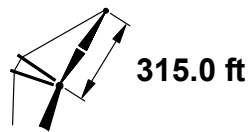
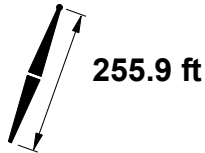
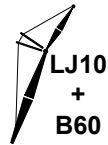


315.0 ft

	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
125	73.1	563.9	29,800	29,800									125
130	72.1	562.3	30,000	30,000									130
135	71.2	560.6	29,400	29,400									135
140	70.2	558.8	29,200	29,200	71.9	560.9	29,500	29,500					140
145	69.2	556.9	29,000	29,000	71.0	559.2	29,000	29,000					145
150	68.2	554.9	28,700	28,700	70.0	557.4	28,900	28,900					150
155	67.3	552.8	28,500	28,500	69.0	555.5	28,700	28,700					155
160	66.3	550.6	28,300	28,300	68.0	553.4	28,500	28,500					160
165	65.3	548.3	28,000	28,000	67.1	551.3	28,400	28,400					165
170	64.3	545.9	27,800	27,800	66.1	549.1	28,200	28,200	68.7	552.7	27,800	27,800	170
175	63.2	543.3	27,600	27,600	65.1	546.8	28,000	28,000	67.7	550.6	27,700	27,700	175
180	62.2	540.7	27,300	27,300	64.0	544.3	27,800	27,800	66.7	548.5	27,600	27,600	180
185	61.2	538.0	27,100	27,100	63.0	541.8	27,600	27,600	65.7	546.2	27,500	27,500	185
190	60.1	535.1	26,900	26,900	62.0	539.1	27,400	27,400	64.7	543.9	27,400	27,400	190
195	59.1	532.1	26,600	26,600	60.9	536.3	27,200	27,200	63.7	541.4	27,200	27,200	195
200	58.0	529.0	26,400	26,400	59.9	533.4	26,900	26,900	62.7	538.8	27,100	27,100	200
205	56.9	525.7	26,100	26,100	58.8	530.4	26,700	26,700	61.6	536.1	27,000	27,000	205
210	55.8	522.3	25,800	25,800	57.8	527.3	26,500	26,500	60.6	533.3	26,800	26,800	210
215	54.7	518.8	25,200	25,200	56.7	524.0	26,300	26,300	59.5	530.3	26,700	26,700	215
220	53.6	515.1	24,500	24,500	55.6	520.6	26,100	26,100	58.5	527.3	26,500	26,500	220
225	52.4	511.3	24,000	24,000	54.5	517.0	25,900	25,900	57.4	524.1	26,300	26,300	225
230	51.3	507.3	23,400	23,400	53.3	513.3	25,700	25,700	56.3	520.7	26,200	26,200	230
235	50.1	503.1	22,900	22,900	52.2	509.4	25,500	25,500	55.2	517.3	26,000	26,000	235
240	48.9	498.7	22,300	22,300	51.0	505.4	25,300	25,300	54.1	513.7	25,800	25,800	240
245	47.6	494.2	21,700	21,700	49.8	501.1	25,100	25,100	52.9	509.9	25,700	25,700	245
250	46.4	489.4	21,200	21,200	48.6	496.8	24,700	24,700	51.8	506.0	25,500	25,500	250
260	43.8	479.3	20,200	20,200	46.1	487.4	23,700	23,700	49.4	497.6	25,200	25,200	260
270	41.1	468.1	19,200	19,200	43.5	477.1	22,600	22,600	46.9	488.5	24,800	24,800	270
280	38.2	455.8	18,300	18,300	40.8	465.9	21,600	21,600	44.4	478.5	24,600	24,600	280
290	35.1	442.1	17,400	17,400	37.9	453.4	20,600	20,600	41.7	467.6	24,300	24,300	290
300	31.7	426.7	16,000	16,000	34.7	439.5	19,300	19,300	38.8	455.6	22,800	22,800	300
310	28.0	408.9	13,300	13,300	31.4	423.9	16,700	16,700	35.8	442.2	21,300	21,300	310
320	23.8	387.8	10,500	10,500	27.6	405.8	13,800	13,800	32.5	427.2	18,900	18,900	320
330					23.3	384.3	10,800	10,800	28.9	410.0	15,900	15,900	330
340									24.8	389.8	12,700	12,700	340
350													350
360													360
370													370
380													380
390													390
400													400
410													410
420													420

MLC300 VPC-MAX S-3

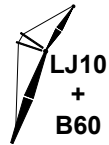
ASME B30.5



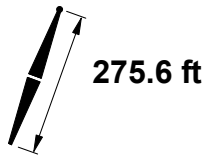
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
125													125
130													130
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140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220	63.1	534.8	25,100	25,100									220
225	62.0	532.1	25,100	25,100									225
230	61.0	529.3	25,100	25,100									230
235	59.9	526.4	25,100	25,100									235
240	58.9	523.4	25,100	25,100									240
245	57.8	520.3	25,000	25,000									245
250	56.7	517.0	25,000	25,000									250
260	54.5	510.0	24,900	24,900									260
270	52.2	502.4	24,700	24,700	57.0	511.0	22,700	22,700					270
280	49.9	494.2	24,600	24,600	54.8	504.1	22,900	22,900					280
290	47.4	485.2	24,400	24,400	52.5	496.6	23,000	23,000					290
300	44.9	475.4	24,200	24,200	50.2	488.4	23,100	23,100					300
310	42.2	464.7	24,100	24,100	47.8	479.6	23,200	23,200	52.7	488.3	17,100	20,400	310
320	39.4	452.9	23,900	23,900	45.2	469.9	21,800	23,200	50.3	480.2	15,500	20,800	320
330	36.4	439.8	23,800	23,800	42.6	459.3	20,200	23,200	47.9	471.4	14,000	21,200	330
340	33.2	425.1	21,100	21,100	39.8	447.7	18,600	23,200	45.4	461.8	12,600	21,500	340
350	29.6	408.4	18,100	18,100	36.8	434.8	17,100	23,200	42.8	451.3	11,300	21,700	350
360	25.6	388.9	14,800	14,800	33.6	420.3	15,600	22,500	40.0	439.7	10,000	21,900	360
370	20.9	365.0	11,400	11,400	30.1	403.9	14,300	19,700	37.0	426.9		22,100	370
380					26.2	384.8	13,000	16,500	33.8	412.6		22,300	380
390					21.6	361.7	11,700	12,900	30.4	396.3		20,300	390
400									26.5	377.5		17,400	400
410									21.9	354.7		14,000	410
420									16.2	324.9		10,700	420

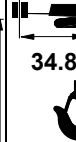
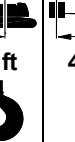
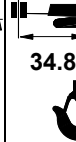
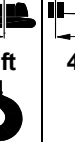
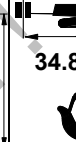
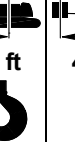
MLC300 VPC-MAX S-3

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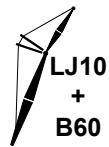
474,100 lb



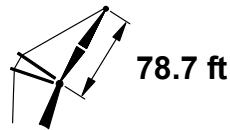
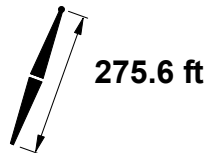
	 85°					 83°					 80°					
	 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 ft		
60	70.6	356.3	147,200 d	147,200 d											60	
65	66.6	354.2	145,600 d	145,600 d											65	
70	62.5	351.6	143,600 c	143,600 c	70.3	355.1	148,100 d	148,100 d							70	
75	58.3	348.5	140,800 b	140,800 b	66.3	352.9	147,000 d	147,000 d							75	
80	53.8	344.9	138,000 b	138,000 b	62.2	350.3	145,100 c	145,100 c							80	
85	49.0	340.6	133,000 b	133,000 b	57.9	347.2	142,800 b	142,800 b							85	
90	43.8	335.4	126,400	126,400	53.4	343.5	140,100 b	140,100 b	65.8	350.3	147,800 d	147,800 d			90	
95	38.0	329.2	120,800	120,800	48.6	339.1	136,200 b	136,200 b	61.7	347.6	146,500 c	146,500 c			95	
100	31.2	321.4	115,000	115,000	43.3	333.9	130,600	130,600	57.3	344.4	144,700 b	144,700 b			100	
105	22.5	310.6	107,300	107,300	37.5	327.6	124,400	124,400	52.8	340.7	141,500 b	141,500 b			105	
110					30.6	319.6	117,400	117,400	47.9	336.2	135,900 b	135,900 b			110	
115					21.7	308.4	110,000	110,000	42.6	330.9	130,300	130,300			115	
120									36.6	324.4	124,900	124,900			120	
125									29.6	316.1	119,500	119,500			125	
130									20.2	304.2	114,000	114,000			130	
135															135	
140															140	
145															145	
150															150	
155															155	
160															160	
165															165	
170															170	
175															175	
180															180	
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190															190	
195															195	
200															200	

MLC300 VPC-MAX S-3

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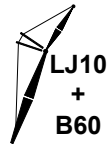
474,100 lb



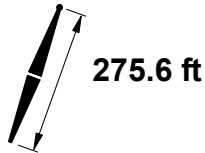
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.4	341.4	145,300 c	145,300 c									120
125	56.1	338.0	141,600 b	141,600 b									125
130	51.4	334.1	137,800 b	138,100 b									130
135	46.4	329.4	131,600	135,000									135
140	41.0	323.8	125,900	130,400									140
145	34.7	316.8	120,500	124,900	58.7	332.7	108,900 b	128,300 b					145
150	27.2	307.8	115,500	119,500	54.2	329.1	104,500 b	125,100 b					150
155	16.5	293.9	110,800	113,900	49.5	324.9	100,300 b	121,900 b					155
160					44.3	319.8	96,400	119,100					160
165					38.6	313.7	92,700	116,600					165
170					31.9	306.1	89,200	114,700					170
175					23.6	295.7	85,800	113,600	51.7	317.4	75,800 b	110,600 b	175
180					8.4	275.5	82,400	112,800	46.7	312.8	73,100	106,900	180
185									41.3	307.2	70,400	103,300	185
190									35.1	300.4	67,900	99,900	190
195									27.7	291.5	65,500	96,700	195
200									17.2	278.0	63,000	93,500	200

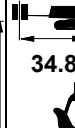
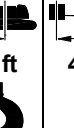
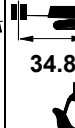
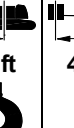
MLC300 VPC-MAX S-3

ASME B30.5



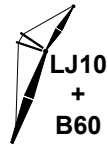
474,100 lb



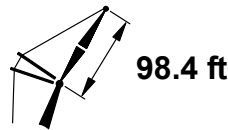
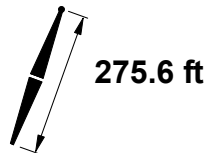
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	71.6	375.5	128,500 d	128,500 d									65
70	68.4	373.5	127,400 c	127,400 c									70
75	65.2	371.2	125,700 b	125,700 b	71.3	374.3	129,400 d	129,400 d					75
80	61.9	368.5	123,700 b	123,700 b	68.2	372.3	128,600 c	128,600 c					80
85	58.5	365.5	121,500 b	121,500 b	65.0	369.9	127,300 b	127,300 b					85
90	55.0	362.0	119,300	119,300	61.7	367.2	125,600 b	125,600 b					90
95	51.2	358.0	114,500	114,500	58.2	364.1	123,700 b	123,700 b	67.8	369.7	129,000 c	129,000 c	95
100	47.3	353.4	109,600	109,600	54.7	360.6	121,700	121,700	64.5	367.3	128,400 b	128,400 b	100
105	43.1	348.2	105,000	105,000	50.9	356.6	119,700	119,700	61.2	364.6	127,200 b	127,200 b	105
110	38.5	342.0	100,700	100,700	47.0	352.0	114,900	114,900	57.8	361.4	125,700	125,700	110
115	33.3	334.7	96,900	96,900	42.7	346.7	110,200	110,200	54.2	357.9	124,000	124,000	115
120	27.2	325.5	92,100	92,100	38.1	340.4	105,300	105,300	50.4	353.8	120,200	120,200	120
125	19.3	312.9	86,600	86,600	32.9	333.0	100,200	100,200	46.4	349.1	115,800	115,800	125
130					26.7	323.6	95,000	95,000	42.1	343.6	111,500	111,500	130
135					18.6	310.6	89,400	89,400	37.4	337.3	107,300	107,300	135
140									32.1	329.6	103,200	103,200	140
145									25.8	319.9	99,100	99,100	145
150									17.2	306.0	94,700	94,700	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

MLC300 VPC-MAX S-3

ASME B30.5



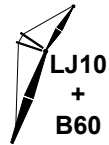
474,100 lb



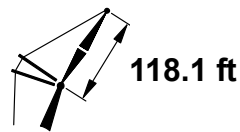
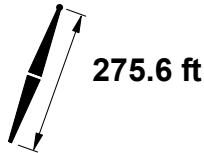
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.6	361.2	127,000 b	127,000 b									125
130	60.2	358.3	126,800 b	126,800 b									130
135	56.8	355.0	123,900	123,900									135
140	53.1	351.3	121,000	121,000									140
145	49.3	347.1	118,400	118,400									145
150	45.2	342.2	114,500	116,000									150
155	40.8	336.5	110,000	112,300	58.9	349.6	98,300	112,500					155
160	36.0	329.8	105,700	108,100	55.3	346.2	94,500	109,900					160
165	30.4	321.7	101,700	104,000	51.6	342.2	90,900	107,400					165
170	23.6	311.1	97,900	99,800	47.7	337.8	87,500	105,000					170
175	13.7	294.8	94,300	95,500	43.5	332.6	84,300	102,700					175
180					39.0	326.5	81,300	100,700					180
185					33.9	319.3	78,400	99,100	53.3	334.7	68,400	97,700	185
190					27.9	310.4	75,600	97,900	49.5	330.4	66,000	95,500	190
195					20.3	298.3	72,900	97,400	45.5	325.6	63,700	93,400	195
200					4.8	272.3	70,100	94,900	41.1	320.0	61,500	91,400	200
205									36.3	313.3	59,400	89,600	205
210									30.7	305.3	57,400	86,900	210
215									24.0	294.9	55,400	84,300	215
220									14.4	279.1	53,400	81,700	220

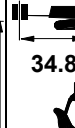
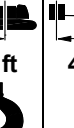
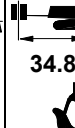
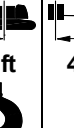
MLC300 VPC-MAX S-3

ASME B30.5



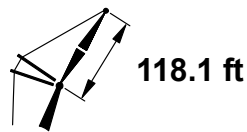
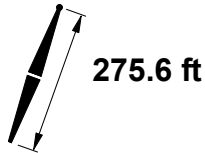
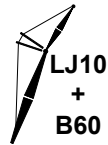
474,100 lb



	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70	72.2	394.6	113,400 c	113,400 c									70
75	69.6	392.7	112,400 b	112,400 b									75
80	67.0	390.6	111,200 b	111,200 b									80
85	64.3	388.2	109,700 b	109,700 b									85
90	61.5	385.5	108,000	108,000									90
95	58.7	382.4	106,300	106,300									95
100	55.7	379.0	102,200	102,200									100
105	52.7	375.3	98,100	98,100									105
110	49.5	371.0	94,100	94,100									110
115	46.2	366.3	90,300	90,300									115
120	42.6	360.9	86,700	86,700									120
125	38.8	354.8	83,400	83,400									125
130	34.6	347.8	80,300	80,300									130
135	29.9	339.4	77,600	77,600									135
140	24.3	329.0	75,400	75,400									140
145	16.9	314.7	71,900	71,900									145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

MLC300 VPC-MAX S-3

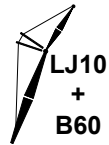
ASME B30.5



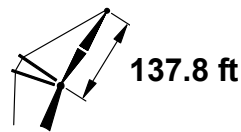
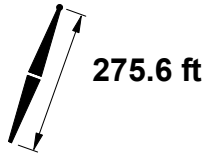
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.9	378.1	111,000	111,000									135
140	60.1	375.3	111,200	111,200									140
145	57.2	372.1	110,100	110,100									145
150	54.2	368.5	107,700	107,700									150
155	51.1	364.5	105,500	105,500									155
160	47.9	360.0	103,400	103,400									160
165	44.4	354.9	101,000	101,500	59.0	366.6	89,400	100,100					165
170	40.8	349.2	97,300	98,700	56.0	363.2	86,100	98,100					170
175	36.8	342.7	93,800	95,400	53.0	359.5	83,000	96,000					175
180	32.3	335.1	90,500	92,100	49.9	355.3	80,000	93,900					180
185	27.2	325.8	87,400	88,800	46.5	350.6	77,200	92,000					185
190	21.0	313.9	84,400	85,500	43.0	345.3	74,500	90,200					190
195	11.5	295.0	81,500	81,900	39.2	339.3	72,000	88,500	51.3	347.8	60,100	85,600	195
200					35.1	332.4	69,600	87,100	48.1	343.4	58,100	83,800	200
205					30.4	324.1	67,300	86,000	44.6	338.4	56,100	82,100	205
210					24.9	314.0	65,000	85,200	41.0	332.7	54,300	80,500	210
215					17.8	300.3	62,800	85,100					215
220									37.0	326.2	52,500	78,900	220
225									32.6	318.6	50,800	77,700	225
230									27.5	309.5	49,100	76,600	230
235									21.3	297.8	47,500	74,400	235
240									12.2	279.6	45,800	72,300	240

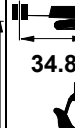
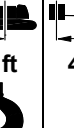
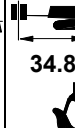
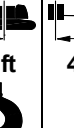
MLC300 VPC-MAX S-3

ASME B30.5



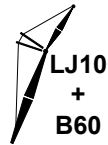
474,100 lb



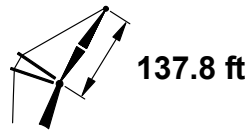
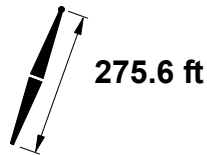
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	72.6	413.7	99,300 b	99,300 b									75
80	70.4	411.9	98,600 b	98,600 b									80
85	68.2	409.9	97,700	97,700									85
90	65.9	407.7	96,600	96,600	70.3	410.7	99,300 b	99,300 b					90
95	63.6	405.2	95,400	95,400	68.0	408.6	98,800	98,800					95
100	61.2	402.4	94,000	94,000	65.7	406.4	98,000	98,000					100
105	58.8	399.4	91,300	91,300	63.4	403.9	97,000	97,000					105
110	56.3	396.1	87,900	87,900	61.0	401.1	95,900	95,900	67.7	406.1	98,800	98,800	110
115	53.7	392.4	84,600	84,600	58.6	398.1	94,700	94,700	65.4	403.8	98,600	98,600	115
120	51.1	388.4	81,300	81,300	56.1	394.7	93,000	93,000	63.1	401.3	98,100	98,100	120
125	48.3	384.0	78,100	78,100	53.5	391.0	89,700	89,700	60.7	398.5	97,400	97,400	125
130	45.4	379.1	75,100	75,100	50.8	387.0	86,500	86,500	58.3	395.4	96,600	96,600	130
135	42.3	373.7	72,300	72,300	48.1	382.5	83,200	83,200	55.8	392.0	95,600	95,600	135
140	39.0	367.6	69,700	69,700	45.1	377.6	80,100	80,100	53.2	388.3	94,600	94,600	140
145	35.5	360.7	67,200	67,200	42.1	372.1	77,300	77,300	50.5	384.2	92,900	92,900	145
150	31.6	352.9	65,000	65,000	38.8	366.0	74,500	74,500	47.7	379.7	90,100	90,100	150
155	27.2	343.5	63,000	63,000	35.2	359.1	71,800	71,800	44.7	374.7	87,200	87,200	155
160	22.0	332.0	61,500	61,500	31.3	351.1	69,400	69,400	41.6	369.1	84,100	84,100	160
165	15.0	316.0	59,500	59,500	26.9	341.7	67,400	67,400	38.3	362.9	81,200	81,200	165
170					21.5	329.9	65,700	65,700	34.7	355.8	78,500	78,500	170
175					14.3	313.3	62,000	62,000	30.7	347.7	76,000	76,000	175
180									26.2	338.0	73,600	73,600	180
185									20.7	325.8	70,700	70,700	185
190									13.1	308.0	66,600	66,600	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-3

ASME B30.5



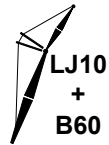
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.4	395.1	96,400	96,400									145
150	60.0	392.2	96,700	96,700									150
155	57.6	389.0	96,700	96,700									155
160	55.0	385.6	95,200	95,200									160
165	52.4	381.7	93,400	93,400									165
170	49.7	377.5	91,700	91,700									170
175	46.8	372.9	90,000	90,000									175
180	43.9	367.7	88,400	88,400	56.6	380.2	77,900	86,600					180
185	40.7	362.0	86,100	86,200	54.0	376.6	75,200	85,000					185
190	37.3	355.5	83,200	83,500	51.3	372.6	72,600	83,300					190
195	33.6	348.2	80,400	80,900	48.6	368.3	70,100	81,700					195
200	29.5	339.7	77,700	78,200	45.7	363.4	67,700	80,200					200
205	24.8	329.4	75,100	75,500	42.6	358.1	65,500	78,700					205
210	18.9	316.1	72,600	72,800	39.4	352.1	63,300	77,400	52.5	365.1	54,000	75,900	210
215	9.7	294.6	69,800	69,800	35.9	345.3	61,300	76,100	49.8	360.9	52,200	74,400	215
220					32.0	337.5	59,300	75,200	47.0	356.3	50,500	73,000	220
225					27.7	328.4	57,400	74,400	44.0	351.1	48,800	71,500	225
230					22.6	317.2	55,500	74,000	40.9	345.5	47,200	70,200	230
235					15.9	301.8	53,700	73,200	37.5	339.1	45,700	69,000	235
240									33.8	331.8	44,200	67,900	240
245									29.7	323.3	42,800	66,900	245
250									25.0	313.2	41,400	66,200	250
260									10.4	279.5	38,600	63,700	260

MLC300 VPC-MAX S-3

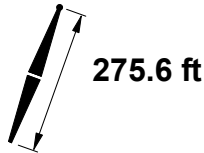
ASME B30.5



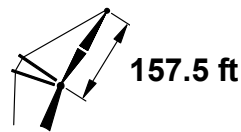
474,100 lb



360°



275.6 ft

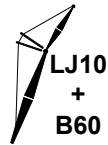


157.5 ft

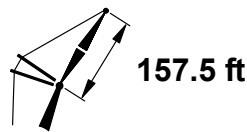
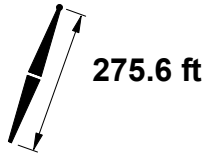
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	73.0	432.8	87,300 b	87,300 b									80
85	71.1	431.0	86,700	86,700									85
90	69.1	429.1	86,100	86,100									90
95	67.1	427.0	85,300	85,300	70.9	429.8	87,100	87,100					95
100	65.1	424.7	84,400	84,400	69.0	427.9	86,900	86,900					100
105	63.1	422.1	83,400	83,400	67.0	425.8	86,300	86,300					105
110	61.0	419.4	81,400	81,400	65.0	423.4	85,700	85,700					110
115	58.9	416.4	78,600	78,600	62.9	420.9	84,900	84,900	68.7	425.4	86,300	86,300	115
120	56.7	413.1	75,900	75,900	60.8	418.1	84,000	84,000	66.7	423.2	86,300	86,300	120
125	54.5	409.5	73,200	73,200	58.7	415.0	83,100	83,100	64.7	420.8	86,200	86,200	125
130	52.2	405.7	70,400	70,400	56.5	411.7	80,700	80,700	62.6	418.3	85,800	85,800	130
135	49.8	401.5	67,900	67,900	54.3	408.2	78,000	78,000	60.6	415.4	85,300	85,300	135
140	47.3	396.9	65,400	65,400	52.0	404.3	75,400	75,400	58.4	412.4	84,700	84,700	140
145	44.8	391.9	63,000	63,000	49.6	400.0	72,700	72,700	56.2	409.0	84,100	84,100	145
150	42.1	386.4	60,800	60,800	47.1	395.4	70,200	70,200	54.0	405.4	83,300	83,300	150
155	39.2	380.4	58,700	58,700	44.6	390.4	67,700	67,700	51.7	401.5	82,000	82,000	155
160	36.2	373.6	56,700	56,700	41.8	384.9	65,400	65,400	49.3	397.2	79,400	79,400	160
165	32.9	366.1	54,900	54,900	39.0	378.8	63,200	63,200	46.8	392.5	76,900	76,900	165
170	29.2	357.4	53,200	53,200	35.9	372.0	61,000	61,000	44.2	387.4	74,500	74,500	170
175	25.1	347.2	51,900	51,900	32.6	364.4	59,100	59,100	41.5	381.8	72,000	72,000	175
180	20.2	334.6	50,800	50,800	28.9	355.6	57,300	57,300	38.6	375.7	69,700	69,700	180
185	13.5	316.9	49,700	49,700	24.7	345.3	55,800	55,800	35.5	368.8	67,500	67,500	185
190					19.7	332.4	54,600	54,600	32.1	361.0	65,400	65,400	190
195					12.8	314.0	52,100	52,100	28.4	352.1	63,400	63,400	195
200									24.1	341.5	61,600	61,600	200
205									18.9	328.1	59,800	59,800	205
210									11.5	308.4	56,400	56,400	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

ASME B30.5



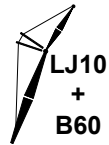
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.1	412.1	83,800	83,800									155
160	60.0	409.2	84,200	84,200									160
165	57.8	406.0	84,300	84,300									165
170	55.6	402.6	84,300	84,300									170
175	53.3	398.9	83,200	83,200									175
180	51.0	394.9	81,700	81,700									180
185	48.6	390.5	80,200	80,200									185
190	46.1	385.7	79,000	79,000	56.9	397.3	70,300	77,000					190
195	43.4	380.5	77,700	77,700	54.7	393.7	67,900	75,700					195
200	40.7	374.7	75,800	76,100	52.4	389.9	65,600	74,300					200
205	37.7	368.4	73,300	73,800	50.0	385.7	63,300	72,900					205
210	34.6	361.3	71,000	71,000	47.6	381.2	61,200	71,600					210
215	31.1	353.2	68,200	68,200	45.0	376.2	59,200	70,300					215
220	27.2	343.8	65,600	65,600	42.3	370.8	57,300	69,100	53.5	382.3	48,200	67,300	220
225	22.8	332.6	63,000	63,000	39.5	364.8	55,400	67,900	51.1	378.2	46,600	66,200	225
230	17.2	318.0	60,500	60,500	36.5	358.2	53,600	66,900	48.7	373.9	45,100	65,000	230
235	8.1	293.6	58,100	58,100	33.2	350.7	51,900	66,000	46.2	369.1	43,600	63,900	235
240					29.6	342.2	50,300	65,300	43.6	363.9	42,100	62,700	240
245					25.5	332.2	48,700	64,700	40.8	358.2	40,700	61,600	245
250					20.7	319.9	47,100	63,000	37.9	351.9	39,400	60,500	250
260									31.3	336.8	36,900	58,700	260
270									23.0	316.4	34,500	57,500	270
280									8.8	278.8	32,000	56,200	280

MLC300 VPC-MAX S-3

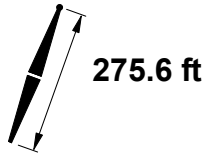
ASME B30.5



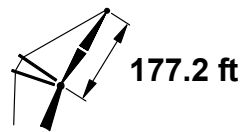
474,100 lb



360°



275.6 ft

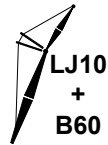


177.2 ft

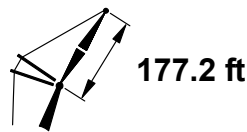
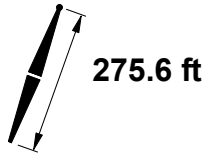
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85	73.2	451.8	76,700	76,700									85
90	71.5	450.2	76,400	76,400									90
95	69.8	448.3	75,900	75,900									95
100	68.1	446.3	75,300	75,300	71.4	448.9	76,500	76,500					100
105	66.3	444.1	74,600	74,600	69.7	447.1	76,400	76,400					105
110	64.5	441.7	73,900	73,900	67.9	445.0	76,100	76,100					110
115	62.7	439.1	72,600	72,600	66.2	442.8	75,600	75,600					115
120	60.8	436.3	70,300	70,300	64.4	440.4	75,100	75,100					120
125	58.9	433.3	68,100	68,100	62.5	437.8	74,500	74,500	67.7	442.5	75,600	75,600	125
130	57.0	430.1	65,900	65,900	60.7	435.0	73,800	73,800	65.9	440.3	75,600	75,600	130
135	55.0	426.6	63,600	63,600	58.8	432.0	72,600	72,600	64.1	437.8	75,500	75,500	135
140	53.0	422.8	61,400	61,400	56.9	428.7	70,400	70,400	62.3	435.2	75,200	75,200	140
145	50.9	418.8	59,300	59,300	54.9	425.2	68,200	68,200	60.4	432.4	74,900	74,900	145
150	48.8	414.5	57,200	57,200	52.9	421.5	66,000	66,000	58.5	429.3	74,500	74,500	150
155	46.6	409.8	55,300	55,300	50.8	417.4	63,900	63,900	56.6	426.0	74,000	74,000	155
160	44.3	404.7	53,400	53,400	48.6	413.0	61,700	61,700	54.6	422.5	73,500	73,500	160
165	41.9	399.2	51,500	51,500	46.4	408.3	59,700	59,700	52.6	418.7	72,200	72,200	165
170	39.3	393.1	49,800	49,800	44.1	403.2	57,700	57,700	50.5	414.6	70,200	70,200	170
175	36.7	386.5	48,200	48,200	41.7	397.6	55,800	55,800	48.3	410.2	68,100	68,100	175
180	33.8	379.2	46,700	46,700	39.1	391.6	54,000	54,000	46.1	405.4	66,000	66,000	180
185	30.7	371.0	45,400	45,400	36.4	384.9	52,300	52,300	43.8	400.2	64,000	64,000	185
190	27.2	361.6	44,200	44,200	33.6	377.5	50,700	50,700	41.3	394.6	62,100	62,100	190
195	23.3	350.5	43,200	43,200	30.4	369.2	49,200	49,200	38.8	388.4	60,100	60,100	195
200	18.6	336.8	42,500	42,500	27.0	359.7	47,900	47,900	36.1	381.7	58,300	58,300	200
205	12.1	317.4	41,600	41,600	23.0	348.5	46,700	46,700	33.2	374.2	56,500	56,500	205
210					18.2	334.5	45,800	45,800	30.0	365.8	54,900	54,900	210
215					11.4	314.3	43,900	43,900	26.5	356.1	53,300	53,300	215
220									22.4	344.6	51,200	51,200	220
225									17.4	330.1	49,200	49,200	225
230									10.2	308.2	47,400	47,400	230
235													235
240													240
245													245
250													250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-3

ASME B30.5



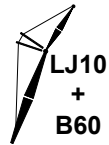
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.6	431.7	72,500	72,500									160
165	61.8	429.0	73,100	73,100									165
170	59.9	426.1	73,400	73,400									170
175	58.0	423.0	73,700	73,700									175
180	56.0	419.6	73,800	73,800									180
185	54.0	416.0	73,800	73,800									185
190	52.0	412.1	73,100	73,100									190
195	49.9	407.9	71,900	71,900									195
200	47.7	403.4	70,700	70,700	57.2	414.2	63,500	68,600					200
205	45.4	398.5	69,600	69,600	55.3	410.8	61,300	67,400					205
210	43.1	393.2	67,700	67,700	53.2	407.1	59,200	66,400					210
215	40.6	387.5	65,300	65,300	51.2	403.1	57,200	65,200					215
220	38.0	381.2	63,000	63,000	49.0	398.7	55,300	64,100					220
225	35.3	374.2	60,600	60,600	46.8	394.1	53,500	62,900					225
230	32.3	366.5	58,300	58,300	44.5	389.0	51,800	61,900					230
235	29.0	357.7	56,100	56,100	42.1	383.6	50,100	60,900	52.1	395.5	41,500	59,000	235
240	25.4	347.6	53,900	53,900	39.6	377.6	48,500	59,900	50.0	391.3	40,100	58,000	240
245	21.1	335.4	51,800	51,800	36.9	371.0	46,900	59,000	47.8	386.8	38,700	57,000	245
250	15.7	319.5	49,800	49,800	34.1	363.8	45,500	58,200	45.6	382.0	37,400	56,000	250
260					27.6	346.4	42,600	56,100	40.8	370.9	34,900	54,100	260
270					19.1	322.2	39,900	51,900	35.4	357.7	32,700	52,400	270
280									29.2	341.4	30,500	51,000	280
290									21.3	319.3	28,400	50,000	290
300									7.4	277.5	26,300	49,600	300

MLC300 VPC-MAX S-3

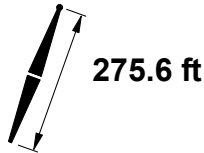
ASME B30.5



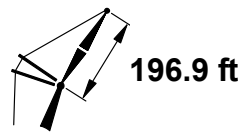
474,100 lb



360°



275.6 ft

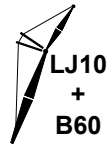


196.9 ft

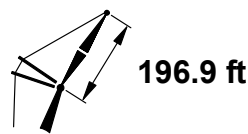
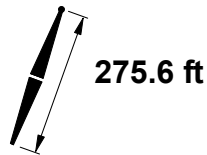
	85°				83°				80°				
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
90	73.4	470.9	67,100	67,100									90
95	71.9	469.3	66,800	66,800									95
100	70.4	467.5	66,500	66,500									100
105	68.8	465.5	66,100	66,100	71.8	468.0	66,900	66,900					105
110	67.2	463.4	65,600	65,600	70.2	466.2	66,700	66,700					110
115	65.6	461.1	65,000	65,000	68.7	464.3	66,600	66,600					115
120	64.0	458.7	64,500	64,500	67.1	462.2	66,300	66,300					120
125	62.4	456.1	63,000	63,000	65.5	459.9	65,900	65,900					125
130	60.7	453.3	61,100	61,100	63.9	457.4	65,500	65,500	68.5	461.8	65,800	65,800	130
135	59.0	450.3	59,300	59,300	62.2	454.8	65,100	65,100	66.9	459.6	65,900	65,900	135
140	57.3	447.1	57,500	57,500	60.6	452.0	64,600	64,600	65.3	457.3	65,900	65,900	140
145	55.5	443.6	55,700	55,700	58.9	449.0	63,400	63,400	63.7	454.8	65,800	65,800	145
150	53.7	440.0	53,900	53,900	57.1	445.7	61,700	61,700	62.0	452.2	65,600	65,600	150
155	51.9	436.1	52,100	52,100	55.4	442.3	59,900	59,900	60.3	449.3	65,400	65,400	155
160	50.0	431.9	50,400	50,400	53.6	438.6	58,100	58,100	58.6	446.3	65,100	65,100	160
165	48.0	427.4	48,700	48,700	51.7	434.7	56,300	56,300	56.9	443.0	64,800	64,800	165
170	46.0	422.6	47,200	47,200	49.8	430.5	54,600	54,600	55.1	439.6	64,400	64,400	170
175	43.9	417.5	45,600	45,600	47.8	426.0	52,900	52,900	53.3	435.8	63,800	63,800	175
180	41.7	411.9	44,100	44,100	45.8	421.1	51,300	51,300	51.5	431.9	62,100	62,100	180
185	39.4	405.9	42,800	42,800	43.7	416.0	49,700	49,700	49.5	427.6	60,400	60,400	185
190	37.1	399.4	41,400	41,400	41.5	410.4	48,100	48,100	47.6	423.1	58,800	58,800	190
195	34.5	392.2	40,200	40,200	39.3	404.3	46,600	46,600	45.6	418.2	57,100	57,100	195
200	31.8	384.3	39,100	39,100	36.9	397.7	45,200	45,200	43.4	413.0	55,400	55,400	200
205	28.8	375.5	38,100	38,100	34.3	390.5	43,900	43,900	41.2	407.3	53,800	53,800	205
210	25.6	365.4	37,200	37,200	31.6	382.6	42,700	42,700	38.9	401.2	52,200	52,200	210
215	21.8	353.5	36,500	36,500	28.6	373.6	41,500	41,500	36.5	394.6	50,800	50,800	215
220	17.3	338.7	36,000	36,000	25.3	363.4	40,500	40,500	34.0	387.3	49,300	49,300	220
225	10.9	317.6	34,700	34,700	21.5	351.4	39,700	39,700	31.2	379.2	48,000	48,000	225
230					16.9	336.3	39,000	39,000	28.2	370.1	46,700	46,700	230
235					10.3	314.2	36,800	36,800	24.8	359.7	45,500	45,500	235
240									20.9	347.4	44,500	44,500	240
245									16.1	331.7	43,100	43,100	245
250									9.0	307.6	40,400	40,400	250
260													260
270													270
280													280
290													290
300													300
310													310
320													320

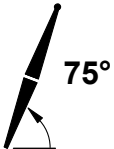
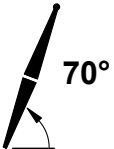
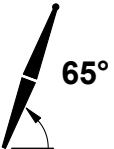
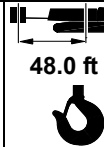
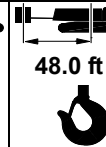
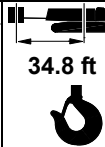
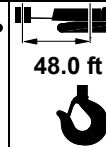
MLC300 VPC-MAX S-3

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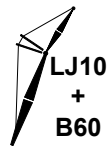
474,100 lb



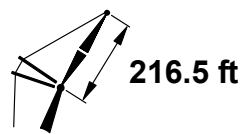
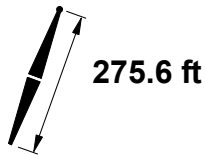
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170	63.2	448.7	63,100	63,100											170
175	61.5	446.0	63,500	63,500											175
180	59.9	443.1	63,900	63,900											180
185	58.1	440.0	64,100	64,100											185
190	56.4	436.7	64,200	64,200											190
195	54.6	433.1	64,300	64,300											195
200	52.8	429.3	64,300	64,300											200
205	50.9	425.3	64,100	64,100											205
210	49.0	421.0	63,100	63,100	57.4	431.2	57,700	60,100							210
215	47.0	416.3	62,200	62,200	55.7	427.8	55,700	60,000							215
220	45.0	411.3	61,300	61,300	53.9	424.2	53,900	59,100							220
225	42.8	406.0	60,400	60,400	52.0	420.3	52,100	58,100							225
230	40.6	400.2	59,500	59,500	50.2	416.1	50,400	57,200							230
235	38.3	394.0	57,700	57,900	48.2	411.7	48,700	56,200							235
240	35.8	387.1	56,000	56,300	46.2	406.9	47,100	55,300							240
245	33.2	379.6	54,200	54,800	44.1	401.8	45,600	54,500	52.9	412.7	37,200	52,400			245
250	30.3	371.3	52,600	53,300	41.9	396.3	44,200	53,600	51.0	408.6	35,900	51,600			250
260	23.8	351.0	49,400	50,200	37.3	383.9	41,400	52,100	47.1	399.7	33,500	50,000			260
270	14.5	320.7	46,400	46,900	32.1	369.0	38,800	50,800	42.9	389.4	31,300	48,400			270
280					25.9	350.3	36,400	50,000	38.4	377.5	29,200	46,800			280
290					17.8	324.3	34,100	49,400	33.3	363.2	27,200	45,400			290
300									27.4	345.5	25,300	44,400			300
310									19.9	321.8	23,600	43,700			310
320									6.1	275.4	21,700	44,200			320

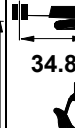
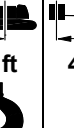
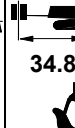
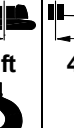
MLC300 VPC-MAX S-3

ASME B30.5



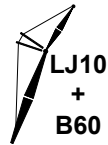
474,100 lb



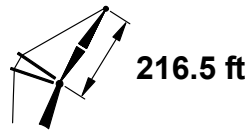
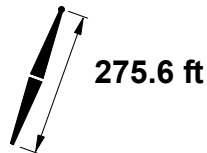
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	73.6	489.9	58,800	58,800									95
100	72.2	488.3	58,600	58,600									100
105	70.8	486.6	58,400	58,400									105
110	69.4	484.7	58,000	58,000									110
115	68.0	482.7	57,700	57,700	70.7	485.4	58,400	58,400					115
120	66.5	480.5	57,300	57,300	69.3	483.5	58,300	58,300					120
125	65.1	478.2	56,800	56,800	67.9	481.4	58,100	58,100					125
130	63.6	475.7	56,100	56,100	66.4	479.3	57,900	57,900					130
135	62.1	473.1	54,600	54,600	65.0	476.9	57,600	57,600					135
140	60.6	470.2	53,100	53,100	63.5	474.4	57,200	57,200	67.7	478.9	57,400	57,400	140
145	59.0	467.2	51,600	51,600	62.0	471.8	56,900	56,900	66.2	476.7	57,400	57,400	145
150	57.5	464.1	50,100	50,100	60.5	468.9	56,500	56,500	64.8	474.3	57,400	57,400	150
155	55.9	460.7	48,500	48,500	58.9	465.9	55,400	55,400	63.3	471.8	57,300	57,300	155
160	54.2	457.1	47,100	47,100	57.4	462.7	53,900	53,900	61.8	469.1	57,200	57,200	160
165	52.6	453.3	45,600	45,600	55.8	459.3	52,500	52,500	60.3	466.3	57,000	57,000	165
170	50.9	449.2	44,200	44,200	54.1	455.7	51,000	51,000	58.7	463.3	56,800	56,800	170
175	49.1	444.9	42,800	42,800	52.5	451.9	49,600	49,600	57.1	460.0	56,600	56,600	175
180	47.3	440.3	41,500	41,500	50.7	447.8	48,100	48,100	55.5	456.6	56,300	56,300	180
185	45.5	435.4	40,200	40,200	49.0	443.5	46,700	46,700	53.9	453.0	56,100	56,100	185
190	43.6	430.2	38,900	38,900	47.2	438.9	45,300	45,300	52.2	449.1	54,800	54,800	190
195	41.6	424.6	37,800	37,800	45.3	434.0	44,000	44,000	50.5	445.0	53,500	53,500	195
200	39.5	418.6	36,600	36,600	43.4	428.7	42,700	42,700	48.8	440.6	52,100	52,100	200
205	37.4	412.2	35,600	35,600	41.4	423.1	41,400	41,400	47.0	436.0	50,700	50,700	205
210	35.1	405.2	34,600	34,600	39.4	417.1	40,200	40,200	45.1	431.0	49,400	49,400	210
215	32.7	397.5	33,700	33,700	37.2	410.6	39,000	39,000	43.2	425.7	48,000	48,000	215
220	30.1	389.0	32,700	32,700	34.9	403.5	38,000	38,000	41.2	420.1	46,700	46,700	220
225	27.2	379.6	32,000	32,000	32.5	395.8	36,900	36,900	39.1	414.0	45,400	45,400	225
230	24.1	368.8	31,300	31,300	29.9	387.3	36,000	36,000	36.9	407.4	44,200	44,200	230
235	20.5	356.2	30,800	30,800	27.0	377.7	35,100	35,100	34.6	400.3	43,000	43,000	235
240	16.1	340.4	30,500	30,500	23.8	366.9	34,300	34,300	32.1	392.5	41,800	41,800	240
245	9.9	317.3	28,800	28,800	20.2	354.0	33,700	33,700	29.5	383.8	40,800	40,800	245
250					15.7	337.9	32,900	32,900	26.6	374.1	39,700	39,700	250
260									19.7	349.8	38,100	38,100	260
270									7.9	306.6	34,300	34,300	270
280													280
290													290
300													300
310													310
320													320
330													330
340													340

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ASME B30.5



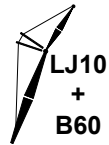
474,100 lb



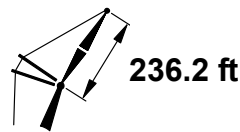
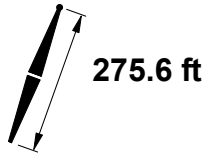
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	62.9	465.7	54,600	54,600									180
185	61.3	462.9	55,000	55,000									185
190	59.8	460.0	55,300	55,300									190
195	58.3	456.9	55,500	55,500									195
200	56.7	453.7	55,700	55,700									200
205	55.1	450.2	55,800	55,800									205
210	53.4	446.5	55,900	55,900									210
215	51.7	442.5	55,900	55,900									215
220	50.0	438.4	55,900	55,900	57.6	448.2	51,400	51,400					220
225	48.2	433.9	55,600	55,600	56.0	444.9	50,000	52,100					225
230	46.4	429.2	54,800	54,800	54.4	441.3	48,300	52,500					230
235	44.5	424.1	54,100	54,100	52.8	437.5	46,700	51,800					235
240	42.6	418.8	53,400	53,400	51.1	433.5	45,200	51,000					240
245	40.6	413.0	52,500	52,700	49.3	429.2	43,700	50,200					245
250	38.5	406.7	50,900	51,600	47.5	424.6	42,200	49,400					250
260	33.9	392.7	47,800	48,900	43.8	414.6	39,500	47,900	51.8	425.9	31,400	45,700	260
270	28.7	375.7	44,900	46,200	39.7	403.1	37,000	46,500	48.3	417.3	29,200	44,400	270
280	22.4	354.1	42,200	43,600	35.3	389.7	34,700	45,200	44.6	407.6	27,200	43,000	280
290	13.4	321.6	39,700	40,600	30.3	373.8	32,400	44,200	40.7	396.4	25,300	41,700	290
300					24.4	353.8	30,400	43,600	36.4	383.5	23,500	40,400	300
310					16.6	326.0	28,300	43,000	31.5	368.2	21,800	39,300	310
320									25.9	349.4	20,200	38,400	320
330									18.7	324.1	18,600	38,000	330
340									4.7	272.2	16,900	38,700	340

MLC300 VPC-MAX S-3

ASME B30.5



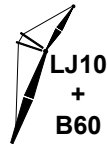
474,100 lb



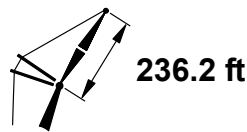
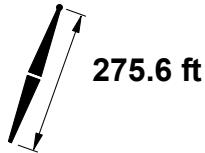
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.8	509.0	51,500	51,500									100
105	72.5	507.4	51,300	51,300									105
110	71.2	505.7	51,200	51,200									110
115	69.9	503.9	50,900	50,900									115
120	68.6	501.9	50,600	50,600	71.1	504.5	51,000	51,000					120
125	67.3	499.8	50,300	50,300	69.8	502.7	51,000	51,000					125
130	66.0	497.6	49,900	49,900	68.5	500.7	50,800	50,800					130
135	64.6	495.2	49,600	49,600	67.2	498.6	50,600	50,600					135
140	63.3	492.7	48,600	48,600	65.9	496.3	50,400	50,400					140
145	61.9	490.0	47,400	47,400	64.5	493.9	50,200	50,200	68.3	498.2	49,900	49,900	145
150	60.5	487.2	46,100	46,100	63.2	491.4	49,900	49,900	67.0	496.0	49,900	49,900	150
155	59.1	484.2	44,900	44,900	61.8	488.7	49,600	49,600	65.7	493.8	50,000	50,000	155
160	57.6	481.0	43,700	43,700	60.4	485.9	49,300	49,300	64.3	491.4	49,900	49,900	160
165	56.2	477.7	42,400	42,400	59.0	482.9	48,400	48,400	63.0	488.8	49,900	49,900	165
170	54.7	474.2	41,200	41,200	57.5	479.7	47,200	47,200	61.6	486.1	49,800	49,800	170
175	53.2	470.4	40,000	40,000	56.1	476.3	46,000	46,000	60.2	483.2	49,600	49,600	175
180	51.6	466.5	38,800	38,800	54.6	472.8	44,800	44,800	58.8	480.2	49,500	49,500	180
185	50.1	462.3	37,700	37,700	53.1	469.0	43,600	43,600	57.3	477.0	49,300	49,300	185
190	48.4	457.9	36,600	36,600	51.5	465.1	42,400	42,400	55.9	473.6	49,100	49,100	190
195	46.8	453.2	35,500	35,500	49.9	460.9	41,200	41,200	54.4	470.1	48,900	48,900	195
200	45.1	448.3	34,400	34,400	48.3	456.5	40,100	40,100	52.9	466.3	48,400	48,400	200
205	43.3	443.0	33,400	33,400	46.7	451.8	38,900	38,900	51.3	462.3	47,300	47,300	205
210	41.5	437.4	32,400	32,400	44.9	446.8	37,900	37,900	49.7	458.1	46,200	46,200	210
215	39.6	431.4	31,600	31,600	43.2	441.5	36,800	36,800	48.1	453.6	45,000	45,000	215
220	37.6	425.0	30,600	30,600	41.3	435.9	35,800	35,800	46.4	448.9	43,900	43,900	220
225	35.6	418.1	29,800	29,800	39.5	429.8	34,800	34,800	44.7	443.8	42,800	42,800	225
230	33.4	410.6	29,000	29,000	37.5	423.4	33,800	33,800	42.9	438.5	41,700	41,700	230
235	31.1	402.5	28,300	28,300	35.4	416.4	32,900	32,900	41.1	432.8	40,700	40,700	235
240	28.6	393.5	27,700	27,700	33.2	408.9	32,100	32,100	39.2	426.8	39,600	39,600	240
245	25.9	383.5	27,000	27,000	30.9	400.7	31,200	31,200	37.2	420.2	38,500	38,500	245
250	22.8	372.0	26,600	26,600	28.4	391.7	30,500	30,500	35.1	413.2	37,600	37,600	250
260	15.1	341.8	25,500	25,500	22.6	370.0	29,300	29,300	30.6	397.3	35,700	35,700	260
270					14.7	339.1	27,600	27,600	25.2	377.8	34,100	34,100	270
280									18.5	352.1	31,900	31,900	280
290									6.8	305.0	29,000	29,000	290
300													300
310													310
320													320
330													330
340													340
350													350
360													360

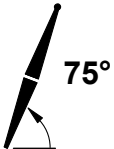
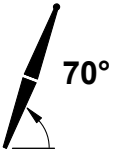
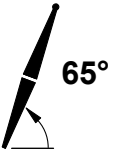
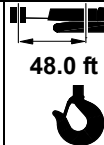
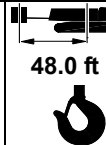
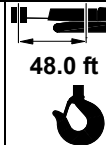
MLC300 VPC-MAX S-3

ASME B30.5



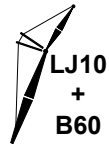
474,100 lb



	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180															180
185	63.9		485.2	46,800	46,800										185
190	62.6		482.6	47,200	47,200										190
195	61.2		479.9	47,500	47,500										195
200	59.8		477.0	47,700	47,700										200
205	58.4		473.9	47,900	47,900										205
210	56.9		470.7	48,100	48,100										210
215	55.4		467.2	48,200	48,200										215
220	53.9		463.6	48,300	48,300										220
225	52.4		459.7	48,300	48,300										225
230	50.9		455.7	48,400	48,400	57.8	465.2	44,000	44,000						230
235	49.3		451.4	48,400	48,400	56.3	461.9	44,500	44,500						235
240	47.6		446.9	48,400	48,400	54.9	458.4	43,600	45,000						240
245	45.9		442.0	48,400	48,400	53.3	454.6	42,100	45,400						245
250	44.2		436.9	47,800	47,800	51.8	450.7	40,700	45,500						250
260	40.6		425.7	45,700	45,700	48.6	442.2	38,000	44,200						260
270	36.6		412.9	42,900	42,900	45.3	432.6	35,500	42,900	52.5	443.1	27,600	40,600		270
280	32.2		397.9	40,100	40,100	41.7	421.8	33,200	41,600	49.3	434.8	25,600	39,600		280
290	27.2		379.9	37,200	37,200	37.8	409.5	31,000	40,500	46.0	425.5	23,700	38,400		290
300	21.2		356.9	34,300	34,300	33.6	395.2	29,000	39,400	42.5	415.0	22,000	37,200		300
310	12.4		322.3	31,600	31,600	28.8	378.3	27,100	38,700	38.7	403.0	20,300	36,000		310
320						23.2	357.1	25,300	36,200	34.6	389.2	18,800	34,900		320
330						15.6	327.5	23,500	33,500	30.0	373.0	17,300	34,000		330
340										24.5	353.0	15,800	33,300		340
350										17.6	326.1	14,500	33,000		350
360										3.0	266.9	13,000	32,500		360

MLC300 VPC-MAX S-3

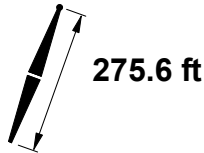
ASME B30.5



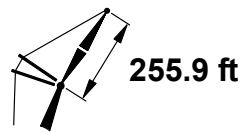
474,100 lb



360°



275.6 ft

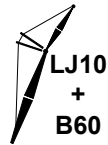


255.9 ft

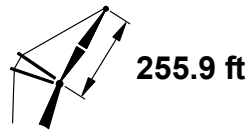
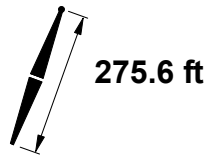
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.9	528.1	44,800	44,800									105
110	72.7	526.5	44,600	44,600									110
115	71.5	524.8	44,500	44,500									115
120	70.3	523.0	44,200	44,200									120
125	69.1	521.1	43,900	43,900	71.4	523.6	44,200	44,200					125
130	67.9	519.1	43,700	43,700	70.2	521.8	44,100	44,100					130
135	66.7	516.9	43,400	43,400	69.0	519.9	44,000	44,000					135
140	65.5	514.6	43,100	43,100	67.8	517.8	43,800	43,800					140
145	64.2	512.2	42,700	42,700	66.6	515.7	43,800	43,800					145
150	63.0	509.7	42,000	42,000	65.4	513.4	43,500	43,500	68.9	517.4	43,000	43,000	150
155	61.7	507.0	41,000	41,000	64.1	511.0	43,300	43,300	67.7	515.3	43,000	43,000	155
160	60.4	504.1	39,900	39,900	62.9	508.4	43,000	43,000	66.4	513.1	43,000	43,000	160
165	59.1	501.2	38,900	38,900	61.6	505.7	42,800	42,800	65.2	510.8	43,000	43,000	165
170	57.8	498.0	37,900	37,900	60.3	502.8	42,500	42,500	64.0	508.4	42,900	42,900	170
175	56.4	494.7	36,900	36,900	59.0	499.8	42,000	42,000	62.7	505.8	42,900	42,900	175
180	55.1	491.2	35,900	35,900	57.7	496.7	41,100	41,100	61.4	503.1	42,800	42,800	180
185	53.7	487.6	34,900	34,900	56.3	493.4	40,100	40,100	60.1	500.2	42,700	42,700	185
190	52.3	483.7	33,900	33,900	55.0	489.9	39,100	39,100	58.8	497.2	42,500	42,500	190
195	50.8	479.6	32,900	32,900	53.6	486.2	38,200	38,200	57.5	494.0	42,400	42,400	195
200	49.4	475.4	32,000	32,000	52.2	482.3	37,100	37,100	56.2	490.6	42,200	42,200	200
205	47.9	470.9	31,100	31,100	50.7	478.2	36,200	36,200	54.8	487.1	42,000	42,000	205
210	46.3	466.1	30,200	30,200	49.2	473.9	35,200	35,200	53.4	483.4	41,900	41,900	210
215	44.7	461.1	29,400	29,400	47.7	469.4	34,300	34,300	52.0	479.5	41,500	41,500	215
220	43.1	455.8	28,500	28,500	46.2	464.6	33,400	33,400	50.5	475.4	40,600	40,600	220
225	41.4	450.1	27,700	27,700	44.6	459.6	32,500	32,500	49.0	471.1	39,700	39,700	225
230	39.7	444.2	27,000	27,000	43.0	454.3	31,700	31,700	47.5	466.5	38,800	38,800	230
235	37.8	437.8	26,200	26,200	41.3	448.6	30,800	30,800	46.0	461.7	37,900	37,900	235
240	36.0	431.0	25,600	25,600	39.5	442.6	29,900	29,900	44.4	456.6	37,000	37,000	240
245	34.0	423.6	24,900	24,900	37.7	436.2	29,200	29,200	42.7	451.3	36,100	36,100	245
250	31.9	415.7	24,300	24,300	35.8	429.3	28,400	28,400	41.0	445.6	35,200	35,200	250
260	27.2	397.6	23,300	23,300	31.7	414.0	27,100	27,100	37.5	433.0	33,500	33,500	260
270	21.7	375.0	22,500	22,500	27.0	395.8	25,900	25,900	33.5	418.7	31,000	31,000	270
280	14.2	342.9	20,400	20,400	21.5	372.9	23,400	23,400	29.2	401.9	28,100	28,100	280
290					13.8	340.2	20,800	20,800	24.0	381.3	25,300	25,300	290
300									17.5	354.1	22,600	22,600	300
310									5.8	302.8	20,200	20,200	310
320													320
330													330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-3

ASME B30.5



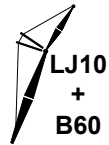
474,100 lb



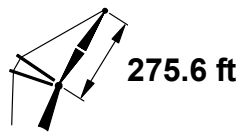
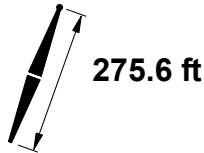
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195	63.6	502.2	40,100	40,100									195
200	62.3	499.6	40,300	40,300									200
205	61.1	496.9	40,600	40,600									205
210	59.8	493.9	40,700	40,700									210
215	58.5	490.9	40,900	40,900									215
220	57.1	487.6	41,000	41,000									220
225	55.8	484.2	41,100	41,100									225
230	54.4	480.7	41,200	41,200									230
235	53.0	476.9	41,200	41,200									235
240	51.6	473.0	41,300	41,300	57.9	482.2	37,200	37,200					240
245	50.1	468.8	41,300	41,300	56.6	478.9	37,600	37,600					245
250	48.6	464.4	41,300	41,300	55.2	475.4	38,000	38,000					250
260	45.5	454.9	41,200	41,200	52.4	467.9	36,100	38,700					260
270	42.3	444.3	38,700	38,700	49.5	459.6	33,600	39,000					270
280	38.8	432.3	36,200	36,200	46.5	450.4	31,300	37,900	53.1	460.3	23,600	34,200	280
290	35.0	418.6	33,400	33,400	43.3	440.1	29,200	36,800	50.2	452.2	21,700	34,600	290
300	30.8	402.8	30,400	30,400	39.8	428.6	27,200	35,800	47.2	443.2	20,000	33,600	300
310	26.0	383.8	27,500	27,500	36.2	415.5	25,300	34,800	44.0	433.2	18,400	32,700	310
320	20.1	359.5	24,700	24,700	32.1	400.4	23,600	32,200	40.6	421.9	16,900	31,700	320
330	11.5	322.6	22,000	22,000	27.5	382.5	21,900	29,300	37.0	409.2	15,400	30,600	330
340					22.0	360.1	20,300	26,500	33.1	394.6	14,000	29,800	340
350					14.6	328.8	18,700	23,700	28.6	377.4	12,700	29,000	350
360									23.4	356.3	11,500	27,700	360
370									16.6	327.8	10,300	24,900	370

MLC300 VPC-MAX S-3

ASME B30.5



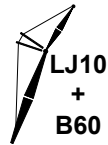
474,100 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	74.0	547.1	39,100	39,100									110
115	72.9	545.6	38,900	38,900									115
120	71.8	543.9	38,400	38,400									120
125	70.7	542.2	38,300	38,300									125
130	69.6	540.3	38,000	38,000	71.7	542.7	38,300	38,300					130
135	68.5	538.3	37,800	37,800	70.6	540.9	38,100	38,100					135
140	67.3	536.2	37,600	37,600	69.5	539.1	38,000	38,000					140
145	66.2	534.0	37,300	37,300	68.4	537.1	37,900	37,900					145
150	65.1	531.7	37,000	37,000	67.2	535.0	37,700	37,700					150
155	63.9	529.2	36,800	36,800	66.1	532.8	37,500	37,500					155
160	62.7	526.7	36,300	36,300	65.0	530.4	37,300	37,300	68.2	534.6	36,900	36,900	160
165	61.5	524.0	35,400	35,400	63.8	528.0	37,100	37,100	67.1	532.4	36,900	36,900	165
170	60.3	521.1	34,600	34,600	62.6	525.4	36,900	36,900	66.0	530.2	36,900	36,900	170
175	59.1	518.1	33,800	33,800	61.5	522.7	36,700	36,700	64.8	527.9	36,800	36,800	175
180	57.9	515.0	32,900	32,900	60.3	519.8	36,500	36,500	63.6	525.4	36,800	36,800	180
185	56.7	511.7	32,100	32,100	59.0	516.8	36,200	36,200	62.5	522.8	36,700	36,700	185
190	55.4	508.3	31,200	31,200	57.8	513.7	35,700	35,700	61.3	520.0	36,600	36,600	190
195	54.1	504.6	30,400	30,400	56.6	510.4	35,000	35,000	60.1	517.2	36,500	36,500	195
200	52.8	500.9	29,600	29,600	55.3	506.9	34,200	34,200	58.9	514.1	36,300	36,300	200
205	51.5	496.9	28,800	28,800	54.0	503.3	33,300	33,300	57.6	511.0	36,200	36,200	205
210	50.1	492.7	28,000	28,000	52.7	499.5	32,500	32,500	56.4	507.7	36,100	36,100	210
215	48.8	488.4	27,200	27,200	51.4	495.5	31,700	31,700	55.1	504.2	35,900	35,900	215
220	47.3	483.8	26,500	26,500	50.0	491.3	31,000	31,000	53.8	500.5	35,800	35,800	220
225	45.9	479.0	25,700	25,700	48.7	486.9	30,200	30,200	52.5	496.7	35,600	35,600	225
230	44.4	473.9	25,000	25,000	47.2	482.3	29,400	29,400	51.2	492.7	35,500	35,500	230
235	42.9	468.5	24,400	24,400	45.8	477.5	28,700	28,700	49.8	488.5	34,900	34,900	235
240	41.3	462.9	23,700	23,700	44.3	472.4	27,900	27,900	48.5	484.1	34,200	34,200	240
245	39.7	456.9	23,100	23,100	42.8	467.0	27,200	27,200	47.0	479.4	33,400	33,400	245
250	38.0	450.6	22,500	22,500	41.2	461.3	26,500	26,500	45.6	474.6	32,700	32,700	250
260	34.5	436.6	21,400	21,400	37.9	449.0	25,200	25,200	42.6	464.0	31,200	31,200	260
270	30.5	420.6	20,400	20,400	34.3	435.0	24,000	24,000	39.4	452.3	29,800	29,800	270
280	26.1	401.5	19,600	19,600	30.4	418.8	22,900	22,900	35.9	439.0	28,400	28,400	280
290	20.7	377.7	19,000	19,000	25.9	399.6	21,900	21,900	32.1	423.9	27,200	27,200	290
300	13.3	343.8	16,700	16,700	20.5	375.6	21,100	21,100	27.9	406.2	26,000	26,000	300
310					13.0	341.0	18,600	18,600	23.0	384.5	25,000	25,000	310
320									16.6	355.8	23,200	23,200	320
330									4.8	299.7	19,900	19,900	330
340													340
350													350
360													360
370													370
380													380
390													390

MLC300 VPC-MAX S-3

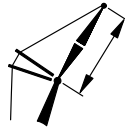
ASME B30.5



474,100 lb



275.6 ft

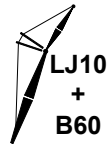


275.6 ft

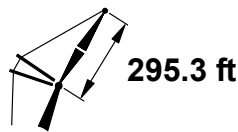
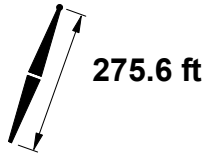
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205	63.3	519.2	34,300	34,300									205
210	62.1	516.6	34,400	34,400									210
215	60.9	513.8	34,600	34,600									215
220	59.7	510.9	34,700	34,700									220
225	58.5	507.8	34,800	34,800									225
230	57.3	504.6	34,800	34,800									230
235	56.0	501.3	34,900	34,900									235
240	54.8	497.7	34,900	34,900									240
245	53.5	494.0	35,000	35,000									245
250	52.2	490.2	35,000	35,000	58.0	499.1	31,500	31,500					250
260	49.5	481.8	35,000	35,000	55.5	492.4	32,100	32,100					260
270	46.6	472.7	34,900	34,900	53.0	485.1	32,100	32,600					270
280	43.7	462.5	34,900	34,900	50.3	477.0	29,900	33,000					280
290	40.5	451.2	34,900	34,900	47.5	468.1	27,800	33,400	53.5	477.4	20,200	28,600	290
300	37.2	438.5	33,300	34,800	44.6	458.2	25,800	32,700	50.9	469.5	18,500	29,600	300
310	33.5	424.1	31,200	33,600	41.5	447.3	23,900	31,800	48.1	460.8	16,900	29,700	310
320	29.5	407.4	29,200	31,900	38.2	435.1	22,200	30,900	45.2	451.1	15,400	28,800	320
330	24.8	387.4	27,300	30,200	34.7	421.2	20,600	30,200	42.2	440.5	14,000	27,900	330
340	19.1	361.9	25,500	28,000	30.7	405.3	19,000	29,500	39.0	428.5	12,600	27,100	340
350	10.7	322.7	23,800	25,400	26.3	386.4	17,500	29,000	35.5	415.1	11,400	26,300	350
360					21.0	362.9	16,100	28,700	31.7	399.7	10,200	25,500	360
370					13.8	329.8	14,700	26,700	27.4	381.6		24,900	370
380									22.3	359.4		24,400	380
390									15.7	329.4		24,300	390

MLC300 VPC-MAX S-3

ASME B30.5



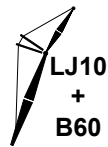
474,100 lb



85°					83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
120	73.3	565.0	32,700	32,700									120
125	72.3	563.4	32,500	32,500									125
130	71.2	561.7	32,000	32,000									130
135	70.2	559.9	32,200	32,200									135
140	69.2	558.0	31,700	31,700	71.2	560.5	32,100	32,100					140
145	68.1	556.0	31,500	31,500	70.1	558.7	31,800	31,800					145
150	67.1	553.9	31,200	31,200	69.1	556.7	31,600	31,600					150
155	66.0	551.6	31,000	31,000	68.0	554.7	31,400	31,400					155
160	64.9	549.3	30,800	30,800	67.0	552.6	31,300	31,300					160
165	63.9	546.8	30,600	30,600	65.9	550.4	31,100	31,100	69.0	554.2	30,700	30,700	165
170	62.8	544.3	30,300	30,300	64.9	548.0	30,900	30,900	67.9	552.2	30,600	30,600	170
175	61.7	541.6	30,100	30,100	63.8	545.6	30,800	30,800	66.8	550.1	30,600	30,600	175
180	60.6	538.7	29,700	29,700	62.7	543.0	30,600	30,600	65.8	547.8	30,500	30,500	180
185	59.4	535.8	29,000	29,000	61.6	540.3	30,400	30,400	64.7	545.4	30,500	30,500	185
190	58.3	532.7	28,300	28,300	60.5	537.4	30,200	30,200	63.6	543.0	30,400	30,400	190
195	57.1	529.5	27,600	27,600	59.3	534.5	30,000	30,000	62.5	540.4	30,300	30,300	195
200	56.0	526.1	26,900	26,900	58.2	531.4	29,800	29,800	61.4	537.6	30,200	30,200	200
205	54.8	522.6	26,300	26,300	57.0	528.1	29,600	29,600	60.3	534.8	30,100	30,100	205
210	53.6	518.9	25,600	25,600	55.9	524.7	29,400	29,400	59.2	531.8	29,900	29,900	210
215	52.3	515.0	25,000	25,000	54.7	521.2	28,800	28,800	58.0	528.7	29,800	29,800	215
220	51.1	511.0	24,300	24,300	53.5	517.5	28,200	28,200	56.9	525.4	29,700	29,700	220
225	49.8	506.8	23,700	23,700	52.2	513.6	27,600	27,600	55.7	522.0	29,500	29,500	225
230	48.5	502.4	23,100	23,100	51.0	509.6	26,900	26,900	54.5	518.5	29,400	29,400	230
235	47.2	497.8	22,400	22,400	49.7	505.4	26,200	26,200	53.3	514.8	29,300	29,300	235
240	45.9	493.0	21,900	21,900	48.4	501.0	25,600	25,600	52.1	510.9	29,100	29,100	240
245	44.5	487.9	21,300	21,300	47.1	496.3	25,000	25,000	50.8	506.8	29,000	29,000	245
250	43.1	482.6	20,700	20,700	45.8	491.5	24,400	24,400	49.6	502.6	28,800	28,800	250
260	40.1	471.1	19,700	19,700	43.0	481.1	23,200	23,200	46.9	493.5	28,500	28,500	260
270	37.0	458.3	18,700	18,700	40.0	469.5	22,100	22,100	44.2	483.5	27,300	27,300	270
280	33.6	443.8	17,800	17,800	36.8	456.7	21,000	21,000	41.3	472.4	26,100	26,100	280
290	29.8	427.3	17,000	17,000	33.4	442.2	20,100	20,100	38.2	460.2	25,100	25,100	290
300	25.5	407.8	16,400	16,400	29.6	425.5	19,200	19,200	34.9	446.4	24,000	24,000	300
310	20.5	383.6	14,700	14,700	25.4	405.8	18,500	18,500	31.3	430.8	23,000	23,000	310
320	13.6	349.8	12,600	12,600	20.2	381.4	16,500	16,500	27.3	412.6	21,600	21,600	320
330					13.3	347.0	14,300	14,300	22.6	390.5	19,300	19,300	330
340									16.7	361.6	17,000	17,000	340
350									6.5	310.2	14,800	14,800	350
360													360
370													370
380													380
390													390
400													400
410													410
420													420

MLC300 VPC-MAX S-3

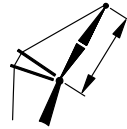
ASME B30.5



474,100 lb



275.6 ft

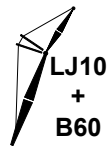


295.3 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215	63.3	536.8	28,200	28,200									215
220	62.2	534.2	28,300	28,300									220
225	61.1	531.4	28,400	28,400									225
230	60.0	528.5	28,400	28,400									230
235	58.9	525.5	28,500	28,500									235
240	57.7	522.4	28,500	28,500									240
245	56.5	519.1	28,500	28,500									245
250	55.4	515.6	28,500	28,500									250
260	53.0	508.3	28,500	28,500	58.4	516.8	25,600	25,600					260
270	50.5	500.2	28,500	28,500	56.1	510.3	26,100	26,100					270
280	47.9	491.4	28,400	28,400	53.7	503.1	26,400	26,400					280
290	45.2	481.7	28,300	28,300	51.2	495.3	26,000	26,700					290
300	42.3	471.1	28,200	28,200	48.7	486.7	24,000	26,900					300
310	39.3	459.3	28,200	28,200	46.0	477.3	22,200	27,100	51.8	487.7	15,000	23,700	310
320	36.1	446.1	27,700	28,100	43.2	466.9	20,500	27,100	49.3	479.3	13,500	24,400	320
330	32.7	431.2	25,800	26,200	40.3	455.5	18,900	26,300	46.6	470.1	12,100	24,300	330
340	28.8	414.0	24,100	24,100	37.1	442.8	17,400	25,700	43.9	460.0	10,800	23,600	340
350	24.4	393.5	21,800	21,800	33.7	428.4	15,900	25,000	41.0	448.8		22,800	350
360	19.0	367.6	19,400	19,400	30.0	412.0	14,600	24,500	37.9	436.4		22,100	360
370	11.3	329.2	17,000	17,000	25.8	392.7	13,200	23,700	34.5	422.4		21,400	370
380					20.7	368.8	12,000	21,400	30.9	406.5		20,800	380
390					14.0	335.7	10,700	19,000	26.8	387.9		20,300	390
400									22.0	365.3		19,900	400
410									15.8	335.1		19,800	410
420									3.6	273.0		18,500	420

MLC300 VPC-MAX S-3

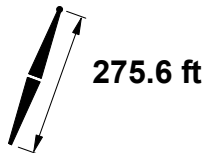
ASME B30.5



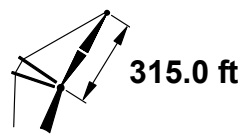
474,100 lb



360°



275.6 ft

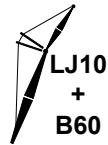


315.0 ft

	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
125	73.4	584.1	27,700	27,700									125
130	72.5	582.5	27,800	27,800									130
135	71.5	580.8	27,400	27,400									135
140	70.5	579.0	27,200	27,200									140
145	69.6	577.2	27,000	27,000	71.4	579.6	27,200	27,200					145
150	68.6	575.2	26,800	26,800	70.5	577.8	27,000	27,000					150
155	67.6	573.1	26,900	26,900	69.5	575.9	26,900	26,900					155
160	66.6	571.0	26,400	26,400	68.5	574.0	26,800	26,800					160
165	65.6	568.7	26,200	26,200	67.5	571.9	26,500	26,500					165
170	64.6	566.3	26,000	26,000	66.5	569.7	26,400	26,400					170
175	63.6	563.8	25,700	25,700	65.5	567.4	26,200	26,200	68.4	571.4	25,900	25,900	175
180	62.6	561.2	25,500	25,500	64.5	565.0	26,000	26,000	67.4	569.3	25,800	25,800	180
185	61.5	558.5	25,300	25,300	63.5	562.6	25,900	25,900	66.4	567.2	25,800	25,800	185
190	60.5	555.7	25,100	25,100	62.5	559.9	25,700	25,700	65.4	564.9	25,700	25,700	190
195	59.4	552.7	24,700	24,700	61.4	557.2	25,500	25,500	64.4	562.5	25,600	25,600	195
200	58.4	549.7	24,100	24,100	60.4	554.4	25,300	25,300	63.4	560.0	25,500	25,500	200
205	57.3	546.5	23,500	23,500	59.3	551.4	25,100	25,100	62.3	557.3	25,300	25,300	205
210	56.2	543.1	23,000	23,000	58.3	548.3	24,900	24,900	61.3	554.6	25,200	25,200	210
215	55.1	539.6	22,500	22,500	57.2	545.1	24,700	24,700	60.3	551.7	25,100	25,100	215
220	54.0	536.0	22,000	22,000	56.1	541.8	24,600	24,600	59.2	548.8	25,000	25,000	220
225	52.8	532.2	21,300	21,300	55.0	538.3	24,400	24,400	58.1	545.7	24,800	24,800	225
230	51.7	528.3	20,800	20,800	53.9	534.6	24,100	24,100	57.0	542.4	24,700	24,700	230
235	50.5	524.1	20,300	20,300	52.7	530.8	23,700	23,700	56.0	539.1	24,600	24,600	235
240	49.3	519.8	19,800	19,800	51.6	526.9	23,100	23,100	54.8	535.5	24,400	24,400	240
245	48.1	515.4	19,200	19,200	50.4	522.7	22,600	22,600	53.7	531.9	24,300	24,300	245
250	46.8	510.7	18,700	18,700	49.2	518.4	22,100	22,100	52.6	528.0	24,200	24,200	250
260	44.2	500.7	17,900	17,900	46.7	509.2	21,000	21,000	50.2	519.9	23,900	23,900	260
270	41.5	489.7	16,900	16,900	44.1	499.2	20,000	20,000	47.8	511.1	23,600	23,600	270
280	38.7	477.6	16,100	16,100	41.4	488.2	19,200	19,200	45.3	501.4	23,300	23,300	280
290	35.6	464.2	15,300	15,300	38.6	476.1	18,300	18,300	42.6	490.8	22,700	22,700	290
300	32.3	449.1	14,600	14,600	35.5	462.6	17,400	17,400	39.8	479.2	21,800	21,800	300
310	28.7	431.7	13,100	13,100	32.2	447.4	16,400	16,400	36.9	466.3	20,900	20,900	310
320	24.6	411.3	10,500	10,500	28.5	429.9	13,800	13,800	33.7	451.9	18,600	18,600	320
330					24.4	409.4	11,100	11,100	30.2	435.5	16,000	16,000	330
340									26.3	416.5	13,200	13,200	340
350									21.7	393.5	10,300	10,300	350
360													360
370													370
380													380
390													390
400													400
410													410
420													420

MLC300 VPC-MAX S-3

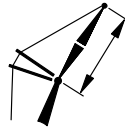
ASME B30.5



474,100 lb



275.6 ft

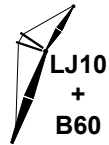


315.0 ft

	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185												185
190												190
195												195
200												200
205												205
210												210
215												215
220												220
225												225
230												230
235												235
240												240
245												245
250												250
260												260
270												270
280												280
290												290
300												300
310												310
320												320
330												330
340												340
350												350
360												360
370												370
380												380
390												390
400												400
410												410
420												420

MLC300 VPC-MAX S-3

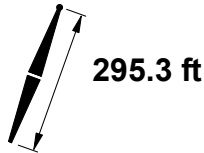
ASME B30.5



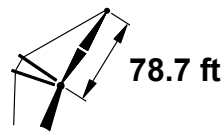
474,100 lb



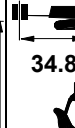
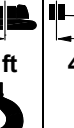
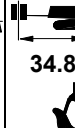
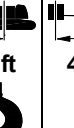
360°



295.3 ft

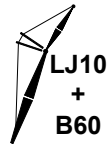


78.7 ft

	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60	71.9	376.6	120,500 d	120,500 d									60
65	68.0	374.6	119,800 d	119,800 d									65
70	64.0	372.1	118,400 d	118,400 d									70
75	59.8	369.2	116,500 c	116,500 c	68.2	373.6	120,600 d	120,600 d					75
80	55.3	365.8	114,400 b	114,400 b	64.2	371.1	119,500 d	119,500 d					80
85	50.7	361.7	112,000 b	112,000 b	60.0	368.3	117,900 c	117,900 c					85
90	45.6	356.9	110,000	110,000	55.6	364.8	115,800 b	115,800 b	68.5	371.3	120,700 d	120,700 d	90
95	40.0	351.1	108,100	108,100	50.9	360.8	113,800 b	113,800 b	64.5	368.9	120,300 d	120,300 d	95
100	33.7	343.9	102,600	102,600	45.9	356.1	111,800	111,800	60.3	366.1	119,100 c	119,100 c	100
105	25.8	334.4	96,900	96,900	40.4	350.3	110,000	110,000	55.9	362.7	117,500 b	117,500 b	105
110	13.9	318.9	90,700	90,700	34.1	343.2	104,500	104,500	51.3	358.7	115,600 b	115,600 b	110
115					26.4	333.9	98,800	98,800	46.3	354.0	113,900 b	113,900 b	115
120					14.9	319.0	92,600	92,600	40.8	348.4	112,200	112,200	120
125									34.6	341.4	109,000	109,000	125
130									27.0	332.3	103,300	103,300	130
135									16.0	318.1	96,800	96,800	135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

MLC300 VPC-MAX S-3

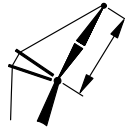
ASME B30.5



474,100 lb



295.3 ft

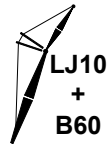


78.7 ft

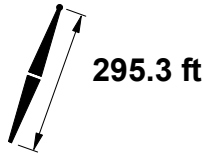
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	60.5	360.4	118,900 c	118,900 c									125
130	56.1	357.1	117,100 b	117,100 b									130
135	51.5	353.2	114,100 b	114,100 b									135
140	46.5	348.5	111,300 b	111,300 b									140
145	41.1	342.9	108,900	108,900									145
150	34.9	336.0	106,900	106,900									150
155	27.4	327.0	105,700	105,700	55.8	348.9	96,300 b	104,100 b					155
160	16.7	313.3	104,300	105,600	51.2	344.9	92,600 b	101,200 b					160
165					46.2	340.2	89,000	98,700					165
170					40.7	334.5	85,700	96,400					170
175					34.4	327.5	82,500	94,400					175
180					26.8	318.3	79,400	93,000					180
185					15.7	303.9	76,400	92,500	50.1	333.8	66,300 b	89,600 b	185
190									44.9	328.9	64,000	87,200	190
195									39.3	322.9	61,700	85,100	195
200									32.8	315.5	59,500	83,400	200
205									24.7	305.6	57,400	82,000	205
210									11.5	288.2	55,100	81,400	210

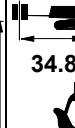
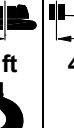
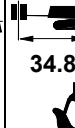
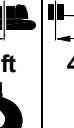
MLC300 VPC-MAX S-3

ASME B30.5



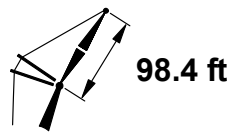
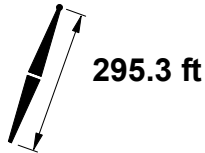
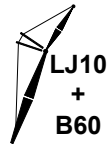
474,100 lb



	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	72.6	395.7	105,700 d	105,700 d									65
70	69.5	393.8	105,000 d	105,000 d									70
75	66.3	391.6	103,700 c	103,700 c									75
80	63.1	389.1	102,300 b	102,300 b	69.7	392.8	105,700 d	105,700 d					80
85	59.7	386.2	100,500 b	100,500 b	66.5	390.6	104,800 c	104,800 c					85
90	56.2	382.8	98,700 b	98,700 b	63.3	388.1	103,600 b	103,600 b					90
95	52.5	379.0	96,900	96,900	59.9	385.2	102,000 b	102,000 b					95
100	48.7	374.7	95,200	95,200	56.4	381.9	100,400 b	100,400 b	66.7	388.4	105,300 c	105,300 c	100
105	44.6	369.7	91,900	91,900	52.8	378.1	98,800	98,800	63.5	385.9	104,600 b	104,600 b	105
110	40.1	363.9	88,400	88,400	48.9	373.8	97,100	97,100	60.1	383.0	103,500 b	103,500 b	110
115	35.2	357.0	85,300	85,300	44.8	368.8	95,600	95,600	56.7	379.7	102,100 b	102,100 b	115
120	29.4	348.5	82,400	82,400	40.4	363.1	92,600	92,600	53.0	376.0	100,700	100,700	120
125	22.4	337.4	78,300	78,300	35.5	356.3	88,600	88,600	49.2	371.7	99,300	99,300	125
130	11.2	319.0	73,500	73,500	29.8	347.9	84,500	84,500	45.1	366.8	97,900	97,900	130
135					22.8	337.1	80,200	80,200	40.7	361.1	96,600	96,600	135
140					12.2	319.5	75,300	75,300	35.8	354.4	92,900	92,900	140
145									30.2	346.2	88,700	88,700	145
150									23.4	335.6	84,300	84,300	150
155									13.2	318.9	79,200	79,200	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

MLC300 VPC-MAX S-3

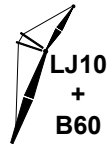
ASME B30.5



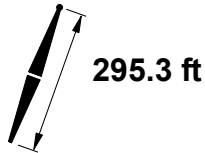
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	63.7	380.2	103,700 b	103,700 b									130
135	60.3	377.4	103,500 b	103,500 b									135
140	56.8	374.1	102,300	102,300									140
145	53.2	370.4	99,800	99,800									145
150	49.4	366.2	97,500	97,500									150
155	45.3	361.3	95,300	95,300									155
160	40.9	355.6	93,400	93,400									160
165	36.1	349.0	91,900	91,900	56.6	365.9	87,000	91,200					165
170	30.5	340.8	90,700	90,700	52.9	362.2	83,800	88,900					170
175	23.8	330.4	90,100	90,100	49.1	357.9	80,700	86,700					175
180	13.9	314.2	88,300	88,300	45.0	352.9	77,800	84,700					180
185					40.6	347.2	75,000	82,900					185
190					35.7	340.5	72,400	81,300					190
195					30.1	332.2	69,900	80,000	52.1	351.2	59,700	78,800	195
200					23.2	321.5	67,400	79,100	48.2	346.7	57,600	76,900	200
205					12.9	304.5	65,000	79,100	44.0	341.6	55,700	75,000	205
210									39.5	335.7	53,800	73,400	210
215									34.5	328.7	51,900	71,900	215
220									28.7	320.0	50,100	70,600	220
225									21.3	308.4	48,400	69,800	225
230									8.7	287.3	46,500	69,600	230

MLC300 VPC-MAX S-3

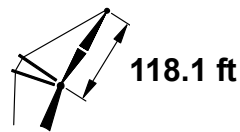
ASME B30.5



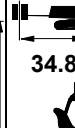
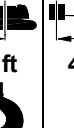
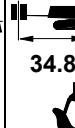
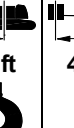
474,100 lb



295.3 ft

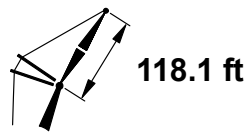
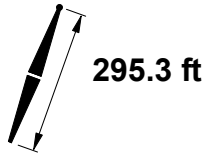
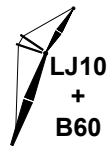


118.1 ft

	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
70	73.1	414.8	93,700 c	93,700 c									70
75	70.5	413.0	93,000 c	93,000 c									75
80	67.9	411.0	92,100 b	92,100 b									80
85	65.2	408.7	91,000 b	91,000 b	70.6	412.0	93,700 c	93,700 c					85
90	62.5	406.1	89,600	89,600	68.0	409.9	93,100 b	93,100 b					90
95	59.7	403.1	88,100	88,100	65.4	407.6	92,200 b	92,200 b					95
100	56.8	399.9	86,600	86,600	62.6	405.1	91,100	91,100					100
105	53.8	396.2	85,200	85,200	59.8	402.2	89,700	89,700	68.2	407.7	93,200 b	93,200 b	105
110	50.6	392.1	82,300	82,300	56.9	398.9	88,400	88,400	65.6	405.4	92,900 b	92,900 b	110
115	47.4	387.6	79,100	79,100	53.9	395.3	87,000	87,000	62.8	402.8	92,100	92,100	115
120	43.9	382.4	76,100	76,100	50.8	391.2	85,700	85,700	60.0	400.0	91,200	91,200	120
125	40.2	376.6	73,400	73,400	47.6	386.7	83,400	83,400	57.1	396.7	90,200	90,200	125
130	36.1	369.9	70,800	70,800	44.1	381.6	80,400	80,400	54.2	393.2	89,000	89,000	130
135	31.6	362.1	68,600	68,600	40.4	375.8	77,600	77,600	51.0	389.1	87,900	87,900	135
140	26.3	352.5	66,700	66,700	36.3	369.2	74,900	74,900	47.8	384.6	86,700	86,700	140
145	19.8	339.9	65,300	65,300	31.9	361.4	72,500	72,500	44.3	379.6	85,700	85,700	145
150	9.0	318.3	61,400	61,400	26.7	352.0	70,300	70,300	40.6	373.9	83,600	83,600	150
155					20.2	339.6	67,200	67,200	36.6	367.3	80,800	80,800	155
160					10.0	319.2	63,200	63,200	32.2	359.6	77,900	77,900	160
165									27.1	350.3	74,600	74,600	165
170									20.7	338.3	70,900	70,900	170
175									11.1	319.0	66,800	66,800	175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

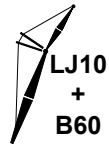
ASME B30.5



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	63.0	397.2	91,200	91,200									140
145	60.2	394.3	91,100	91,100									145
150	57.3	391.1	90,700	90,700									150
155	54.3	387.6	88,900	88,900									155
160	51.2	383.6	86,900	86,900									160
165	47.9	379.1	85,100	85,100									165
170	44.5	374.1	83,400	83,400									170
175	40.8	368.4	81,800	81,800	57.1	382.9	79,300	81,200					175
180	36.8	361.8	80,500	80,500	54.1	379.3	76,400	79,300					180
185	32.4	354.2	79,400	79,400	51.0	375.3	73,700	77,500					185
190	27.3	345.0	78,700	78,700	47.7	370.8	71,200	75,800					190
195	21.1	333.1	78,500	78,500	44.2	365.7	68,700	74,200					195
200	11.7	314.5	75,000	75,000	40.6	360.0	66,400	72,600					200
205					36.5	353.4	64,200	71,300	53.4	368.4	54,200	70,500	205
210					32.1	345.7	62,000	70,100	50.2	364.2	52,300	68,900	210
215					26.9	336.3	60,000	69,300	46.9	359.6	50,600	67,200	215
220					20.6	324.2	58,000	68,700	43.4	354.4	48,900	65,700	220
225					10.7	304.5	55,900	69,000	39.7	348.5	47,300	64,400	225
230									35.6	341.6	45,700	63,200	230
235									31.0	333.6	44,200	62,000	235
240									25.6	323.8	42,700	61,200	240
245									18.8	310.6	41,300	60,600	245
250									6.2	285.2	39,700	60,700	250

MLC300 VPC-MAX S-3

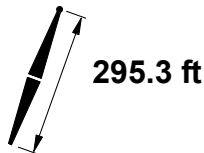
ASME B30.5



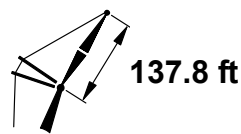
474,100 lb



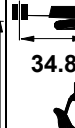
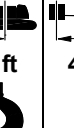
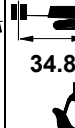
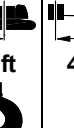
360°



295.3 ft

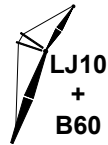


137.8 ft

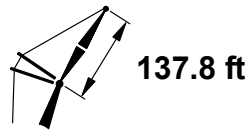
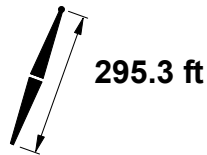
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	73.4	433.9	82,900 c	82,900 c									75
80	71.2	432.1	82,400 b	82,400 b									80
85	69.0	430.2	81,700 b	81,700 b									85
90	66.7	428.1	80,800	80,800	71.3	431.1	82,800 b	82,800 b					90
95	64.4	425.7	79,700	79,700	69.1	429.2	82,500 b	82,500 b					95
100	62.0	423.0	78,600	78,600	66.8	427.0	81,800	81,800					100
105	59.6	420.1	77,300	77,300	64.5	424.7	80,900	80,900					105
110	57.2	416.9	76,200	76,200	62.2	422.0	80,100	80,100					110
115	54.6	413.3	73,700	73,700	59.8	419.1	79,000	79,000	67.0	424.8	82,100	82,100	115
120	52.0	409.4	71,000	71,000	57.3	415.9	77,900	77,900	64.7	422.4	81,700	81,700	120
125	49.2	405.2	68,400	68,400	54.8	412.4	76,800	76,800	62.4	419.8	81,100	81,100	125
130	46.4	400.4	65,900	65,900	52.1	408.5	75,200	75,200	59.9	416.9	80,400	80,400	130
135	43.4	395.2	63,500	63,500	49.4	404.3	72,600	72,600	57.5	413.7	79,600	79,600	135
140	40.2	389.4	61,400	61,400	46.6	399.6	70,100	70,100	54.9	410.2	78,700	78,700	140
145	36.8	382.8	59,300	59,300	43.6	394.4	67,600	67,600	52.3	406.4	77,800	77,800	145
150	33.0	375.3	57,400	57,400	40.4	388.6	65,400	65,400	49.6	402.2	76,900	76,900	150
155	28.8	366.5	55,800	55,800	37.0	382.1	63,200	63,200	46.8	397.5	76,000	76,000	155
160	23.9	355.9	54,400	54,400	33.2	374.6	61,200	61,200	43.8	392.4	73,600	73,600	160
165	17.7	341.9	53,500	53,500	29.1	366.0	59,400	59,400	40.6	386.6	71,200	71,200	165
170	7.0	316.7	51,400	51,400	24.2	355.5	57,900	57,900	37.2	380.1	68,900	68,900	170
175					18.2	341.7	56,400	56,400	33.5	372.8	66,800	66,800	175
180					8.1	318.2	53,100	53,100	29.4	364.2	64,800	64,800	180
185									24.6	353.9	62,900	62,900	185
190									18.7	340.5	60,000	60,000	190
195									9.3	318.4	56,500	56,500	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-3

ASME B30.5



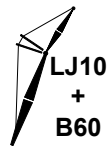
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.5	414.2	80,100	80,100									150
155	60.1	411.3	80,100	80,100									155
160	57.6	408.1	79,800	79,800									160
165	55.1	404.6	79,100	79,100									165
170	52.5	400.8	77,400	77,400									170
175	49.7	396.6	75,800	75,800									175
180	46.9	392.0	74,300	74,300									180
185	43.9	386.8	72,900	72,900	57.4	399.9	71,600	72,200					185
190	40.8	381.1	71,600	71,600	54.9	396.4	69,100	70,600					190
195	37.4	374.7	70,500	70,500	52.3	392.6	66,700	69,100					195
200	33.7	367.4	69,500	69,500	49.5	388.3	64,400	67,600					200
205	29.6	358.9	68,700	68,700	46.7	383.7	62,300	66,100					205
210	24.9	348.6	68,300	68,300	43.7	378.5	60,200	64,800					210
215	19.0	335.4	67,900	67,900	40.5	372.7	58,200	63,500					215
220	9.9	314.3	63,900	63,900	37.1	366.2	56,300	62,400	51.6	381.6	46,800	61,300	220
225					33.4	358.9	54,500	61,300	48.9	377.2	45,200	59,900	225
230					29.3	350.2	52,800	60,500	46.0	372.4	43,700	58,600	230
235					24.5	339.9	51,000	59,900	43.0	367.1	42,300	57,400	235
240					18.5	326.4	49,400	59,600	39.8	361.2	40,900	56,200	240
245					8.9	303.8	47,600	60,000	36.3	354.6	39,500	55,100	245
250									32.5	346.9	38,200	54,200	250
260									23.2	327.0	35,700	52,700	260
270									3.3	280.4	33,100	52,500	270

MLC300 VPC-MAX S-3

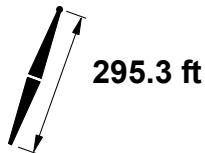
ASME B30.5



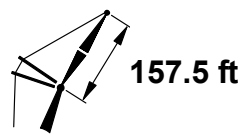
474,100 lb



360°



295.3 ft

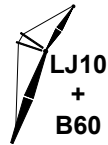


157.5 ft

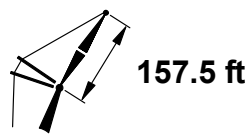
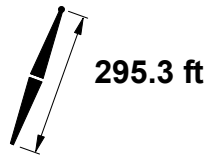
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	73.6	452.9	73,100 b	73,100 b									80
85	71.7	451.3	72,700 b	72,700 b									85
90	69.8	449.4	72,200	72,200									90
95	67.8	447.4	71,500	71,500	71.8	450.2	73,100	73,100					95
100	65.8	445.1	70,700	70,700	69.9	448.4	72,900	72,900					100
105	63.8	442.7	69,900	69,900	67.9	446.3	72,500	72,500					105
110	61.7	440.0	68,800	68,800	65.9	444.1	71,700	71,700					110
115	59.6	437.0	67,900	67,900	63.9	441.7	71,100	71,100					115
120	57.5	433.9	65,900	65,900	61.8	439.0	70,300	70,300	68.1	444.1	72,300	72,300	120
125	55.2	430.4	63,600	63,600	59.7	436.1	69,400	69,400	66.1	441.9	72,100	72,100	125
130	53.0	426.6	61,400	61,400	57.6	432.9	68,600	68,600	64.1	439.4	71,800	71,800	130
135	50.6	422.6	59,300	59,300	55.4	429.5	67,600	67,600	62.0	436.8	71,300	71,300	135
140	48.2	418.1	57,200	57,200	53.1	425.7	65,400	65,400	59.9	433.9	70,700	70,700	140
145	45.7	413.3	55,200	55,200	50.8	421.6	63,300	63,300	57.7	430.7	70,100	70,100	145
150	43.0	408.0	53,300	53,300	48.3	417.2	61,200	61,200	55.5	427.3	69,400	69,400	150
155	40.2	402.1	51,600	51,600	45.8	412.4	59,200	59,200	53.3	423.6	68,700	68,700	155
160	37.2	395.6	49,900	49,900	43.2	407.1	57,200	57,200	50.9	419.5	67,900	67,900	160
165	34.0	388.4	48,400	48,400	40.4	401.3	55,300	55,300	48.5	415.1	66,800	66,800	165
170	30.5	380.2	47,000	47,000	37.4	394.9	53,600	53,600	46.0	410.4	64,800	64,800	170
175	26.6	370.6	45,800	45,800	34.2	387.7	52,000	52,000	43.4	405.1	62,800	62,800	175
180	22.0	358.9	44,900	44,900	30.7	379.5	50,400	50,400	40.6	399.3	60,900	60,900	180
185	16.1	343.5	44,300	44,300	26.8	370.0	49,100	49,100	37.6	393.0	59,000	59,000	185
190	5.1	313.9	42,800	42,800	22.3	358.5	48,000	48,000	34.5	385.8	57,300	57,300	190
195					16.5	343.5	47,300	47,300	31.0	377.7	55,700	55,700	195
200					6.4	316.3	44,400	44,400	27.1	368.3	54,200	54,200	200
205									22.6	357.0	52,800	52,800	205
210									17.0	342.3	50,600	50,600	210
215									7.7	317.2	47,600	47,600	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

ASME B30.5



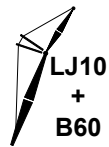
474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	62.1	431.1	70,100	70,100									160
165	60.0	428.2	70,100	70,100									165
170	57.8	425.1	70,200	70,200									170
175	55.6	421.7	70,000	70,000									175
180	53.4	418.0	68,800	68,800									180
185	51.0	414.0	67,400	67,400									185
190	48.6	409.6	66,000	66,000									190
195	46.1	404.8	64,800	64,800	57.7	416.9	63,800	63,800					195
200	43.5	399.6	63,700	63,700	55.5	413.5	62,200	62,600					200
205	40.7	393.9	62,500	62,500	53.2	409.8	60,100	61,200					205
210	37.8	387.5	61,600	61,600	50.9	405.7	58,000	60,000					210
215	34.6	380.4	60,700	60,700	48.4	401.3	56,100	58,700					215
220	31.2	372.4	60,100	60,100	45.9	396.5	54,200	57,500					220
225	27.3	363.0	59,500	59,500	43.3	391.2	52,500	56,400					225
230	22.9	351.8	59,300	59,300	40.5	385.5	50,800	55,300	52.7	398.8	41,400	54,100	230
235	17.3	337.3	57,800	57,800	37.6	379.1	49,100	54,300	50.3	394.7	40,000	53,000	235
240	8.4	313.4	54,400	54,400	34.4	371.9	47,500	53,400	47.9	390.2	38,700	51,900	240
245					30.9	363.8	46,000	52,700	45.3	385.3	37,400	50,800	245
250					27.0	354.4	44,600	52,000	42.7	379.9	36,100	49,800	250
260					16.8	328.1	41,700	51,500	36.8	367.4	33,700	47,900	260
270									30.1	351.7	31,500	46,200	270
280									21.3	329.9	29,300	45,100	280

MLC300 VPC-MAX S-3

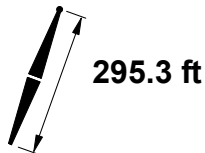
ASME B30.5



474,100 lb



360°



295.3 ft

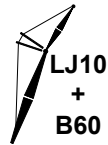


177.2 ft

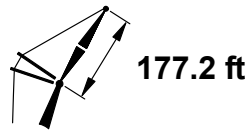
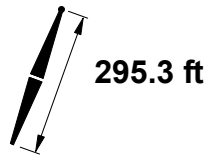
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	73.8	472.0	64,000	64,000									85
90	72.1	470.4	63,800	63,800									90
95	70.4	468.6	63,400	63,400									95
100	68.7	466.6	62,800	62,800									100
105	66.9	464.5	62,200	62,200	70.5	467.5	63,700	63,700					105
110	65.1	462.2	61,500	61,500	68.8	465.6	63,400	63,400					110
115	63.3	459.6	60,800	60,800	67.0	463.5	63,000	63,000					115
120	61.5	456.9	60,100	60,100	65.2	461.1	62,500	62,500					120
125	59.6	454.0	58,900	58,900	63.4	458.6	61,900	61,900	68.9	463.3	63,000	63,000	125
130	57.7	450.8	57,000	57,000	61.6	455.9	61,300	61,300	67.1	461.2	63,000	63,000	130
135	55.7	447.4	55,200	55,200	59.7	453.0	60,700	60,700	65.4	458.9	62,800	62,800	135
140	53.7	443.8	53,400	53,400	57.8	449.9	60,000	60,000	63.5	456.4	62,500	62,500	140
145	51.7	439.8	51,600	51,600	55.8	446.5	58,800	58,800	61.7	453.7	62,200	62,200	145
150	49.5	435.6	49,900	49,900	53.8	442.8	57,100	57,100	59.8	450.8	61,800	61,800	150
155	47.4	431.0	48,300	48,300	51.8	438.9	55,300	55,300	57.9	447.7	61,300	61,300	155
160	45.1	426.1	46,700	46,700	49.7	434.7	53,600	53,600	56.0	444.3	60,700	60,700	160
165	42.7	420.7	45,100	45,100	47.5	430.1	51,900	51,900	54.0	440.7	60,200	60,200	165
170	40.2	414.9	43,700	43,700	45.2	425.2	50,300	50,300	51.9	436.8	59,600	59,600	170
175	37.6	408.5	42,400	42,400	42.9	419.9	48,700	48,700	49.8	432.6	58,900	58,900	175
180	34.8	401.4	41,100	41,100	40.4	414.1	47,200	47,200	47.6	428.1	57,200	57,200	180
185	31.8	393.5	40,000	40,000	37.8	407.7	45,800	45,800	45.4	423.2	55,500	55,500	185
190	28.5	384.6	39,000	39,000	35.0	400.7	44,400	44,400	43.0	417.9	53,900	53,900	190
195	24.7	374.2	38,100	38,100	32.0	392.8	43,200	43,200	40.6	412.1	52,400	52,400	195
200	20.3	361.6	37,400	37,400	28.7	384.0	42,000	42,000	37.9	405.8	50,800	50,800	200
205	14.7	344.8	37,100	37,100	25.0	373.7	41,100	41,100	35.2	398.8	49,400	49,400	205
210	2.7	308.2	35,200	35,200	20.6	361.2	40,200	40,200	32.2	391.0	48,000	48,000	210
215					15.1	344.8	39,200	39,200	28.9	382.2	46,700	46,700	215
220					4.7	313.1	36,700	36,700	25.2	372.1	45,600	45,600	220
225									21.0	359.8	44,400	44,400	225
230									15.5	343.8	42,200	42,200	230
235									6.1	315.2	39,500	39,500	235
240													240
245													245
250													250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-3

ASME B30.5



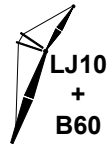
474,100 lb



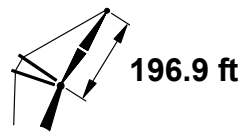
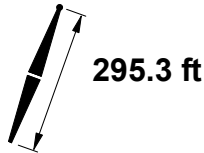
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	63.6	450.8	60,700	60,700									165
170	61.8	448.1	60,900	60,900									170
175	59.9	445.2	61,000	61,000									175
180	58.0	442.1	61,000	61,000									180
185	56.1	438.7	61,000	61,000									185
190	54.1	435.1	60,600	60,600									190
195	52.0	431.2	59,400	59,400									195
200	49.9	427.0	58,300	58,300									200
205	47.8	422.5	57,300	57,300	57.9	433.9	55,900	55,900					205
210	45.5	417.6	56,300	56,300	55.9	430.5	54,900	54,900					210
215	43.1	412.4	55,300	55,300	53.9	426.9	53,800	53,800					215
220	40.7	406.6	54,400	54,400	51.9	423.0	52,200	52,700					220
225	38.1	400.3	53,600	53,600	49.8	418.8	50,500	51,700					225
230	35.3	393.4	52,900	52,900	47.6	414.2	48,800	50,700					230
235	32.3	385.6	52,300	52,300	45.3	409.3	47,200	49,700					235
240	29.1	376.9	51,800	51,800	43.0	404.0	45,700	48,800	53.5	415.9	36,500	47,400	240
245	25.4	366.8	51,000	51,000	40.5	398.2	44,200	47,900	51.4	412.0	35,200	46,500	245
250	21.2	354.7	49,100	49,100	37.9	391.9	42,800	47,000	49.3	407.7	34,000	45,500	250
260	6.9	311.8	45,600	45,600	32.1	377.1	40,100	45,600	44.8	398.1	31,700	43,700	260
270					25.1	358.1	37,500	44,500	39.9	386.7	29,600	42,000	270
280					15.4	329.6	35,100	44,300	34.4	373.1	27,500	40,500	280
290									28.0	356.0	25,600	39,200	290
300									19.7	332.4	23,800	38,400	300

MLC300 VPC-MAX S-3

ASME B30.5



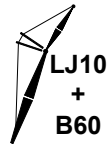
474,100 lb



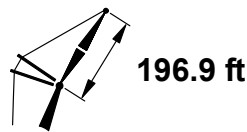
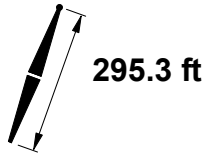
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	74.0	491.0	56,700	56,700									90
95	72.4	489.4	56,500	56,500									95
100	70.9	487.7	56,300	56,300									100
105	69.3	485.8	55,800	55,800									105
110	67.8	483.8	55,400	55,400	71.0	486.7	56,400	56,400					110
115	66.2	481.6	54,900	54,900	69.4	484.8	56,300	56,300					115
120	64.6	479.2	54,300	54,300	67.9	482.7	56,000	56,000					120
125	62.9	476.6	53,700	53,700	66.3	480.5	55,600	55,600					125
130	61.3	473.9	52,800	52,800	64.7	478.2	55,200	55,200					130
135	59.6	470.9	51,200	51,200	63.0	475.6	54,800	54,800	68.0	480.5	55,700	55,700	135
140	57.9	467.8	49,700	49,700	61.4	472.9	54,300	54,300	66.4	478.3	55,700	55,700	140
145	56.1	464.5	48,200	48,200	59.7	470.0	53,700	53,700	64.8	475.9	55,500	55,500	145
150	54.3	460.9	46,700	46,700	58.0	466.8	53,100	53,100	63.1	473.4	55,300	55,300	150
155	52.5	457.1	45,200	45,200	56.2	463.5	51,600	51,600	61.5	470.7	55,000	55,000	155
160	50.6	453.0	43,800	43,800	54.4	459.9	50,100	50,100	59.8	467.8	54,700	54,700	160
165	48.7	448.6	42,400	42,400	52.6	456.1	48,700	48,700	58.1	464.7	54,300	54,300	165
170	46.7	443.9	41,100	41,100	50.7	452.1	47,200	47,200	56.3	461.3	53,900	53,900	170
175	44.6	438.9	39,800	39,800	48.8	447.7	45,800	45,800	54.6	457.8	53,500	53,500	175
180	42.5	433.5	38,600	38,600	46.8	443.0	44,500	44,500	52.7	454.0	53,000	53,000	180
185	40.2	427.6	37,300	37,300	44.7	438.0	43,100	43,100	50.9	450.0	52,200	52,200	185
190	37.9	421.3	36,300	36,300	42.6	432.6	41,800	41,800	48.9	445.6	50,700	50,700	190
195	35.4	414.3	35,200	35,200	40.4	426.8	40,500	40,500	46.9	441.0	49,400	49,400	195
200	32.7	406.7	34,300	34,300	38.0	420.5	39,400	39,400	44.9	436.0	48,000	48,000	200
205	29.9	398.2	33,400	33,400	35.6	413.6	38,300	38,300	42.8	430.6	46,700	46,700	205
210	26.7	388.6	32,700	32,700	32.9	406.0	37,200	37,200	40.5	424.8	45,400	45,400	210
215	23.2	377.4	32,000	32,000	30.1	397.6	36,300	36,300	38.2	418.6	44,100	44,100	215
220	19.0	363.9	31,500	31,500	26.9	388.1	35,400	35,400	35.7	411.7	42,900	42,900	220
225	13.5	345.7	31,400	31,400	23.4	377.0	34,700	34,700	33.1	404.2	41,800	41,800	225
230					19.2	363.6	34,100	34,100	30.3	395.8	40,700	40,700	230
235					13.8	345.8	33,300	33,300	27.1	386.4	39,700	39,700	235
240					2.3	306.5	31,000	31,000	23.7	375.4	38,800	38,800	240
245									19.5	362.3	38,000	38,000	245
250									14.3	344.9	36,100	36,100	250
260													260
270													270
280													280
290													290
300													300
310													310
320													320

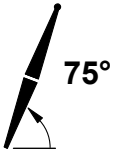
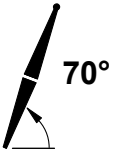
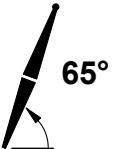
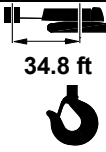
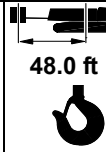
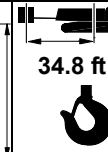
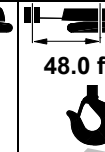
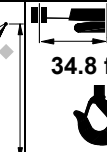
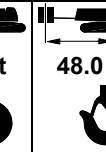
MLC300 VPC-MAX S-3

ASME B30.5



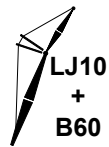
474,100 lb



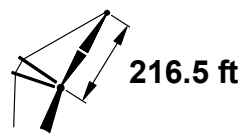
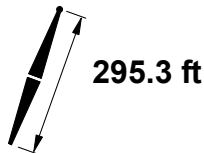
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb		 48.0 ft lb	 ft
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175	63.2	467.8	53,500	53,500											175
180	61.6	465.0	53,700	53,700											180
185	59.9	462.1	53,900	53,900											185
190	58.2	459.0	53,900	53,900											190
195	56.4	455.7	53,900	53,900											195
200	54.6	452.2	53,800	53,800											200
205	52.8	448.4	53,500	53,500											205
210	51.0	444.4	52,500	52,500											210
215	49.0	440.1	51,500	51,500	58.0	450.9	50,000	50,000							215
220	47.0	435.4	50,600	50,600	56.3	447.5	49,100	49,100							220
225	45.0	430.5	49,800	49,800	54.5	444.0	48,200	48,200							225
230	42.9	425.1	48,900	48,900	52.7	440.2	47,300	47,300							230
235	40.6	419.3	48,200	48,200	50.8	436.1	45,800	46,400							235
240	38.3	413.1	47,500	47,500	48.9	431.8	44,200	45,500							240
245	35.9	406.3	46,900	46,900	46.9	427.1	42,800	44,600							245
250	33.2	398.8	46,300	46,300	44.8	422.1	41,400	43,800							250
260	27.3	381.1	45,500	45,500	40.5	411.0	38,800	42,300	50.4	425.1	30,200	40,800			260
270	19.8	357.2	44,200	44,200	35.7	397.8	36,300	40,900	46.4	415.9	28,100	39,200			270
280	5.5	309.3	39,300	39,300	30.2	381.9	34,000	39,700	42.2	405.4	26,100	37,700			280
290					23.6	361.4	31,800	38,900	37.6	393.1	24,300	36,200			290
300					14.1	330.7	29,700	38,900	32.4	378.3	22,500	34,900			300
310									26.3	359.9	20,900	34,000			310
320									18.4	334.6	19,300	33,300			320

MLC300 VPC-MAX S-3

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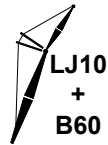
474,100 lb



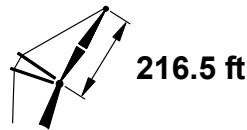
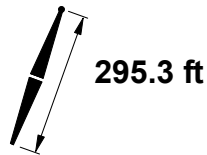
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	72.7	508.5	49,800	49,800									100
105	71.3	506.8	49,600	49,600									105
110	69.9	505.0	49,300	49,300									110
115	68.5	503.0	48,900	48,900	71.4	505.8	49,700	49,700					115
120	67.0	500.9	48,500	48,500	70.0	503.9	49,500	49,500					120
125	65.6	498.6	48,100	48,100	68.6	502.0	49,300	49,300					125
130	64.1	496.2	47,600	47,600	67.1	499.9	49,100	49,100					130
135	62.6	493.6	46,900	46,900	65.7	497.6	48,800	48,800					135
140	61.1	490.8	45,700	45,700	64.2	495.2	48,400	48,400	68.7	499.7	48,800	48,800	140
145	59.6	487.9	44,400	44,400	62.7	492.6	48,100	48,100	67.2	497.6	48,800	48,800	145
150	58.0	484.8	43,100	43,100	61.2	489.9	47,700	47,700	65.8	495.4	48,800	48,800	150
155	56.4	481.5	41,900	41,900	59.7	486.9	47,300	47,300	64.3	493.0	48,600	48,600	155
160	54.8	478.0	40,600	40,600	58.1	483.8	46,300	46,300	62.8	490.4	48,500	48,500	160
165	53.2	474.2	39,400	39,400	56.5	480.5	45,100	45,100	61.3	487.6	48,300	48,300	165
170	51.5	470.2	38,200	38,200	54.9	477.0	43,800	43,800	59.8	484.7	48,000	48,000	170
175	49.7	466.0	37,000	37,000	53.3	473.3	42,600	42,600	58.2	481.6	47,700	47,700	175
180	48.0	461.5	35,900	35,900	51.6	469.3	41,400	41,400	56.6	478.4	47,400	47,400	180
185	46.1	456.8	34,900	34,900	49.8	465.1	40,300	40,300	55.0	474.9	47,100	47,100	185
190	44.2	451.7	33,700	33,700	48.1	460.7	39,100	39,100	53.4	471.2	46,800	46,800	190
195	42.3	446.2	32,700	32,700	46.2	455.9	38,000	38,000	51.7	467.2	45,900	45,900	195
200	40.3	440.4	31,800	31,800	44.4	450.8	36,800	36,800	50.0	463.0	44,800	44,800	200
205	38.1	434.1	30,900	30,900	42.4	445.4	35,800	35,800	48.2	458.6	43,700	43,700	205
210	35.9	427.2	30,000	30,000	40.4	439.6	34,800	34,800	46.4	453.8	42,500	42,500	210
215	33.5	419.8	29,200	29,200	38.3	433.3	33,800	33,800	44.5	448.8	41,400	41,400	215
220	31.0	411.7	28,500	28,500	36.0	426.5	32,900	32,900	42.5	443.4	40,300	40,300	220
225	28.2	402.6	27,900	27,900	33.7	419.1	32,000	32,000	40.5	437.6	39,200	39,200	225
230	25.2	392.3	27,300	27,300	31.1	411.0	31,300	31,300	38.4	431.3	38,200	38,200	230
235	21.8	380.4	26,800	26,800	28.4	402.0	30,500	30,500	36.2	424.6	37,200	37,200	235
240	17.7	365.9	26,500	26,500	25.4	391.8	29,800	29,800	33.8	417.3	36,300	36,300	240
245	12.4	346.3	26,300	26,300	22.0	380.0	29,200	29,200	31.3	409.2	35,400	35,400	245
250					18.0	365.7	28,900	28,900	28.6	400.3	34,500	34,500	250
260									22.3	378.5	33,000	33,000	260
270									13.2	345.8	30,400	30,400	270
280													280
290													290
300													300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-3

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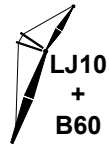
474,100 lb



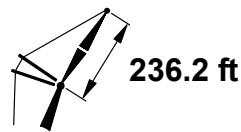
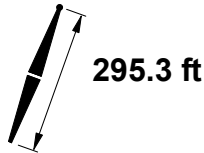
75°					70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185	62.9	484.7	46,600	46,600									185
190	61.4	482.0	46,800	46,800									190
195	59.8	479.1	47,000	47,000									195
200	58.3	476.0	47,100	47,100									200
205	56.7	472.7	47,100	47,100									205
210	55.1	469.3	47,100	47,100									210
215	53.5	465.6	47,000	47,000									215
220	51.8	461.6	46,600	46,600									220
225	50.1	457.5	45,800	45,800	58.2	467.8	43,900	43,900					225
230	48.3	453.0	45,000	45,000	56.6	464.5	43,400	43,400					230
235	46.5	448.3	44,200	44,200	55.0	461.0	42,600	42,600					235
240	44.6	443.3	43,500	43,500	53.3	457.3	41,900	41,900					240
245	42.6	437.9	42,800	42,800	51.7	453.4	40,800	41,000					245
250	40.6	432.1	42,100	42,100	49.9	449.2	39,400	40,300					250
260	36.3	419.2	41,000	41,000	46.3	440.0	36,800	38,700					260
270	31.4	403.8	40,000	40,000	42.5	429.5	34,400	37,300	51.3	442.4	26,000	35,800	270
280	25.8	384.9	39,400	39,400	38.3	417.5	32,200	36,000	47.7	433.6	24,100	34,400	280
290	18.5	359.4	37,900	37,900	33.8	403.3	30,100	34,900	44.0	423.6	22,300	33,000	290
300	3.9	305.4	33,500	33,500	28.5	386.3	28,100	34,000	40.0	412.2	20,600	31,700	300
310					22.2	364.5	26,200	33,400	35.6	399.0	19,000	30,600	310
320					13.1	331.5	24,300	33,500	30.7	383.2	17,500	29,600	320
330									24.8	363.6	16,100	28,700	330
340									17.2	336.5	14,600	28,300	340

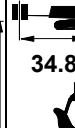
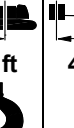
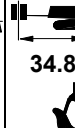
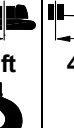
MLC300 VPC-MAX S-3

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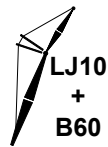
474,100 lb



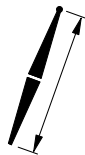
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	72.9	527.6	43,900	43,900									105
110	71.6	525.9	43,700	43,700									110
115	70.4	524.1	43,500	43,500									115
120	69.1	522.2	43,200	43,200	71.7	524.9	43,700	43,700					120
125	67.7	520.2	42,800	42,800	70.4	523.1	43,600	43,600					125
130	66.4	518.0	42,500	42,500	69.1	521.2	43,400	43,400					130
135	65.1	515.7	42,100	42,100	67.8	519.1	43,200	43,200					135
140	63.7	513.2	41,800	41,800	66.5	517.0	43,000	43,000					140
145	62.4	510.6	40,700	40,700	65.2	514.6	42,700	42,700					145
150	61.0	507.8	39,600	39,600	63.8	512.2	42,500	42,500	67.9	516.9	42,700	42,700	150
155	59.6	504.9	38,600	38,600	62.4	509.6	42,200	42,200	66.6	514.7	42,700	42,700	155
160	58.1	501.8	37,500	37,500	61.1	506.8	41,800	41,800	65.3	512.4	42,700	42,700	160
165	56.7	498.5	36,500	36,500	59.7	503.9	41,400	41,400	63.9	510.0	42,600	42,600	165
170	55.2	495.0	35,400	35,400	58.2	500.8	40,400	40,400	62.5	507.4	42,500	42,500	170
175	53.7	491.3	34,400	34,400	56.8	497.5	39,400	39,400	61.2	504.6	42,300	42,300	175
180	52.2	487.5	33,400	33,400	55.3	494.1	38,300	38,300	59.8	501.7	42,100	42,100	180
185	50.6	483.4	32,400	32,400	53.8	490.4	37,300	37,300	58.3	498.6	41,900	41,900	185
190	49.0	479.1	31,500	31,500	52.3	486.6	36,400	36,400	56.9	495.4	41,600	41,600	190
195	47.4	474.5	30,500	30,500	50.7	482.5	35,400	35,400	55.4	491.9	41,400	41,400	195
200	45.7	469.6	29,700	29,700	49.1	478.2	34,400	34,400	53.9	488.3	41,100	41,100	200
205	43.9	464.5	28,800	28,800	47.5	473.6	33,500	33,500	52.4	484.4	40,500	40,500	205
210	42.1	459.0	28,000	28,000	45.8	468.8	32,500	32,500	50.8	480.4	39,600	39,600	210
215	40.3	453.1	27,200	27,200	44.0	463.6	31,700	31,700	49.2	476.1	38,600	38,600	215
220	38.3	446.8	26,400	26,400	42.2	458.1	30,800	30,800	47.6	471.5	37,700	37,700	220
225	36.3	440.1	25,700	25,700	40.4	452.3	29,900	29,900	45.9	466.7	36,700	36,700	225
230	34.1	432.8	25,000	25,000	38.4	446.1	29,100	29,100	44.2	461.6	35,800	35,800	230
235	31.9	424.9	24,500	24,500	36.4	439.4	28,300	28,300	42.4	456.1	34,900	34,900	235
240	29.4	416.3	23,900	23,900	34.3	432.1	27,600	27,600	40.5	450.3	34,000	34,000	240
245	26.8	406.6	23,400	23,400	32.0	424.3	27,000	27,000	38.6	444.1	33,200	33,200	245
250	23.9	395.8	23,000	23,000	29.6	415.7	26,300	26,300	36.6	437.5	32,300	32,300	250
260	16.7	367.7	22,400	22,400	24.1	395.3	25,200	25,200	32.2	422.5	30,800	30,800	260
270					16.9	367.6	24,600	24,600	27.2	404.4	29,400	29,400	270
280									21.1	381.3	28,300	28,300	280
290									12.2	346.4	25,500	25,500	290
300													300
310													310
320													320
330													330
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360													360

MLC300 VPC-MAX S-3

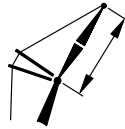
ASME B30.5



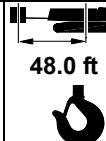
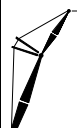
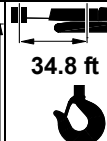
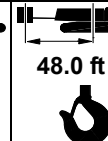
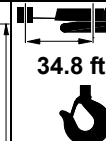
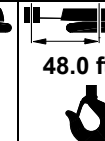
474,100 lb



295.3 ft

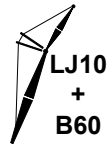


236.2 ft

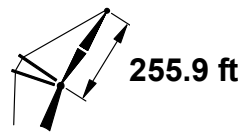
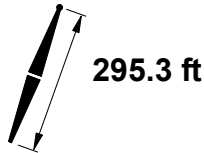
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb		 48.0 ft lb	 ft
105															105
110															110
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180															180
185															185
190	64.0	504.3	40,300	40,300											190
195	62.6	501.7	40,600	40,600											195
200	61.2	499.0	40,800	40,800											200
205	59.8	496.1	40,900	40,900											205
210	58.4	493.0	41,000	41,000											210
215	56.9	489.7	41,100	41,100											215
220	55.5	486.3	41,100	41,100											220
225	54.0	482.7	41,100	41,100											225
230	52.5	478.8	41,000	41,000											230
235	50.9	474.8	40,700	40,700	58.3	484.8	37,800	37,800							235
240	49.3	470.5	40,100	40,100	56.8	481.5	38,200	38,200							240
245	47.7	466.0	39,400	39,400	55.4	478.1	37,700	37,700							245
250	46.0	461.2	38,700	38,700	53.9	474.4	37,100	37,100							250
260	42.4	450.6	37,500	37,500	50.8	466.5	35,300	35,700							260
270	38.7	438.7	36,400	36,400	47.5	457.7	32,900	34,400							270
280	34.5	424.8	35,500	35,500	44.1	447.7	30,700	33,100	52.0	459.6	22,500	31,400			280
290	29.9	408.5	34,700	34,700	40.5	436.5	28,600	31,900	48.8	451.1	20,700	30,300			290
300	24.4	388.5	34,300	34,300	36.5	423.6	26,700	30,800	45.5	441.6	19,000	29,100			300
310	17.4	361.4	32,000	32,000	32.1	408.5	24,800	29,900	41.9	430.9	17,500	27,900			310
320	1.4	296.3	28,600	28,600	27.1	390.4	23,100	29,100	38.1	418.7	16,000	26,800			320
330					21.0	367.3	21,400	28,700	33.9	404.5	14,600	25,800			330
340					12.1	332.0	19,800	28,900	29.1	387.8	13,300	25,000			340
350									23.5	366.9	12,000	24,300			350
360									16.1	338.1	10,800	24,000			360

MLC300 VPC-MAX S-3

ASME B30.5



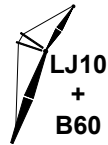
474,100 lb



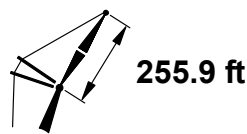
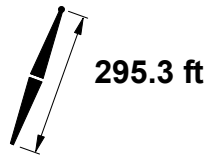
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.1	546.7	38,300	38,300									110
115	71.9	545.0	38,200	38,200									115
120	70.7	543.3	38,000	38,000									120
125	69.5	541.4	37,800	37,800	72.0	544.0	38,100	38,100					125
130	68.3	539.4	37,500	37,500	70.8	542.2	38,000	38,000					130
135	67.1	537.3	37,200	37,200	69.6	540.4	37,900	37,900					135
140	65.9	535.1	36,900	36,900	68.4	538.4	37,800	37,800					140
145	64.7	532.7	36,600	36,600	67.2	536.3	37,600	37,600					145
150	63.4	530.2	35,800	35,800	66.0	534.0	37,400	37,400					150
155	62.1	527.5	35,000	35,000	64.7	531.7	37,200	37,200	68.5	536.1	37,100	37,100	155
160	60.9	524.8	34,100	34,100	63.5	529.2	36,900	36,900	67.3	534.0	37,100	37,100	160
165	59.6	521.8	33,300	33,300	62.2	526.5	36,700	36,700	66.1	531.8	37,100	37,100	165
170	58.2	518.7	32,400	32,400	60.9	523.8	36,400	36,400	64.8	529.4	37,100	37,100	170
175	56.9	515.5	31,500	31,500	59.6	520.8	35,800	35,800	63.6	527.0	37,000	37,000	175
180	55.6	512.0	30,700	30,700	58.3	517.8	35,000	35,000	62.3	524.3	36,800	36,800	180
185	54.2	508.4	29,800	29,800	57.0	514.5	34,100	34,100	61.0	521.6	36,700	36,700	185
190	52.8	504.6	28,900	28,900	55.6	511.1	33,300	33,300	59.7	518.6	36,600	36,600	190
195	51.3	500.7	28,100	28,100	54.3	507.5	32,400	32,400	58.4	515.6	36,400	36,400	195
200	49.9	496.5	27,300	27,300	52.9	503.7	31,600	31,600	57.1	512.3	36,200	36,200	200
205	48.4	492.0	26,600	26,600	51.4	499.7	30,800	30,800	55.7	508.9	36,000	36,000	205
210	46.8	487.4	25,800	25,800	50.0	495.6	30,000	30,000	54.4	505.4	35,800	35,800	210
215	45.3	482.4	25,100	25,100	48.5	491.1	29,200	29,200	52.9	501.6	35,400	35,400	215
220	43.7	477.2	24,400	24,400	46.9	486.5	28,400	28,400	51.5	497.6	34,600	34,600	220
225	42.0	471.7	23,700	23,700	45.4	481.6	27,700	27,700	50.1	493.5	33,800	33,800	225
230	40.3	465.9	23,100	23,100	43.8	476.4	27,000	27,000	48.6	489.1	33,000	33,000	230
235	38.5	459.6	22,400	22,400	42.1	470.9	26,200	26,200	47.0	484.4	32,300	32,300	235
240	36.6	453.0	21,900	21,900	40.4	465.1	25,500	25,500	45.5	479.5	31,500	31,500	240
245	34.7	445.8	21,300	21,300	38.6	458.9	24,800	24,800	43.9	474.4	30,800	30,800	245
250	32.6	438.1	20,700	20,700	36.7	452.2	24,200	24,200	42.2	468.9	30,000	30,000	250
260	28.1	420.6	19,800	19,800	32.7	437.4	23,000	23,000	38.7	456.9	28,600	28,600	260
270	22.7	398.9	19,100	19,100	28.2	420.0	22,100	22,100	34.9	443.2	27,200	27,200	270
280	15.7	369.2	18,600	18,600	22.9	398.5	21,200	21,200	30.7	427.3	26,000	26,000	280
290					16.0	369.2	20,000	20,000	25.9	408.3	24,900	24,900	290
300									20.0	383.9	22,700	22,700	300
310									11.4	346.7	20,400	20,400	310
320													320
330													330
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MLC300 VPC-MAX S-3

ASME B30.5



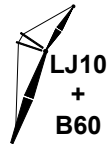
474,100 lb



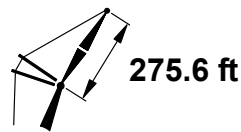
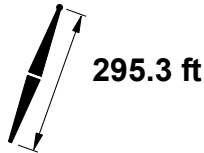
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200	63.6	521.3	34,800	34,800									200
205	62.4	518.7	35,000	35,000									205
210	61.1	515.9	35,200	35,200									210
215	59.8	513.0	35,300	35,300									215
220	58.5	509.9	35,400	35,400									220
225	57.1	506.7	35,400	35,400									225
230	55.8	503.3	35,500	35,500									230
235	54.4	499.8	35,500	35,500									235
240	53.0	496.0	35,500	35,500									240
245	51.6	492.0	35,400	35,400	58.4	501.8	32,300	32,300					245
250	50.1	487.9	35,300	35,300	57.0	498.5	32,600	32,600					250
260	47.1	478.9	34,000	34,000	54.3	491.5	32,300	32,300					260
270	43.9	468.8	32,900	32,900	51.5	483.8	30,900	31,100					270
280	40.6	457.6	32,000	32,000	48.5	475.2	28,700	30,000					280
290	37.0	444.8	31,000	31,000	45.4	465.7	26,700	28,900	52.6	476.8	18,600	27,100	290
300	33.0	430.2	30,200	30,200	42.2	455.0	24,800	27,800	49.7	468.6	17,000	26,100	300
310	28.5	413.0	27,800	27,800	38.7	443.0	23,000	26,800	46.7	459.4	15,500	25,100	310
320	23.3	391.8	25,300	25,300	34.9	429.3	21,300	25,900	43.5	449.2	14,100	24,100	320
330	16.5	363.1	22,700	22,700	30.7	413.4	19,700	25,100	40.0	437.7	12,700	23,100	330
340					25.8	394.3	18,200	24,500	36.4	424.7	11,400	22,100	340
350					19.9	369.8	16,700	24,200	32.3	409.8	10,200	21,300	350
360					11.2	332.3	15,300	22,300	27.8	392.0		20,500	360
370									22.4	370.0		20,000	370
380									15.2	339.5		19,700	380

MLC300 VPC-MAX S-3

ASME B30.5



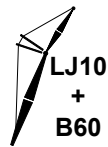
474,100 lb



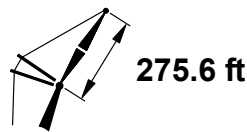
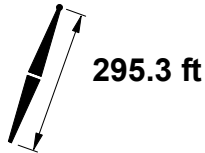
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
115	73.5	566.1	32,800	32,800									115
120	72.4	564.5	32,700	32,700									120
125	71.3	562.8	32,500	32,500									125
130	70.2	561.0	32,400	32,400									130
135	69.1	559.1	32,200	32,200	71.4	561.7	32,400	32,400					135
140	68.0	557.1	32,000	32,000	70.3	559.9	32,400	32,400					140
145	66.9	554.9	31,700	31,700	69.2	558.0	32,300	32,300					145
150	65.7	552.7	31,500	31,500	68.1	556.0	32,100	32,100					150
155	64.6	550.3	31,200	31,200	66.9	553.9	31,900	31,900					155
160	63.4	547.8	30,900	30,900	65.8	551.6	31,800	31,800					160
165	62.2	545.1	30,200	30,200	64.6	549.3	31,600	31,600	68.1	553.8	31,500	31,500	165
170	61.0	542.4	29,400	29,400	63.5	546.8	31,400	31,400	67.0	551.6	31,500	31,500	170
175	59.8	539.5	28,700	28,700	62.3	544.1	31,200	31,200	65.9	549.4	31,500	31,500	175
180	58.6	536.4	28,000	28,000	61.1	541.4	30,900	30,900	64.7	547.0	31,400	31,400	180
185	57.4	533.2	27,300	27,300	59.9	538.5	30,700	30,700	63.6	544.5	31,300	31,300	185
190	56.1	529.9	26,600	26,600	58.7	535.5	30,200	30,200	62.4	541.9	31,200	31,200	190
195	54.9	526.4	25,900	25,900	57.5	532.3	29,600	29,600	61.2	539.2	31,100	31,100	195
200	53.6	522.7	25,200	25,200	56.2	528.9	28,900	28,900	60.0	536.3	31,000	31,000	200
205	52.3	518.8	24,500	24,500	54.9	525.4	28,300	28,300	58.8	533.3	30,800	30,800	205
210	50.9	514.8	23,800	23,800	53.7	521.7	27,600	27,600	57.5	530.1	30,700	30,700	210
215	49.6	510.5	23,200	23,200	52.3	517.9	26,900	26,900	56.3	526.8	30,500	30,500	215
220	48.2	506.1	22,600	22,600	51.0	513.9	26,200	26,200	55.0	523.3	30,400	30,400	220
225	46.7	501.4	21,900	21,900	49.6	509.6	25,500	25,500	53.7	519.6	30,200	30,200	225
230	45.3	496.5	21,300	21,300	48.2	505.2	24,900	24,900	52.4	515.8	30,000	30,000	230
235	43.8	491.3	20,700	20,700	46.8	500.5	24,300	24,300	51.1	511.7	29,600	29,600	235
240	42.2	485.8	20,200	20,200	45.4	495.6	23,600	23,600	49.7	507.5	28,900	28,900	240
245	40.7	480.0	19,600	19,600	43.9	490.4	23,000	23,000	48.3	503.1	28,300	28,300	245
250	39.0	473.9	19,100	19,100	42.3	485.0	22,500	22,500	46.9	498.4	27,700	27,700	250
260	35.5	460.5	18,100	18,100	39.1	473.1	21,300	21,300	44.0	488.4	26,400	26,400	260
270	31.7	445.1	17,300	17,300	35.6	459.7	20,300	20,300	40.9	477.2	25,300	25,300	270
280	27.4	427.0	16,600	16,600	31.8	444.4	19,400	19,400	37.5	464.7	24,100	24,100	280
290	22.4	404.9	16,000	16,000	27.6	426.5	18,500	18,500	33.9	450.5	23,000	23,000	290
300	15.8	375.0	14,600	14,600	22.5	404.5	17,800	17,800	29.9	434.1	22,000	22,000	300
310					16.0	374.9	15,900	15,900	25.3	414.5	21,200	21,200	310
320									19.8	389.7	19,200	19,200	320
330									11.9	353.0	16,900	16,900	330
340													340
350													350
360													360
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390													390
400													400

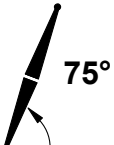
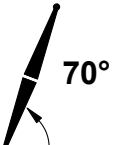
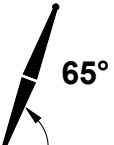
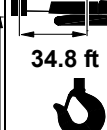
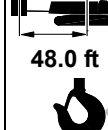
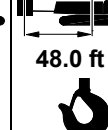
MLC300 VPC-MAX S-3

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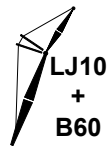
474,100 lb



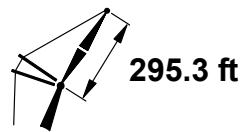
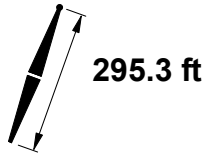
	 75°				 70°				 65°						
	 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb		 48.0 ft  lb	 ft
115															115
120															120
125															125
130															130
135															135
140															140
145															145
150															150
155															155
160															160
165															165
170															170
175															175
180															180
185															185
190															190
195															195
200															200
205															205
210	63.6		538.9	29,400	29,400										210
215	62.4		536.3	29,600	29,600										215
220	61.3		533.5	29,600	29,600										220
225	60.1		530.7	29,700	29,700										225
230	58.8		527.6	29,800	29,800										230
235	57.6		524.5	29,800	29,800										235
240	56.4		521.1	29,800	29,800										240
245	55.1		517.7	29,900	29,900										245
250	53.8		514.0	29,800	29,800										250
260	51.2		506.2	29,800	29,800	57.5	516.3	27,300	27,300						260
270	48.4		497.5	29,500	29,500	55.0	509.4	27,600	27,600						270
280	45.5		488.0	28,500	28,500	52.4	501.9	26,800	26,800						280
290	42.5		477.4	27,600	27,600	49.7	493.7	25,400	25,800						290
300	39.3		465.7	26,800	26,800	46.9	484.6	23,500	24,800	53.4	494.8	15,600	23,000		300
310	35.9		452.4	26,100	26,100	43.9	474.5	21,700	23,900	50.8	486.9	14,100	22,100		310
320	32.1		437.2	25,500	25,500	40.8	463.3	20,100	23,000	48.0	478.1	12,700	21,300		320
330	27.8		419.4	25,000	25,000	37.5	450.8	18,500	22,200	45.1	468.5	11,300	20,400		330
340	22.9		397.7	24,100	24,900	33.9	436.6	17,000	21,400	42.0	457.7	10,100	19,500		340
350	16.5		368.8	22,400	22,700	29.9	420.1	15,600	20,800	38.8	445.7		18,700		350
360	4.2		310.8	19,600	19,600	25.3	400.5	14,200	20,300	35.3	432.2		17,900		360
370						19.7	375.6	12,900	20,100	31.5	416.7		17,200		370
380						11.7	338.6	11,600	20,300	27.1	398.4		16,600		380
390										22.0	375.9		16,200		390
400										15.3	345.3		15,900		400

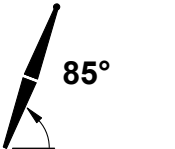
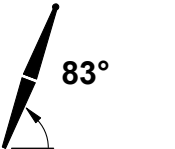
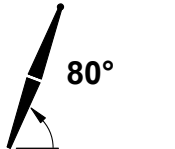
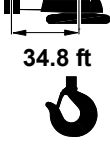
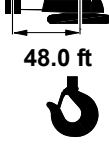
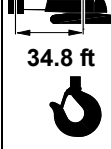
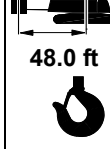
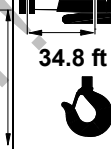
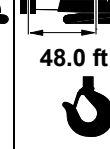
MLC300 VPC-MAX S-3

ASME B30.5



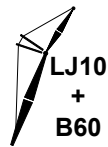
474,100 lb



	 85°					 83°					 80°					
	 ft	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 °	 ft	 34.8 ft lb	 48.0 ft lb	 ft		
120	73.6	585.1	28,300	28,300											120	
125	72.6	583.6	28,200	28,200											125	
130	71.6	581.9	28,100	28,100											130	
135	70.6	580.1	27,900	27,900											135	
140	69.5	578.3	27,700	27,700	71.7	580.8	27,900	27,900							140	
145	68.5	576.3	27,500	27,500	70.6	579.1	27,800	27,800							145	
150	67.4	574.2	27,300	27,300	69.6	577.2	27,700	27,700							150	
155	66.4	572.0	27,100	27,100	68.5	575.2	27,600	27,600							155	
160	65.3	569.7	26,900	26,900	67.5	573.2	27,400	27,400							160	
165	64.2	567.3	26,600	26,600	66.4	571.0	27,300	27,300							165	
170	63.1	564.8	26,200	26,200	65.4	568.7	27,100	27,100	68.6	573.0	27,000	27,000			170	
175	62.0	562.1	25,600	25,600	64.3	566.3	26,900	26,900	67.6	570.9	27,000	27,000			175	
180	60.9	559.3	25,000	25,000	63.2	563.8	26,800	26,800	66.5	568.7	26,900	26,900			180	
185	59.8	556.4	24,400	24,400	62.1	561.1	26,600	26,600	65.4	566.5	26,800	26,800			185	
190	58.7	553.4	23,800	23,800	61.0	558.3	26,400	26,400	64.4	564.1	26,700	26,700			190	
195	57.5	550.2	23,200	23,200	59.9	555.4	26,200	26,200	63.3	561.5	26,600	26,600			195	
200	56.4	546.9	22,600	22,600	58.7	552.4	25,800	25,800	62.2	558.9	26,600	26,600			200	
205	55.2	543.4	22,000	22,000	57.6	549.2	25,300	25,300	61.1	556.1	26,400	26,400			205	
210	54.0	539.8	21,400	21,400	56.4	545.9	24,700	24,700	60.0	553.3	26,300	26,300			210	
215	52.8	536.0	20,900	20,900	55.3	542.5	24,200	24,200	58.8	550.2	26,200	26,200			215	
220	51.5	532.0	20,300	20,300	54.1	538.8	23,600	23,600	57.7	547.1	26,100	26,100			220	
225	50.3	527.9	19,800	19,800	52.8	535.1	23,000	23,000	56.5	543.8	26,000	26,000			225	
230	49.0	523.5	19,300	19,300	51.6	531.1	22,500	22,500	55.3	540.3	25,800	25,800			230	
235	47.7	519.0	18,800	18,800	50.3	527.0	21,900	21,900	54.1	536.7	25,700	25,700			235	
240	46.3	514.3	18,200	18,200	49.1	522.7	21,400	21,400	52.9	532.9	25,600	25,600			240	
245	45.0	509.3	17,700	17,700	47.8	518.1	20,800	20,800	51.7	529.0	25,400	25,400			245	
250	43.6	504.0	17,200	17,200	46.4	513.4	20,400	20,400	50.4	524.9	24,900	24,900			250	
260	40.6	492.8	16,300	16,300	43.6	503.2	19,400	19,400	47.8	516.0	23,900	23,900			260	
270	37.5	480.2	15,500	15,500	40.7	492.0	18,400	18,400	45.1	506.4	22,900	22,900			270	
280	34.2	466.1	14,700	14,700	37.6	479.4	17,400	17,400	42.3	495.7	21,900	21,900			280	
290	30.5	449.9	14,000	14,000	34.3	465.4	16,700	16,700	39.3	483.9	20,900	20,900			290	
300	26.3	431.0	13,500	13,500	30.6	449.3	15,900	15,900	36.1	470.7	20,000	20,000			300	
310	21.4	407.8	12,800	12,800	26.4	430.4	15,200	15,200	32.6	455.8	19,100	19,100			310	
320	15.0	376.4	11,100	11,100	21.6	407.4	14,100	14,100	28.7	438.5	18,300	18,300			320	
330					15.2	376.4	12,300	12,300	24.3	418.0	17,200	17,200			330	
340										18.9	392.0	15,400	15,400		340	
350										11.1	353.2	13,300	13,300		350	
360															360	
370															370	
380															380	
390															390	
400															400	
410															410	
420															420	

MLC300 VPC-MAX S-3

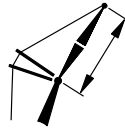
ASME B30.5



474,100 lb



295.3 ft

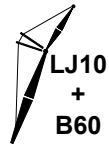


295.3 ft

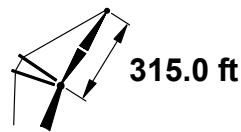
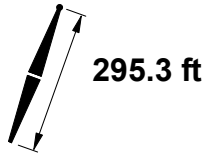
	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185												185
190												190
195												195
200												200
205												205
210												210
215												215
220	63.3	555.9	24,900	24,900								220
225	62.2	553.3	25,000	25,000								225
230	61.1	550.5	25,000	25,000								230
235	60.0	547.6	25,100	25,100								235
240	58.9	544.6	25,100	25,100								240
245	57.7	541.4	25,200	25,200								245
250	56.6	538.1	25,200	25,200								250
260	54.2	531.1	25,200	25,200								260
270	51.7	523.4	25,100	25,100	57.6	533.3	22,800	22,800				270
280	49.2	515.0	25,100	25,100	55.3	526.5	23,200	23,200				280
290	46.6	505.8	24,700	24,700	52.9	519.1	22,800	22,800				290
300	43.8	495.7	23,800	23,800	50.4	511.0	21,600	22,000				300
310	40.9	484.5	23,000	23,000	47.8	502.2	19,800	21,200	53.8	512.0	19,200	310
320	37.8	472.0	22,400	22,400	45.1	492.5	18,200	20,300	51.4	504.2	18,500	320
330	34.5	458.1	21,800	21,800	42.3	481.8	16,600	19,600	48.8	495.6	17,800	330
340	30.8	442.1	21,300	21,300	39.3	470.0	15,200	18,800	46.2	486.3	17,000	340
350	26.7	423.5	20,800	21,000	36.0	456.8	13,800	18,000	43.4	476.0	16,200	350
360	21.9	400.7	19,100	19,100	32.6	441.8	12,500	17,400	40.4	464.6	15,500	360
370	15.7	370.4	17,100	17,100	28.7	424.6	11,300	16,900	37.3	452.0	14,700	370
380	2.9	305.2	15,200	15,200	24.2	404.0	10,100	16,400	33.9	437.8	14,000	380
390					18.8	377.9		16,300	30.2	421.5	13,400	390
400					11.0	338.8		16,600	26.0	402.3	12,900	400
410									21.1	378.8	12,500	410
420									14.5	346.5	12,400	420

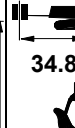
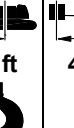
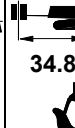
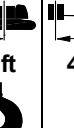
MLC300 VPC-MAX S-3

ASME B30.5



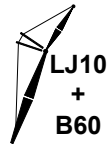
474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
125	73.7	604.2	24,400	24,400									125
130	72.8	602.6	24,300	24,300									130
135	71.8	601.0	24,000	24,000									135
140	70.9	599.2	23,900	23,900									140
145	69.9	597.4	23,800	23,800	71.9	599.9	23,900	23,900					145
150	68.9	595.5	23,500	23,500	70.9	598.2	23,700	23,700					150
155	67.9	593.5	23,300	23,300	70.0	596.4	23,600	23,600					155
160	67.0	591.3	23,200	23,200	69.0	594.4	23,500	23,500					160
165	66.0	589.1	22,900	22,900	68.0	592.4	23,400	23,400					165
170	65.0	586.8	22,800	22,800	67.0	590.3	23,200	23,200					170
175	63.9	584.3	22,600	22,600	66.0	588.1	23,100	23,100					175
180	62.9	581.8	22,100	22,100	65.0	585.7	23,000	23,000	68.1	590.2	22,800	22,800	180
185	61.9	579.1	21,600	21,600	64.0	583.3	22,800	22,800	67.1	588.1	22,800	22,800	185
190	60.8	576.3	21,100	21,100	63.0	580.8	22,600	22,600	66.1	585.8	22,700	22,700	190
195	59.8	573.4	20,600	20,600	61.9	578.1	22,500	22,500	65.1	583.5	22,600	22,600	195
200	58.7	570.3	20,100	20,100	60.9	575.3	22,300	22,300	64.1	581.1	22,600	22,600	200
205	57.7	567.2	19,600	19,600	59.9	572.4	22,100	22,100	63.0	578.5	22,500	22,500	205
210	56.6	563.9	19,100	19,100	58.8	569.4	21,900	21,900	62.0	575.9	22,400	22,400	210
215	55.5	560.4	18,700	18,700	57.7	566.2	21,500	21,500	61.0	573.1	22,300	22,300	215
220	54.3	556.9	18,200	18,200	56.6	562.9	21,000	21,000	59.9	570.2	22,200	22,200	220
225	53.2	553.1	17,700	17,700	55.5	559.5	20,600	20,600	58.9	567.2	22,100	22,100	225
230	52.1	549.2	17,200	17,200	54.4	555.9	20,100	20,100	57.8	564.0	21,900	21,900	230
235	50.9	545.2	16,700	16,700	53.3	552.2	19,600	19,600	56.7	560.8	21,800	21,800	235
240	49.7	541.0	16,300	16,300	52.1	548.3	19,200	19,200	55.6	557.3	21,700	21,700	240
245	48.5	536.5	15,800	15,800	51.0	544.3	18,700	18,700	54.5	553.8	21,600	21,600	245
250	47.2	531.9	15,400	15,400	49.8	540.1	18,200	18,200	53.4	550.1	21,400	21,400	250
260	44.7	522.1	14,600	14,600	47.3	531.1	17,300	17,300	51.0	542.2	21,200	21,200	260
270	42.0	511.3	13,800	13,800	44.8	521.2	16,500	16,500	48.6	533.6	20,500	20,500	270
280	39.2	499.4	13,100	13,100	42.1	510.5	15,700	15,700	46.1	524.2	19,600	19,600	280
290	36.2	486.2	12,400	12,400	39.3	498.6	14,900	14,900	43.5	514.0	18,800	18,800	290
300	32.9	471.4	11,800	11,800	36.3	485.5	14,200	14,200	40.8	502.7	18,000	18,000	300
310	29.3	454.5	11,200	11,200	33.0	470.7	13,500	13,500	37.9	490.3	17,200	17,200	310
320	25.3	434.7	10,000	10,000	29.5	453.9	13,000	13,000	34.8	476.4	16,500	16,500	320
330					25.4	434.2	10,700	10,700	31.4	460.8	15,200	15,200	330
340									27.7	442.8	13,000	13,000	340
350									23.4	421.3	10,400	10,400	350
360													360
370													370
380													380
390													390
400													400
410													410

MLC300 VPC-MAX S-3

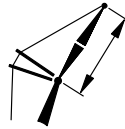
ASME B30.5



474,100 lb



295.3 ft



315.0 ft

	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185												185
190												190
195												195
200												200
205												205
210												210
215												215
220												220
225												225
230	63.1	572.9	20,800	20,800								230
235	62.1	570.2	20,900	20,900								235
240	61.0	567.5	21,000	21,000								240
245	60.0	564.6	21,000	21,000								245
250	58.9	561.6	21,000	21,000								250
260	56.8	555.1	21,000	21,000								260
270	54.5	548.2	21,000	21,000								270
280	52.3	540.6	20,900	20,900	57.8	550.2	18,800	18,800				280
290	49.9	532.4	20,900	20,900	55.6	543.5	19,100	19,100				290
300	47.5	523.4	20,800	20,800	53.3	536.2	19,300	19,300				300
310	44.9	513.7	20,400	20,400	51.0	528.3	18,300	18,600				310
320	42.3	503.0	19,700	19,700	48.6	519.7	16,700	17,900				320
330	39.4	491.2	19,100	19,100	46.1	510.3	15,100	17,200	51.9	521.4	15,300	330
340	36.4	478.1	18,500	18,500	43.5	500.1	13,700	16,500	49.5	513.0	14,700	340
350	33.2	463.5	17,800	17,800	40.8	488.8	12,300	15,700	47.1	504.0	14,000	350
360	29.7	446.8	15,600	15,600	37.9	476.4	11,100	15,100	44.5	494.1	13,300	360
370	25.7	427.3	13,100	13,100	34.8	462.5		14,400	41.8	483.2	12,700	370
380	21.0	403.5	10,400	10,400	31.4	446.9		13,900	39.0	471.3	12,000	380
390					27.6	428.8		13,400	36.0	458.0	11,300	390
400					23.3	407.3		12,600	32.7	443.1	10,700	400
410									29.1	426.0	10,200	410