

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ11:500-501 on
 Boom No. B65:505-500
 with Mast No. M11:503
 386,000 lb VPC (Variable Position Counterweight)
 360 Degree Rating

**MLC300
 VPC-MAX
 SERIES 2**



LIFTING CAPACITIES: Lifting capacities for various boom lengths, 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. 84050217**, Mast Rigging **No. 84045340**, Wire Rope Specifications chart **No. 9668-A**, Counterweight Arrangements chart **No. 9345-A**, Luffing Jib Raising Procedure chart **No. 9665-A**, and Wind Conditions chart **No. 9667-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. 9666-A**.



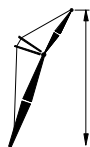
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



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 386,000 lb VPC.

Select counterweight position from Luffing Jib Raising Procedure chart **No. 9665-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. LJ11:500-501
+
Boom No. B65:505-500



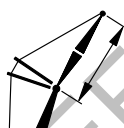
VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

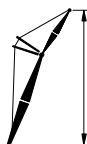
Explanation of Symbols (continued)



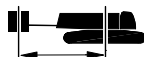
Operating Radius
(see page 1)



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-2

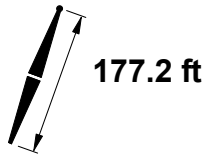
ASME B30.5



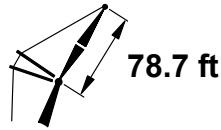
386,000 lb



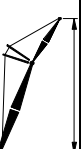
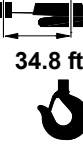
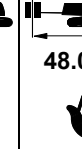
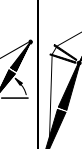
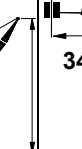
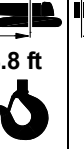
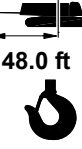
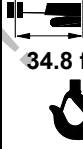
360°



177.2 ft



78.7 ft

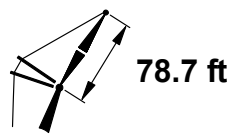
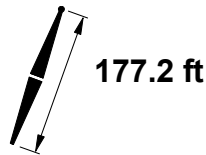
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50	71.7	258.8	324,700 d	324,700 d									50
55	67.8	256.8	297,900 c	297,900 c									55
60	63.7	254.3	265,800 b	265,800 b	68.7	256.6	315,800 c	315,800 c					60
65	59.5	251.4	240,400 b	240,400 b	64.7	254.2	300,100 b	300,100 b					65
70	55.1	247.9	219,900	219,900	60.5	251.4	268,900 b	268,900 b	68.1	254.8	281,800 c	318,000 c	70
75	50.4	243.8	202,900	202,900	56.2	248.1	243,700 b	243,700 b	64.1	252.3	258,600 b	302,900 b	75
80	45.3	238.9	188,700	188,700	51.5	244.1	223,300	223,300	59.9	249.4	238,700 b	288,300 b	80
85	39.7	233.1	176,900	176,900	46.6	239.5	206,500	206,500	55.5	246.0	221,600	272,600	85
90	33.3	225.8	167,000	167,000	41.1	233.9	192,500	192,500	50.8	242.0	206,600	247,800	90
95	25.3	216.1	159,300	159,300	34.9	227.0	180,800	180,800	45.8	237.2	193,400	227,800	95
100	12.9	199.7	147,800	147,800	27.4	218.0	171,200	171,200	40.2	231.4	181,600	211,300	100
105					16.8	204.3	163,200	163,200	33.9	224.3	171,000	197,600	105
110									26.1	214.8	161,500	186,400	110
115									14.4	199.6	152,600	164,400	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	75°				70°				65°				
ft	ft	ft	lb	lb	ft	ft	lb	lb	ft	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	183,700 b	234,300 b									95
100	55.6	242.6	172,500	220,300									100
105	51.0	238.6	162,600	207,800									105
110	45.9	233.8	153,600	196,500									110
115	40.4	228.1	145,400	186,300	55.5	237.6	137,900	178,700					115
120	34.1	221.0	138,000	176,900	50.8	233.6	130,800	169,800					120
125	26.4	211.7	131,100	168,400	45.7	228.8	124,400	161,700					125
130	15.0	196.9	124,700	160,400	40.2	223.0	118,500	154,200					130
135					33.8	215.8	113,100	147,300	50.1	226.8	107,000	141,200	135
140					26.1	206.4	108,000	140,800	45.0	221.9	102,200	135,100	140
145					14.4	191.2	103,100	134,700	39.4	216.0	97,800	129,500	145
150									32.9	208.6	93,700	124,200	150
155									24.8	198.7	89,800	119,200	155
160									11.8	181.6	85,900	114,400	160

MLC300 VPC-MAX S-2

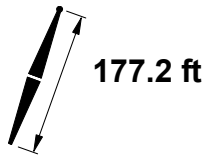
ASME B30.5



386,000 lb



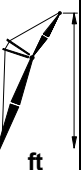
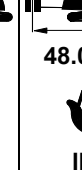
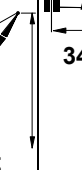
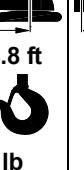
360°



177.2 ft



98.4 ft

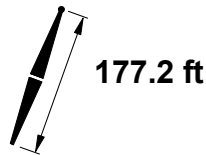
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55	72.4	277.9	257,000 c	257,000 c									55
60	69.3	276.0	253,300 b	253,300 b									60
65	66.1	273.8	246,200 b	246,200 b	70.1	275.8	255,100 b	255,100 b					65
70	62.9	271.3	223,600	223,600	66.9	273.7	252,100 b	252,100 b					70
75	59.5	268.3	205,000	205,000	63.7	271.2	242,200	242,200					75
80	56.0	265.0	189,600	189,600	60.3	268.3	229,300	229,300	66.4	271.8	237,600 b	252,500 b	80
85	52.3	261.1	176,500	176,500	56.8	265.1	212,000	212,000	63.2	269.3	220,500	241,900	85
90	48.5	256.7	165,400	165,400	53.2	261.4	196,000	196,000	59.8	266.4	205,600	229,400	90
95	44.3	251.7	155,900	155,900	49.4	257.1	182,600	182,600	56.3	263.1	192,500	217,600	95
100	39.8	245.8	147,600	147,600	45.3	252.3	171,200	171,200	52.6	259.3	180,800	206,600	100
105	34.8	238.9	140,600	140,600	40.9	246.6	161,400	161,400	48.8	254.9	170,300	196,500	105
110	29.1	230.3	134,800	134,800	36.1	239.9	153,000	153,000	44.7	250.0	160,900	187,100	110
115	21.9	219.0	130,400	130,400	30.5	231.8	145,900	145,900	40.2	244.2	152,400	178,600	115
120	10.1	199.4	112,700	112,700	23.8	221.4	140,300	140,300	35.3	237.3	144,600	166,800	120
125					14.0	205.2	124,000	124,000	29.6	228.9	137,500	155,600	125
130									22.6	217.9	131,000	145,600	130
135									11.7	199.9	124,800	125,400	135
140													140
145													145
150													150
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160													160
165													165
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175													175
180													180

MLC300 VPC-MAX S-2

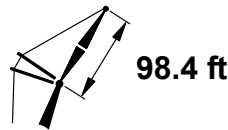
ASME B30.5



386,000 lb



177.2 ft



98.4 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	63.3	265.8	171,300	219,000									100
105	59.9	263.0	161,400	206,600									105
110	56.4	259.6	152,500	195,400									110
115	52.8	255.9	144,400	185,200									115
120	48.9	251.6	137,100	176,000									120
125	44.8	246.6	130,400	167,600	56.3	254.7	123,200	160,400					125
130	40.4	240.8	124,200	159,900	52.6	250.9	117,400	153,000					130
135	35.5	234.0	118,500	152,800	48.8	246.5	112,000	146,200					135
140	29.8	225.7	113,300	146,100	44.7	241.5	107,100	140,000					140
145	22.9	214.8	108,300	140,000	40.2	235.7	102,500	134,100	52.1	244.2	96,600	128,200	145
150	12.2	197.3	103,600	134,100	35.3	228.9	98,200	128,700	48.3	239.8	92,500	123,100	150
155					29.6	220.5	94,100	123,600	44.1	234.7	88,800	118,200	155
160					22.6	209.5	90,300	118,800	39.6	228.8	85,200	113,700	160
165					11.6	191.4	86,700	114,200	34.6	221.7	81,900	109,500	165
170									28.8	213.1	78,800	105,400	170
175									21.4	201.6	75,700	101,600	175
180									9.1	180.9	72,600	97,900	180

MLC300 VPC-MAX S-2

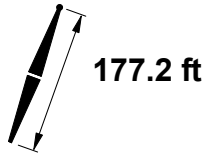
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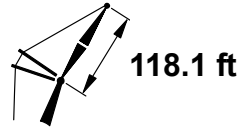
386,000 lb



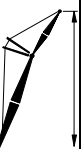
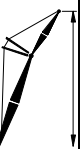
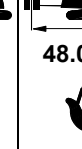
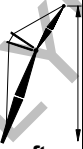
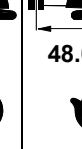
360°



177.2 ft



118.1 ft

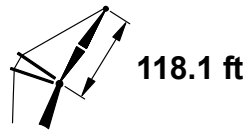
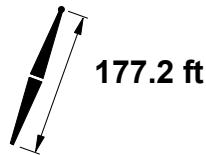
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	72.9	297.0	260,400 b	260,400 b									60
65	70.3	295.2	249,700	249,700									65
70	67.7	293.2	227,800	227,800	71.0	295.0	256,200	256,200					70
75	65.0	290.9	207,800	207,800	68.4	293.0	245,900	245,900					75
80	62.3	288.2	191,300	191,300	65.7	290.7	235,800	235,800					80
85	59.5	285.3	177,400	177,400	63.0	288.2	219,100	219,100	67.9	291.2	218,000	249,300	85
90	56.6	282.0	165,600	165,600	60.2	285.3	201,100	201,100	65.3	288.9	203,100	239,700	90
95	53.6	278.3	155,400	155,400	57.3	282.1	186,200	186,200	62.5	286.3	190,000	230,300	95
100	50.4	274.2	146,600	146,600	54.3	278.5	173,600	173,600	59.7	283.3	178,400	221,200	100
105	47.2	269.6	138,800	138,800	51.2	274.5	162,800	162,800	56.8	280.1	168,000	209,600	105
110	43.7	264.5	132,000	132,000	48.0	270.1	153,500	153,500	53.8	276.4	158,700	193,300	110
115	39.9	258.6	126,000	126,000	44.5	265.0	145,300	145,300	50.7	272.4	150,200	179,200	115
120	35.8	251.8	120,900	120,900	40.8	259.3	138,200	138,200	47.4	267.8	142,500	166,700	120
125	31.3	243.9	116,400	116,400	36.9	252.8	132,000	132,000	44.0	262.7	135,500	155,600	125
130	26.0	234.2	112,800	112,800	32.4	245.2	126,700	126,700	40.3	256.9	129,100	145,800	130
135	19.3	221.4	108,200	108,200	27.4	236.0	122,200	122,200	36.2	250.2	123,100	136,900	135
140	7.8	198.2	87,400	87,400	21.1	224.1	115,400	115,400	31.7	242.4	117,600	128,800	140
145					11.8	205.6	96,500	96,500	26.5	232.9	112,500	121,500	145
150									20.0	220.5	107,700	114,600	150
155									9.5	199.4	97,800	97,800	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



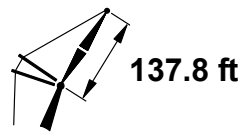
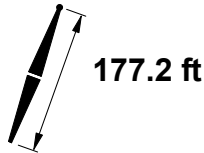
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.6	282.8	149,700	192,600									110
115	59.8	279.9	141,700	182,600									115
120	57.0	276.7	134,500	173,400									120
125	54.0	273.0	127,800	165,100									125
130	50.8	269.0	121,700	157,400									130
135	47.6	264.5	116,100	150,400	56.8	271.7	109,200	143,400					135
140	44.1	259.4	111,000	143,900	53.8	268.0	104,300	137,200					140
145	40.4	253.6	106,200	137,800	50.7	264.0	99,800	131,500					145
150	36.4	247.0	101,700	132,200	47.4	259.4	95,600	126,100					150
155	31.9	239.2	97,500	127,000	44.0	254.3	91,700	121,100	53.4	261.4	85,000	115,300	155
160	26.7	229.7	93,600	122,000	40.2	248.5	88,000	116,400	50.3	257.3	81,500	110,900	160
165	20.3	217.4	89,900	115,200	36.2	241.8	84,500	112,100	47.0	252.6	78,300	106,700	165
170	10.1	197.1	86,300	107,300	31.7	234.0	81,300	108,000	43.5	247.4	75,200	102,800	170
175					26.5	224.5	78,200	104,100	39.7	241.5	72,300	99,100	175
180					20.0	212.0	75,300	100,400	35.6	234.7	69,500	95,600	180
185					9.4	190.9	72,400	96,700	31.1	226.7	66,900	92,400	185
190									25.7	216.9	64,400	89,200	190
195									18.9	203.8	61,900	86,200	195
200									6.7	179.1	59,400	83,200	200

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



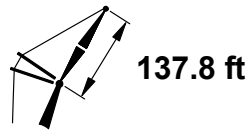
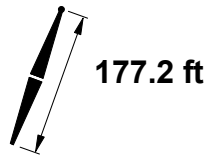
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.3	316.1	222,700	222,700									65
70	71.1	314.4	209,200	209,200									70
75	68.8	312.4	196,500	196,500	71.6	314.1	213,100	213,100					75
80	66.6	310.3	184,400	184,400	69.4	312.2	200,400	200,400					80
85	64.3	307.9	173,300	173,300	67.1	310.1	188,300	188,300					85
90	61.9	305.2	163,000	163,000	64.8	307.7	177,000	177,000					90
95	59.5	302.2	153,400	153,400	62.5	305.1	166,400	166,400	66.8	308.3	187,100	187,100	95
100	57.0	299.0	144,600	144,600	60.1	302.2	156,600	156,600	64.5	305.9	176,100	176,100	100
105	54.5	295.4	136,500	136,500	57.6	299.1	147,700	147,700	62.1	303.2	165,800	165,800	105
110	51.8	291.5	129,000	129,000	55.1	295.6	139,300	139,300	59.7	300.3	156,300	156,300	110
115	49.1	287.2	122,000	122,000	52.5	291.8	131,600	131,600	57.2	297.1	147,400	147,400	115
120	46.2	282.5	115,600	115,600	49.7	287.6	124,400	124,400	54.7	293.6	139,100	139,100	120
125	43.2	277.2	109,600	109,600	46.9	282.9	117,800	117,800	52.1	289.7	131,400	131,400	125
130	40.0	271.3	104,100	104,100	43.9	277.8	111,700	111,700	49.3	285.4	124,300	124,300	130
135	36.5	264.7	99,000	99,000	40.8	272.1	106,000	106,000	46.5	280.7	117,700	117,700	135
140	32.8	257.2	94,100	94,100	37.4	265.7	100,700	100,700	43.5	275.5	111,600	111,600	140
145	28.5	248.3	89,700	89,700	33.7	258.4	95,800	95,800	40.3	269.7	105,900	105,900	145
150	23.6	237.6	85,500	85,500	29.6	249.9	91,200	91,200	36.8	263.1	100,600	100,600	150
155	17.3	223.3	81,800	81,800	24.9	239.6	86,900	86,900	33.1	255.7	95,700	95,700	155
160	5.7	195.8	70,100	70,100	19.0	226.5	83,000	83,000	28.9	246.9	91,100	91,100	160
165					10.0	205.3	77,700	77,700	24.1	236.4	86,900	86,900	165
170									17.9	222.5	83,000	83,000	170
175									7.6	198.1	78,800	78,800	175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



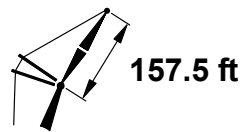
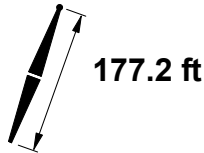
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.2	299.8	133,200	166,200									120
125	59.8	296.9	126,600	157,000									125
130	57.3	293.7	120,600	148,300									130
135	54.8	290.1	115,000	140,200									135
140	52.2	286.3	109,900	132,600									140
145	49.4	282.0	105,100	125,500	57.2	288.7	98,500	130,200					145
150	46.6	277.3	100,700	118,900	54.7	285.1	94,300	124,800					150
155	43.6	272.1	96,600	112,700	52.0	281.3	90,400	119,900					155
160	40.4	266.3	92,700	107,100	49.3	277.0	86,800	115,300					160
165	37.0	259.8	89,100	101,700	46.5	272.3	83,400	110,900					165
170	33.3	252.4	85,700	96,800	43.5	267.1	80,200	106,900	51.7	274.6	73,400	101,500	170
175	29.1	243.7	82,500	92,200	40.3	261.2	77,200	103,100	48.9	270.3	70,600	97,900	175
180	24.3	233.2	79,400	87,900	36.8	254.7	74,300	99,500	46.1	265.5	67,900	94,400	180
185	18.2	219.5	76,500	84,000	33.1	247.2	71,600	96,100	43.0	260.2	65,300	91,200	185
190	8.2	196.1	73,700	80,500	28.9	238.5	68,900	92,700	39.8	254.3	62,900	88,100	190
195					24.1	227.9	66,400	88,400	36.4	247.6	60,600	85,200	195
200					17.9	214.1	64,000	84,500	32.6	240.0	58,400	82,500	200
205					7.5	189.6	61,500	81,100	28.3	231.1	56,300	79,800	205
210									23.3	220.2	54,200	77,300	210
215									16.9	205.7	52,200	74,800	215
220									4.1	175.3	50,100	72,300	220

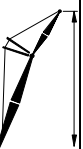
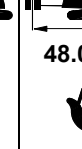
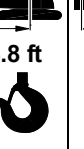
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	73.5	335.2	202,000	202,000									70
75	71.6	333.5	199,500	199,500									75
80	69.7	331.6	196,900	196,900									80
85	67.7	329.6	185,400	185,400	70.1	331.4	198,600	198,600					85
90	65.7	327.3	171,300	171,300	68.2	329.4	196,300	196,300					90
95	63.7	324.8	159,400	159,400	66.2	327.2	190,400	190,400					95
100	61.6	322.1	149,200	149,200	64.2	324.7	181,000	183,900	67.9	327.6	174,600	195,600	100
105	59.5	319.2	140,300	140,300	62.1	322.1	170,300	173,200	65.9	325.3	164,300	194,000	105
110	57.3	316.0	132,500	132,500	60.0	319.2	160,800	161,300	63.8	322.9	155,000	188,100	110
115	55.1	312.5	125,600	125,600	57.9	316.1	151,100	151,100	61.8	320.2	146,600	178,200	115
120	52.8	308.7	119,500	119,500	55.6	312.7	142,300	142,300	59.7	317.2	139,000	165,600	120
125	50.5	304.6	114,000	114,000	53.4	309.0	134,600	134,600	57.5	314.1	132,000	154,400	125
130	48.0	300.2	109,100	109,100	51.1	304.9	127,900	127,900	55.3	310.6	125,700	144,500	130
135	45.5	295.3	104,700	104,700	48.6	300.6	121,200	121,200	53.0	306.9	119,800	135,600	135
140	42.8	290.0	100,700	100,700	46.1	295.8	114,500	114,500	50.7	302.8	114,400	127,600	140
145	40.0	284.1	97,100	97,100	43.5	290.6	108,400	108,400	48.3	298.4	109,400	120,300	145
150	37.0	277.6	93,900	93,900	40.7	284.8	102,700	102,700	45.7	293.5	104,700	113,700	150
155	33.8	270.3	91,100	91,100	37.8	278.5	97,500	97,500	43.1	288.2	100,400	107,600	155
160	30.3	262.0	87,000	87,000	34.6	271.4	92,600	92,600	40.3	282.4	96,300	102,000	160
165	26.3	252.3	82,800	82,800	31.2	263.3	88,100	88,100	37.3	276.0	92,500	96,900	165
170	21.7	240.5	78,900	78,900	27.3	254.0	83,900	83,900	34.1	268.7	89,000	92,100	170
175	15.7	224.8	69,000	69,000	22.9	242.8	79,900	79,900	30.6	260.5	85,600	87,600	175
180	3.2	190.9	55,000	55,000	17.3	228.4	74,200	74,200	26.7	251.0	82,400	83,400	180
185					8.4	204.5	61,600	61,600	22.1	239.4	79,400	79,500	185
190									16.3	224.2	75,700	75,700	190
195									5.8	195.8	62,700	62,700	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235

MLC300 VPC-MAX S-2

ASME B30.5



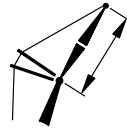
386,000 lb



360°



177.2 ft



157.5 ft

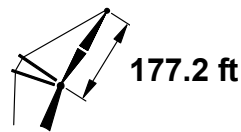
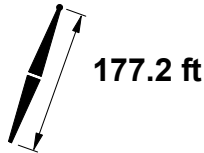
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.9	319.4	123,800	161,000									125
130	61.9	316.7	117,700	153,400									130
135	59.7	313.8	112,200	146,400									135
140	57.6	310.6	107,100	140,000									140
145	55.4	307.2	102,400	134,000									145
150	53.1	303.5	98,000	128,500									150
155	50.8	299.4	93,900	123,400	57.5	305.7	86,700	117,000					155
160	48.3	295.0	90,100	118,600	55.3	302.2	83,100	112,400					160
165	45.8	290.2	86,500	114,100	53.0	298.5	79,700	108,100					165
170	43.2	284.9	83,200	108,000	50.7	294.4	76,500	104,100					170
175	40.4	279.1	80,000	102,500	48.3	290.0	73,500	100,300					175
180	37.4	272.7	77,000	97,300	45.7	285.1	70,600	96,700	52.7	291.8	63,900	91,500	180
185	34.2	265.5	74,200	92,500	43.1	279.8	67,900	93,400	50.4	287.7	61,400	88,300	185
190	30.8	257.3	71,600	88,000	40.3	274.0	65,400	90,200	47.9	283.2	59,000	85,300	190
195	26.8	247.8	69,000	83,800	37.3	267.5	62,900	87,200	45.4	278.3	56,700	82,400	195
200	22.3	236.3	66,600	79,900	34.1	260.3	60,600	84,300	42.7	272.9	54,600	79,700	200
205	16.5	221.3	64,200	76,100	30.6	252.1	58,400	81,600	39.9	267.0	52,600	77,100	205
210	6.5	194.2	61,700	69,500	26.7	242.5	56,300	79,000	36.9	260.5	50,600	74,600	210
215					22.1	231.0	54,200	76,500	33.7	253.2	48,700	72,300	215
220					16.3	215.7	52,200	74,100	30.1	244.8	46,900	70,000	220
225					5.7	187.3	50,100	71,700	26.1	235.0	45,200	67,900	225
230									21.4	223.1	43,500	65,800	230
235									15.3	207.1	41,900	63,800	235

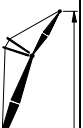
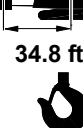
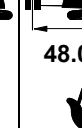
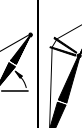
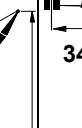
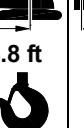
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	73.7	354.2	170,600	170,600									75
80	72.0	352.6	159,900	159,900									80
85	70.3	350.8	149,900	149,900									85
90	68.6	348.8	140,500	140,500	70.7	350.5	152,700	152,700					90
95	66.8	346.7	131,700	131,700	69.0	348.6	143,200	143,200					95
100	65.0	344.4	123,600	123,600	67.2	346.5	134,200	134,200					100
105	63.2	341.8	115,900	115,900	65.4	344.2	126,000	126,000	68.7	346.8	141,900	141,900	105
110	61.4	339.1	108,900	108,900	63.6	341.7	118,200	118,200	67.0	344.7	133,200	133,200	110
115	59.5	336.2	102,400	102,400	61.8	339.0	111,000	111,000	65.2	342.3	125,100	125,100	115
120	57.6	333.0	96,400	96,400	59.9	336.2	104,400	104,400	63.4	339.8	117,600	117,600	120
125	55.6	329.6	90,700	90,700	58.0	333.0	98,200	98,200	61.5	337.1	110,500	110,500	125
130	53.6	325.9	85,500	85,500	56.1	329.7	92,400	92,400	59.7	334.2	103,900	103,900	130
135	51.5	321.9	80,600	80,600	54.1	326.1	87,000	87,000	57.7	331.1	97,700	97,700	135
140	49.4	317.7	76,000	76,000	52.0	322.2	82,100	82,100	55.8	327.7	92,000	92,000	140
145	47.2	313.1	71,700	71,700	49.9	318.0	77,400	77,400	53.8	324.0	86,700	86,700	145
150	44.9	308.1	67,800	67,800	47.8	313.5	73,000	73,000	51.7	320.1	81,800	81,800	150
155	42.6	302.7	64,000	64,000	45.5	308.6	69,000	69,000	49.6	315.8	77,200	77,200	155
160	40.1	296.8	60,500	60,500	43.1	303.3	65,100	65,100	47.4	311.3	72,800	72,800	160
165	37.4	290.4	57,200	57,200	40.7	297.6	61,500	61,500	45.1	306.3	68,800	68,800	165
170	34.6	283.3	54,000	54,000	38.1	291.3	58,100	58,100	42.8	301.0	64,900	64,900	170
175	31.6	275.4	51,000	51,000	35.3	284.3	55,000	55,000	40.3	295.2	61,300	61,300	175
180	28.3	266.3	48,300	48,300	32.3	276.6	52,000	52,000	37.7	288.8	58,000	58,000	180
185	24.5	255.8	45,600	45,600	29.1	267.9	49,100	49,100	34.9	281.7	54,800	54,800	185
190	20.1	243.1	43,200	43,200	25.4	257.8	46,400	46,400	31.9	273.9	51,800	51,800	190
195	14.3	225.9	40,800	40,800	21.2	245.7	43,900	43,900	28.6	265.0	48,900	48,900	195
200					15.9	229.9	41,500	41,500	24.8	254.6	46,300	46,300	200
205					7.0	202.9	39,300	39,300	20.5	242.1	43,800	43,800	205
210									14.9	225.5	41,400	41,400	210
215									3.8	191.6	39,200	39,200	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-2

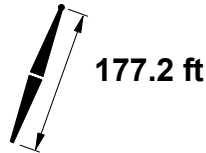
ASME B30.5



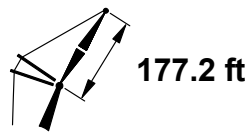
386,000 lb



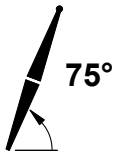
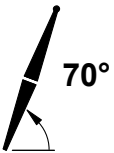
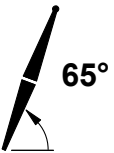
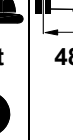
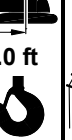
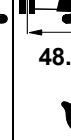
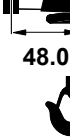
360°



177.2 ft



177.2 ft

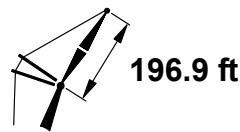
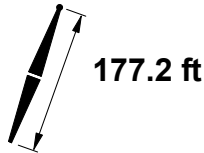
	 75°				 70°				 65°						
															
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft	
75															75
80															80
85															85
90															90
95															95
100															100
105															105
110															110
115															115
120															120
125															125
130															130
135	63.4	336.4		111,000	117,600										135
140	61.6	333.7		105,900	110,700										140
145	59.7	330.8		101,200	104,300										145
150	57.8	327.6		96,800	98,300										150
155	55.9	324.2		92,600	92,600										155
160	53.9	320.6		87,300	87,300										160
165	51.8	316.7		82,400	82,400	57.7	322.6	78,000	97,800						165
170	49.7	312.5		77,700	77,700	55.8	319.2	74,800	92,200						170
175	47.5	307.9		73,300	73,300	53.8	315.6	71,800	87,100						175
180	45.2	303.0		69,200	69,200	51.7	311.7	69,000	82,200						180
185	42.9	297.6		65,500	65,500	49.6	307.4	66,300	77,700						185
190	40.4	291.8		61,800	61,800	47.4	302.9	63,800	73,400	53.5	309.0	57,200	84,000		190
195	37.8	285.5		58,400	58,400	45.1	297.9	61,400	69,400	51.4	305.0	55,000	81,100		195
200	35.0	278.4		55,300	55,300	42.8	292.6	59,100	65,600	49.3	300.7	52,900	77,100		200
205	32.0	270.6		52,300	52,300	40.3	286.7	56,900	62,000	47.1	296.1	50,900	72,900		205
210	28.7	261.7		49,400	49,400	37.7	280.4	54,900	58,600	44.8	291.1	49,000	68,900		210
215	25.0	251.5		46,700	46,700	34.9	273.3	52,900	55,400	42.4	285.7	47,100	65,200		215
220	20.6	239.0		44,200	44,200	31.9	265.4	51,000	52,400	39.9	279.8	45,400	61,700		220
225	15.1	222.6		41,800	41,800	28.6	256.5	49,200	49,600	37.3	273.3	43,700	58,300		225
230	4.8	191.1		39,600	39,600	24.8	246.2	46,900	46,900	34.5	266.2	42,100	55,200		230
235						20.5	233.6	44,400	44,400	31.4	258.2	40,600	52,200		235
240						14.8	217.0	42,000	42,000	28.1	249.1	39,100	49,500		240
245						3.7	183.0	39,900	39,900	24.3	238.5	37,600	46,900		245
250										19.8	225.6	36,200	44,400		250

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80	73.9	373.3	158,900	158,900									80
85	72.3	371.7	157,300	157,300									85
90	70.8	369.9	155,600	155,600									90
95	69.3	368.0	153,900	153,900	71.2	369.6	156,600	156,600					95
100	67.7	366.0	152,100	152,100	69.6	367.8	155,200	155,200					100
105	66.1	363.8	145,400	145,400	68.1	365.8	153,800	153,800					105
110	64.5	361.4	136,300	136,300	66.5	363.6	152,300	152,300					110
115	62.8	358.8	128,500	128,500	64.9	361.2	148,400	150,800					115
120	61.2	356.1	121,500	121,500	63.2	358.7	140,600	142,400	67.8	364.0	142,600	153,000	120
125	59.5	353.1	115,400	115,400	61.6	356.0	133,400	133,400	66.2	361.7	135,000	152,200	125
130	57.8	350.0	109,900	109,900	59.9	353.1	125,300	125,300	64.6	359.4	128,100	151,000	130
135	56.0	346.6	104,900	104,900	58.2	350.0	117,800	117,800	63.0	356.8	121,800	141,200	135
140	54.2	343.0	100,500	100,500	56.4	346.7	111,100	111,100	61.3	354.1	116,000	132,200	140
145	52.4	339.2	96,400	96,400	54.7	343.2	105,000	105,000	59.6	351.2	110,600	124,200	145
150	50.5	335.1	92,600	92,600	52.8	339.4	99,300	99,300	57.9	348.0	105,600	116,900	150
155	48.6	330.7	88,100	88,100	51.0	335.3	94,100	94,100	56.2	344.7	101,000	110,200	155
160	46.6	326.0	83,700	83,700	49.0	331.0	89,300	89,300	54.4	341.1	96,700	104,200	160
165	44.5	320.9	79,700	79,700	47.1	326.4	84,800	84,800	52.5	337.3	92,700	98,600	165
170	42.3	315.5	75,900	75,900	45.0	321.4	80,700	80,700	50.7	333.2	88,900	93,500	170
175	40.1	309.6	72,300	72,300	42.9	316.1	76,800	76,800	48.7	328.8	85,400	88,700	175
180	37.7	303.2	69,000	69,000	40.6	310.3	73,200	73,200	46.7	324.2	82,100	84,300	180
185	35.2	296.3	65,800	65,800	38.3	304.1	69,800	69,800	44.7	319.1	79,000	80,200	185
190	32.6	288.6	62,800	62,800	35.9	297.3	66,600	66,600	42.5	313.7	76,100	76,400	190
195	29.7	280.0	60,000	60,000	33.2	289.8	63,600	63,600	40.3	307.9	72,800	72,800	195
200	26.5	270.3	57,300	57,300	30.4	281.4	60,800	60,800	38.0	301.6	69,400	69,400	200
205	22.9	259.1	54,800	54,800	27.3	272.1	58,100	58,100	35.5	294.7	66,300	66,300	205
210	18.7	245.3	51,400	51,400	23.8	261.2	55,500	55,500	32.8	287.1	63,300	63,300	210
215	13.1	226.7	44,100	44,100	19.8	248.2	53,000	53,000	30.0	278.6	60,500	60,500	215
220					14.6	231.1	47,900	47,900	26.8	269.0	57,800	57,800	220
225					5.6	200.5	38,700	38,700	23.3	257.9	55,200	55,200	225
230									19.1	244.4	52,700	52,700	230
235									13.6	226.4	49,800	49,800	235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-2

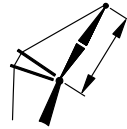
ASME B30.5



386,000 lb



177.2 ft



196.9 ft

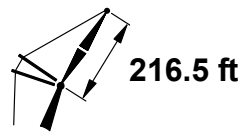
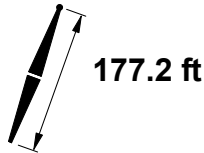
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	63.0	353.4	97,700	129,800									145
150	61.4	350.6	93,300	124,300									150
155	59.7	347.7	89,200	119,200									155
160	58.0	344.6	85,400	114,500									160
165	56.2	341.3	81,800	110,000									165
170	54.4	337.7	78,400	104,500									170
175	52.6	333.9	75,200	98,900	57.9	339.6	67,500	96,000					175
180	50.7	329.8	72,200	93,800	56.2	336.3	64,800	92,400					180
185	48.8	325.5	69,400	89,000	54.4	332.7	62,100	89,100					185
190	46.8	320.8	66,700	84,600	52.5	328.9	59,600	86,000					190
195	44.8	315.8	64,100	80,500	50.7	324.8	57,300	83,000					195
200	42.6	310.4	61,700	76,700	48.7	320.4	55,000	80,200					200
205	40.4	304.6	59,400	73,100	46.7	315.8	52,900	77,600	52.3	322.2	46,600	72,700	205
210	38.0	298.3	57,200	69,700	44.7	310.7	50,900	75,000	50.4	318.1	44,700	70,300	210
215	35.6	291.4	55,100	66,600	42.5	305.3	48,900	72,600	48.5	313.7	42,900	68,000	215
220	32.9	283.8	53,000	63,600	40.3	299.5	47,100	70,300	46.5	309.0	41,200	65,800	220
225	30.1	275.4	51,100	60,700	37.9	293.2	45,300	68,100	44.4	303.9	39,600	63,700	225
230	26.9	265.8	49,200	58,100	35.5	286.2	43,600	66,000	42.2	298.4	38,000	61,800	230
235	23.4	254.8	47,500	55,500	32.8	278.6	41,900	63,600	40.0	292.5	36,500	59,800	235
240	19.2	241.4	45,700	53,000	30.0	270.2	40,300	60,800	37.6	286.1	35,000	58,000	240
245	13.9	223.7	44,000	50,600	26.8	260.6	38,800	58,100	35.1	279.1	33,700	56,300	245
250	2.5	184.9	42,100	44,800	23.3	249.5	37,300	55,600	32.4	271.4	32,300	54,600	250
260					13.6	218.0	34,500	50,700	26.4	253.1	29,800	51,400	260
270									18.4	227.8	27,300	48,400	270

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



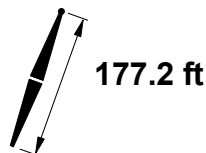
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	72.6	390.8	137,200	137,200									90
95	71.2	389.1	137,200	137,200									95
100	69.8	387.2	137,000	137,000	71.6	388.8	135,000	135,000					100
105	68.4	385.2	135,600	135,600	70.1	386.9	135,000	135,000					105
110	66.9	383.1	134,100	134,100	68.7	385.0	135,000	135,000					110
115	65.5	380.8	131,800	131,800	67.3	382.9	135,000	135,000					115
120	64.0	378.4	124,300	124,300	65.8	380.7	134,400	134,400	68.5	383.2	129,900	129,900	120
125	62.5	375.8	117,700	117,700	64.4	378.3	130,900	130,900	67.1	381.1	126,600	129,900	125
130	61.0	373.0	111,700	111,700	62.9	375.7	123,100	123,100	65.6	378.8	120,300	129,900	130
135	59.5	370.1	106,300	106,300	61.4	373.0	116,000	116,000	64.2	376.4	114,500	129,900	135
140	57.9	366.9	101,500	101,500	59.9	370.1	109,500	109,500	62.7	373.8	109,100	122,300	140
145	56.3	363.6	96,500	96,500	58.3	367.0	103,500	103,500	61.2	371.0	104,200	115,300	145
150	54.7	360.1	91,500	91,500	56.7	363.7	98,000	98,000	59.6	368.1	99,600	108,800	150
155	53.1	356.3	86,900	86,900	55.1	360.2	92,900	92,900	58.1	365.0	95,300	102,900	155
160	51.4	352.3	82,600	82,600	53.5	356.5	88,200	88,200	56.5	361.7	91,300	97,500	160
165	49.6	348.1	78,600	78,600	51.8	352.6	83,800	83,800	54.9	358.2	87,600	92,400	165
170	47.9	343.6	74,800	74,800	50.1	348.4	79,600	79,600	53.2	354.4	84,100	87,600	170
175	46.0	338.8	71,300	71,300	48.3	344.0	75,800	75,800	51.5	350.5	80,800	83,200	175
180	44.1	333.7	68,000	68,000	46.5	339.3	72,200	72,200	49.8	346.3	77,700	79,100	180
185	42.2	328.2	64,900	64,900	44.6	334.2	68,800	68,800	48.0	341.8	74,700	75,300	185
190	40.1	322.3	61,900	61,900	42.6	328.8	65,700	65,700	46.2	337.0	71,800	71,800	190
195	38.0	316.0	59,200	59,200	40.6	323.1	62,700	62,700	44.3	331.9	68,400	68,400	195
200	35.7	309.2	56,500	56,500	38.5	316.9	59,900	59,900	42.3	326.5	65,300	65,300	200
205	33.4	301.7	54,000	54,000	36.3	310.1	57,200	57,200	40.3	320.7	62,400	62,400	205
210	30.8	293.5	51,600	51,600	34.0	302.8	54,700	54,700	38.2	314.4	59,600	59,600	210
215	28.1	284.4	49,400	49,400	31.5	294.8	52,300	52,300	35.9	307.6	56,900	56,900	215
220	25.0	274.0	47,100	47,100	28.8	285.9	50,000	50,000	33.6	300.2	54,400	54,400	220
225	21.6	262.0	44,400	44,400	25.8	275.9	47,800	47,800	31.1	292.0	52,000	52,000	225
230	17.5	247.3	41,300	41,300	22.5	264.3	45,400	45,400	28.3	283.0	49,700	49,700	230
235	12.0	227.2	35,100	35,100	18.5	250.4	42,900	42,900	25.3	272.8	47,600	47,600	235
240					13.5	232.1	38,400	38,400	21.9	260.9	45,500	45,500	240
245					4.0	196.6	30,300	30,300	17.9	246.5	43,000	43,000	245
250									12.6	227.1	40,100	40,100	250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-2

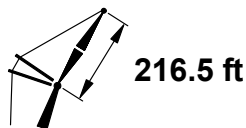
ASME B30.5



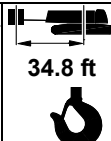
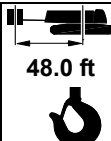
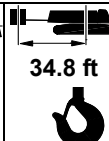
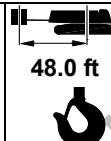
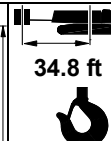
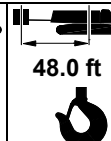
386,000 lb



177.2 ft



216.5 ft

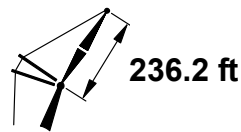
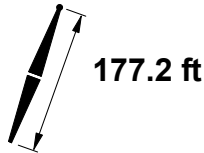
	 75°				 70°				 65°					
 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft	
90														90
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155	62.7	370.3	87,000	117,600										155
160	61.2	367.6	83,200	112,900										160
165	59.7	364.7	79,600	108,400										165
170	58.1	361.6	76,200	103,400										170
175	56.5	358.3	73,100	97,800										175
180	54.9	354.8	70,100	92,700										180
185	53.3	351.0	67,300	87,900	58.1	356.6	59,800	87,500						185
190	51.6	347.1	64,600	83,500	56.5	353.3	57,400	84,300						190
195	49.9	342.9	62,100	79,400	54.9	349.8	55,000	81,400						195
200	48.1	338.4	59,700	75,600	53.2	346.0	52,800	78,600						200
205	46.3	333.7	57,400	72,100	51.5	342.1	50,700	76,000						205
210	44.4	328.6	55,200	68,700	49.8	337.9	48,700	73,500						210
215	42.4	323.1	53,100	65,600	48.0	333.4	46,800	71,100	53.0	339.4	40,600	66,300		215
220	40.4	317.3	51,100	62,600	46.2	328.6	44,900	68,800	51.3	335.4	38,900	64,100		220
225	38.3	311.1	49,200	59,800	44.3	323.5	43,200	66,600	49.6	331.2	37,300	62,100		225
230	36.0	304.3	47,400	57,200	42.3	318.1	41,500	64,500	47.8	326.6	35,700	60,100		230
235	33.7	296.9	45,600	54,700	40.3	312.2	39,900	62,500	45.9	321.8	34,300	58,200		235
240	31.1	288.8	44,000	52,300	38.2	306.0	38,300	59,900	44.0	316.7	32,800	56,400		240
245	28.4	279.8	42,300	50,000	35.9	299.1	36,800	57,200	42.1	311.2	31,500	54,700		245
250	25.4	269.6	40,800	47,800	33.6	291.7	35,400	54,700	40.0	305.3	30,200	53,000		250
260	18.0	243.5	37,800	43,700	28.3	274.6	32,700	50,100	35.6	292.1	27,700	49,900		260
270					21.9	252.5	30,100	45,800	30.7	276.3	25,400	47,000		270
280					12.6	218.6	27,700	41,800	24.9	256.7	23,200	44,300		280
290									17.2	229.7	21,100	41,700		290

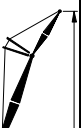
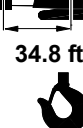
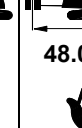
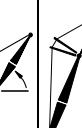
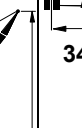
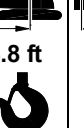
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



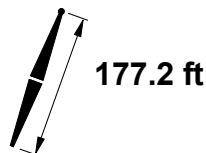
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	72.8	409.8	114,900	114,900									95
100	71.6	408.2	112,100	112,100									100
105	70.3	406.4	109,500	109,500	71.9	407.8	113,000	113,000					105
110	69.0	404.4	107,000	107,000	70.6	406.1	110,400	110,400					110
115	67.7	402.4	104,600	104,600	69.3	404.2	107,900	107,900					115
120	66.3	400.2	102,400	102,400	68.0	402.2	105,600	105,600					120
125	65.0	397.9	100,200	100,200	66.7	400.0	103,400	103,400					125
130	63.6	395.4	98,200	98,200	65.3	397.7	101,200	101,200	67.8	400.4	105,300	105,300	130
135	62.3	392.7	96,300	96,300	64.0	395.3	99,200	99,200	66.5	398.2	103,200	103,200	135
140	60.9	390.0	94,500	94,500	62.6	392.7	97,200	97,200	65.1	395.8	101,100	101,100	140
145	59.5	387.0	92,800	92,800	61.2	389.9	95,500	95,500	63.8	393.4	99,200	99,200	145
150	58.1	383.9	90,900	90,900	59.8	387.0	93,700	93,700	62.4	390.8	97,300	97,300	150
155	56.6	380.6	86,400	86,400	58.4	383.9	92,100	92,100	61.0	388.0	94,700	95,600	155
160	55.1	377.1	82,200	82,200	57.0	380.7	87,700	87,700	59.6	385.1	90,800	93,900	160
165	53.6	373.5	78,200	78,200	55.5	377.3	83,400	83,400	58.2	382.0	87,000	91,900	165
170	52.1	369.6	74,500	74,500	54.0	373.6	79,300	79,300	56.7	378.7	83,500	87,200	170
175	50.5	365.5	71,000	71,000	52.5	369.8	75,500	75,500	55.3	375.2	80,200	82,900	175
180	48.9	361.1	67,700	67,700	50.9	365.8	71,900	71,900	53.8	371.6	77,200	78,800	180
185	47.3	356.5	64,600	64,600	49.3	361.5	68,500	68,500	52.2	367.7	74,200	75,000	185
190	45.6	351.7	61,700	61,700	47.7	356.9	65,400	65,400	50.7	363.6	71,300	71,500	190
195	43.8	346.5	58,900	58,900	46.0	352.1	62,400	62,400	49.0	359.3	68,100	68,100	195
200	42.0	341.0	56,300	56,300	44.2	347.0	59,600	59,600	47.4	354.7	65,000	65,000	200
205	40.1	335.1	53,800	53,800	42.5	341.6	57,000	57,000	45.7	349.9	62,100	62,100	205
210	38.2	328.8	51,500	51,500	40.6	335.8	54,500	54,500	44.0	344.7	59,300	59,300	210
215	36.2	322.0	49,200	49,200	38.7	329.6	52,100	52,100	42.2	339.2	56,700	56,700	215
220	34.0	314.7	47,100	47,100	36.7	323.0	49,800	49,800	40.3	333.4	54,200	54,200	220
225	31.7	306.8	45,100	45,100	34.5	315.8	47,700	47,700	38.4	327.2	51,800	51,800	225
230	29.3	298.1	43,100	43,100	32.3	308.0	45,600	45,600	36.3	320.4	49,600	49,600	230
235	26.7	288.4	41,000	41,000	29.9	299.5	43,600	43,600	34.2	313.2	47,500	47,500	235
240	23.7	277.4	38,600	38,600	27.3	290.1	41,800	41,800	31.9	305.3	45,400	45,400	240
245	20.4	264.6	36,300	36,300	24.5	279.5	39,600	39,600	29.5	296.7	43,500	43,500	245
250	16.4	249.0	34,000	34,000	21.2	267.2	37,200	37,200	26.9	287.1	41,600	41,600	250
260					12.5	232.8	31,600	31,600	20.7	263.6	37,300	37,300	260
270									11.6	227.5	32,800	32,800	270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-2

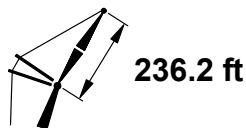
ASME B30.5



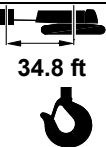
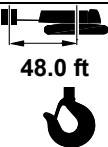
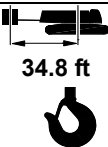
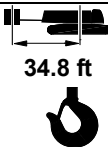
386,000 lb



177.2 ft



236.2 ft

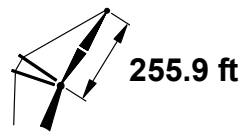
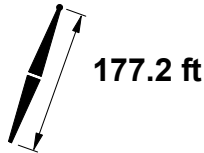
	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160	63.8	389.9	82,200	98,700										160
165	62.4	387.3	78,600	97,000										165
170	61.1	384.6	75,300	95,400										170
175	59.7	381.6	72,200	93,800										175
180	58.2	378.5	69,200	92,300										180
185	56.8	375.3	66,400	87,600										185
190	55.3	371.8	63,700	83,200										190
195	53.8	368.2	61,200	79,100	58.2	373.6	54,000	80,700						195
200	52.3	364.3	58,800	75,300	56.7	370.3	51,800	77,900						200
205	50.7	360.2	56,600	71,700	55.3	366.8	49,700	75,300						205
210	49.1	355.9	54,400	68,400	53.7	363.2	47,700	72,800						210
215	47.5	351.3	52,300	65,300	52.2	359.3	45,800	70,400						215
220	45.8	346.5	50,400	62,300	50.6	355.2	44,000	68,100						220
225	44.0	341.4	48,500	59,500	49.0	350.9	42,300	66,000	53.5	356.5	36,200	61,300		225
230	42.2	335.9	46,700	56,900	47.4	346.3	40,600	63,900	52.0	352.6	34,700	59,400		230
235	40.4	330.1	44,900	54,400	45.7	341.5	39,000	61,900	50.4	348.5	33,300	57,500		235
240	38.4	323.8	43,300	52,100	44.0	336.3	37,500	59,600	48.8	344.2	31,900	55,700		240
245	36.4	317.1	41,700	49,800	42.2	330.8	36,000	57,000	47.2	339.6	30,500	54,000		245
250	34.3	309.9	40,200	47,700	40.3	325.0	34,600	54,500	45.5	334.7	29,200	52,300		250
260	29.6	293.4	37,300	43,700	36.3	312.0	32,000	49,900	41.9	323.9	26,800	49,200		260
270	24.1	273.1	34,500	40,000	31.9	296.9	29,500	45,700	38.1	311.7	24,500	46,400		270
280	17.0	245.4	32,000	35,800	26.9	278.6	27,200	41,900	33.9	297.6	22,400	43,700		280
290					20.7	255.2	25,000	38,400	29.2	280.9	20,400	41,200		290
300					11.6	219.0	22,800	34,200	23.6	260.1	18,600	38,900		300
310									16.2	231.4	16,700	36,600		310

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



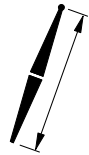
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.0	428.9	98,100	98,100									100
105	71.9	427.3	97,700	97,700									105
110	70.7	425.5	97,200	97,200									110
115	69.5	423.6	96,700	96,700	71.0	425.2	95,800	95,800					115
120	68.3	421.6	95,200	95,200	69.8	423.4	95,500	95,500					120
125	67.1	419.5	93,400	93,400	68.6	421.4	95,100	95,100					125
130	65.8	417.3	91,700	91,700	67.3	419.3	94,200	94,200					130
135	64.6	414.9	90,200	90,200	66.1	417.1	92,600	92,600	68.4	419.6	91,500	91,500	135
140	63.3	412.4	88,700	88,700	64.9	414.7	91,000	91,000	67.2	417.5	91,400	91,400	140
145	62.1	409.7	87,200	87,200	63.6	412.3	89,500	89,500	65.9	415.2	91,300	91,300	145
150	60.8	406.9	85,900	85,900	62.4	409.6	88,000	88,000	64.7	412.9	90,900	90,900	150
155	59.5	404.0	82,400	82,400	61.1	406.9	86,700	86,700	63.4	410.4	89,600	89,600	155
160	58.2	400.9	78,200	78,200	59.8	404.0	84,100	84,100	62.2	407.7	88,100	88,100	160
165	56.8	397.6	74,200	74,200	58.5	400.9	79,800	79,800	60.9	405.0	85,900	86,900	165
170	55.5	394.2	70,300	70,300	57.2	397.7	75,800	75,800	59.6	402.0	82,300	84,100	170
175	54.1	390.6	66,700	66,700	55.8	394.3	71,900	71,900	58.3	398.9	78,900	79,900	175
180	52.7	386.8	63,200	63,200	54.4	390.7	68,100	68,100	56.9	395.7	75,700	75,900	180
185	51.2	382.8	59,900	59,900	53.0	387.0	64,500	64,500	55.6	392.3	71,900	71,900	185
190	49.8	378.5	56,700	56,700	51.6	383.0	61,100	61,100	54.2	388.7	68,200	68,200	190
195	48.3	374.1	53,500	53,500	50.1	378.8	57,800	57,800	52.8	384.9	64,600	64,600	195
200	46.8	369.4	50,200	50,200	48.6	374.5	54,700	54,700	51.4	380.9	61,200	61,200	200
205	45.2	364.5	47,100	47,100	47.1	369.8	51,700	51,700	49.9	376.7	57,900	57,900	205
210	43.6	359.3	44,000	44,000	45.6	365.0	48,400	48,400	48.4	372.3	54,800	54,800	210
215	41.9	353.7	41,100	41,100	44.0	359.8	45,300	45,300	46.9	367.6	51,700	51,700	215
220	40.2	347.8	38,300	38,300	42.3	354.4	42,400	42,400	45.3	362.7	48,700	48,700	220
225	38.4	341.6	35,600	35,600	40.6	348.6	39,400	39,400	43.7	357.5	45,500	45,500	225
230	36.5	334.9	33,000	33,000	38.8	342.4	36,700	36,700	42.0	352.0	42,500	42,500	230
235	34.5	327.7	30,600	30,600	37.0	335.8	34,000	34,000	40.3	346.2	39,600	39,600	235
240	32.5	320.0	28,100	28,100	35.0	328.8	31,500	31,500	38.5	339.9	36,900	36,900	240
245	30.3	311.6	25,900	25,900	33.0	321.2	29,000	29,000	36.7	333.3	34,200	34,200	245
250	27.9	302.4	23,600	23,600	30.8	312.9	26,700	26,700	34.7	326.2	31,700	31,700	250
260	22.6	280.6	19,200	19,200	26.0	294.0	22,200	22,200	30.5	310.1	26,900	26,900	260
270	15.5	250.5	14,800	14,800	20.2	269.8	17,800	17,800	25.6	290.9	22,300	22,300	270
280					11.7	233.2	13,500	13,500	19.6	266.1	18,000	18,000	280
290									10.7	227.6	13,700	13,700	290
300													300
310													310
320													320
330													330

MLC300 VPC-MAX S-2

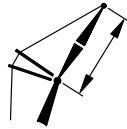
ASME B30.5



386,000 lb



177.2 ft



255.9 ft

	75°				70°				65°				
	ft	ft	lb	lb	ft	lb	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	73,600	83,700									170
175	62.2	404.3	70,500	83,700									175
180	60.9	401.5	67,500	83,700									180
185	59.6	398.6	64,800	83,700									185
190	58.3	395.5	62,100	80,400									190
195	57.0	392.3	59,600	76,500									195
200	55.6	388.8	57,200	72,600									200
205	54.3	385.3	55,000	68,900	58.3	390.5	48,000	74,000					205
210	52.9	381.5	52,800	65,300	56.9	387.3	46,000	71,500					210
215	51.4	377.5	50,800	61,900	55.6	383.9	44,100	69,200					215
220	50.0	373.3	48,800	58,600	54.2	380.3	42,300	66,900					220
225	48.5	368.9	47,000	55,500	52.8	376.5	40,600	64,800					225
230	46.9	364.2	45,200	52,500	51.4	372.5	39,000	62,100					230
235	45.4	359.3	43,500	49,600	49.9	368.3	37,400	58,800					235
240	43.8	354.1	41,800	46,600	48.4	363.9	35,900	55,800	52.6	369.8	30,100	54,400	240
245	42.1	348.7	40,200	43,500	46.9	359.2	34,400	52,800	51.2	365.8	28,800	52,700	245
250	40.4	342.8	38,700	40,600	45.3	354.3	33,100	50,000	49.7	361.6	27,500	51,100	250
260	36.7	330.0	35,100	35,100	42.0	343.6	30,400	44,100	46.7	352.4	25,100	48,000	260
270	32.7	315.2	30,000	30,000	38.5	331.5	28,000	38,400	43.5	342.2	22,900	45,200	270
280	28.2	297.8	25,300	25,300	34.7	317.7	25,700	33,000	40.1	330.8	20,800	41,300	280
290	22.9	276.3	21,000	21,000	30.5	301.7	23,600	28,200	36.4	317.8	18,900	35,800	290
300	16.0	247.0	16,600	16,600	25.6	282.4	21,600	23,700	32.4	302.9	17,100	30,800	300
310					19.6	257.7	19,300	19,300	27.8	285.2	15,300	26,100	310
320					10.7	219.1	15,100	15,100	22.4	263.2	13,700	21,800	320
330									15.2	232.8	12,100	17,600	330

MLC300 VPC-MAX S-2

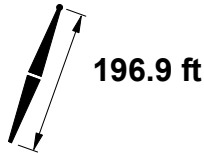
ASME B30.5



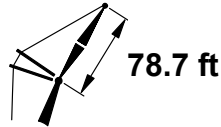
386,000 lb



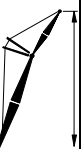
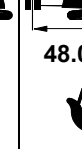
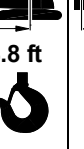
360°



196.9 ft



78.7 ft

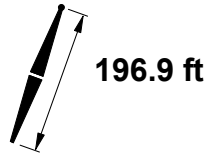
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
50	73.0	279.1	302,200 d	302,200 d									50
55	69.1	277.1	290,800 c	290,800 c									55
60	65.1	274.8	268,200 c	268,200 c	70.6	277.1	305,100 d	305,100 d					60
65	61.0	272.0	242,200 b	242,200 b	66.7	274.9	291,800 c	291,800 c					65
70	56.6	268.8	221,300 b	221,300 b	62.6	272.4	276,500 b	276,500 b					70
75	52.0	264.9	204,000	204,000	58.3	269.3	249,500 b	249,500 b	66.9	273.4	255,600 c	297,500 c	75
80	47.1	260.3	189,600	189,600	53.8	265.6	228,000	228,000	62.8	270.9	236,000 b	285,000 b	80
85	41.7	254.8	177,600	177,600	49.0	261.3	210,400	210,400	58.5	267.8	219,000 b	272,700 b	85
90	35.6	248.1	167,600	167,600	43.8	256.2	195,800	195,800	54.0	264.2	204,200	258,100	90
95	28.3	239.4	159,600	159,600	38.0	250.0	183,600	183,600	49.2	259.9	191,100	237,500	95
100	18.2	226.5	154,100	154,100	31.2	242.2	173,500	173,500	44.1	254.9	179,500	219,400	100
105					22.6	231.4	165,800	165,800	38.3	248.7	169,100	204,500	105
110									31.6	241.0	159,700	192,200	110
115									23.1	230.4	151,100	182,300	115
120									6.6	208.3	143,000	153,600	120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165

MLC300 VPC-MAX S-2

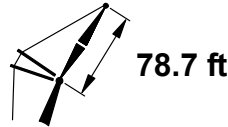
ASME B30.5



386,000 lb



196.9 ft



78.7 ft

	75°				70°				65°				
ft	ft	ft	lb	lb	ft	ft	lb	lb	ft	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	169,100 b	216,900 b									105
110	55.7	261.7	159,300 b	204,500 b									110
115	51.1	257.7	150,500	193,400									115
120	46.0	252.9	142,500	183,400									120
125	40.5	247.2	135,300	174,200	57.0	257.4	127,000 b	166,000 b					125
130	34.2	240.2	128,600	165,800	52.4	253.5	120,800	158,000					130
135	26.6	230.9	122,400	158,100	47.5	249.0	115,100	150,700					135
140	15.3	216.3	116,600	150,800	42.2	243.6	109,800	144,000					140
145					36.2	237.0	104,900	137,800	53.3	247.5	97,500	131,100	145
150					29.0	228.5	100,300	131,900	48.5	243.1	93,300	125,600	150
155					19.3	216.2	95,900	126,400	43.2	237.9	89,300	120,500	155
160									37.3	231.6	85,600	115,700	160
165									30.4	223.5	82,100	111,200	165
									21.4	212.2	78,700	107,000	165

MLC300 VPC-MAX S-2

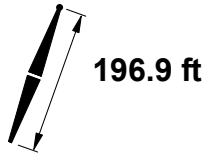
ASME B30.5



386,000 lb



360°



85°					83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55	73.5	298.1	251,600 c	251,600 c									55
60	70.4	296.3	248,100 c	248,100 c									60
65	67.2	294.2	245,000 b	245,000 b	71.6	296.3	250,200 c	250,200 c					65
70	64.0	291.8	225,400 b	225,400 b	68.4	294.3	247,400 b	247,400 b					70
75	60.7	289.0	206,600	206,600	65.2	292.0	241,300 b	241,300 b					75
80	57.2	285.8	190,900	190,900	61.9	289.3	229,200	229,200	68.6	292.7	234,800 b	247,700 b	80
85	53.6	282.1	177,600	177,600	58.5	286.2	216,900	216,900	65.4	290.4	217,900 b	243,300 b	85
90	49.8	277.9	166,300	166,300	55.0	282.8	200,100	200,100	62.1	287.8	203,100	231,700	90
95	45.8	273.1	156,600	156,600	51.3	278.8	186,100	186,100	58.7	284.8	190,100	220,500	95
100	41.4	267.6	148,300	148,300	47.3	274.2	174,100	174,100	55.2	281.3	178,600	209,800	100
105	36.6	261.0	141,200	141,200	43.1	269.0	164,000	164,000	51.5	277.4	168,300	199,800	105
110	31.2	253.1	135,200	135,200	38.5	262.8	155,300	155,300	47.5	272.8	159,000	190,400	110
115	24.6	242.9	130,600	130,600	33.3	255.5	147,900	147,900	43.3	267.6	150,600	181,800	115
120	15.3	227.8	126,400	126,400	27.2	246.3	141,800	141,800	38.7	261.5	142,900	173,800	120
125					19.4	233.7	137,300	137,300	33.6	254.2	135,900	163,400	125
130									27.6	245.2	129,400	152,600	130
135									19.8	232.9	123,400	142,700	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-2

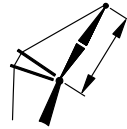
ASME B30.5



386,000 lb



196.9 ft



98.4 ft

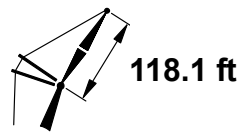
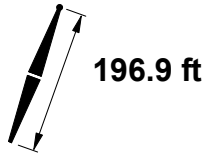
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.3	284.9	158,000	203,200									105
110	60.0	282.0	149,300	192,200									110
115	56.5	278.7	141,400	182,200									115
120	52.9	275.0	134,200	173,200									120
125	49.0	270.7	127,600	164,900									125
130	44.9	265.7	121,600	157,300	57.5	274.4	113,700	149,400					130
135	40.5	260.0	116,100	150,300	53.9	270.7	108,500	142,800					135
140	35.6	253.2	110,900	143,800	50.1	266.6	103,700	136,600					140
145	30.0	244.9	106,100	137,800	46.1	261.8	99,300	130,900					145
150	23.0	234.1	101,600	132,100	41.8	256.4	95,100	125,600					150
155	12.5	216.8	97,300	126,800	37.1	249.9	91,200	120,700	50.9	260.6	83,900	114,500	155
160					31.7	242.1	87,600	116,100	46.9	256.0	80,500	110,100	160
165					25.2	232.2	84,100	111,700	42.6	250.6	77,400	106,000	165
170					16.3	217.8	80,800	107,500	38.0	244.4	74,300	102,100	170
175									32.7	236.9	71,500	98,500	175
180									26.5	227.5	68,700	95,000	180
185									18.3	214.3	66,100	91,700	185

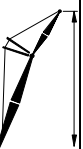
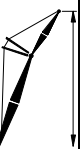
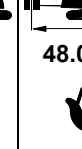
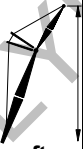
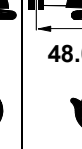
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



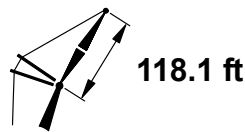
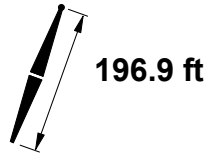
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
60	73.8	317.2	241,400 b	241,400 b									60
65	71.2	315.5	234,200 b	234,200 b									65
70	68.6	313.5	226,900	226,900									70
75	66.0	311.3	207,700	207,700	69.6	313.5	238,500	238,500					75
80	63.3	308.8	191,300	191,300	67.0	311.4	230,000	230,000					80
85	60.5	305.9	177,600	177,600	64.3	309.0	221,600	221,600					85
90	57.6	302.8	165,900	165,900	61.5	306.2	204,000	204,000	67.1	309.8	200,500	235,600	90
95	54.6	299.2	155,800	155,800	58.7	303.2	188,900	188,900	64.4	307.4	187,600	227,600	95
100	51.5	295.3	146,900	146,900	55.8	299.8	176,200	176,200	61.7	304.8	176,100	219,600	100
105	48.3	290.9	139,200	139,200	52.7	296.0	165,300	165,300	58.8	301.7	165,800	211,000	105
110	44.9	285.9	132,300	132,300	49.5	291.8	155,800	155,800	55.9	298.4	156,600	199,500	110
115	41.2	280.3	126,300	126,300	46.2	287.1	147,400	147,400	52.9	294.6	148,300	189,000	115
120	37.3	273.9	121,200	121,200	42.6	281.7	140,100	140,100	49.7	290.4	140,700	175,300	120
125	32.9	266.4	116,700	116,700	38.8	275.6	133,700	133,700	46.4	285.7	133,700	163,300	125
130	27.9	257.4	113,000	113,000	34.6	268.6	128,200	128,200	42.8	280.4	127,400	152,600	130
135	21.8	245.9	110,200	110,200	29.9	260.2	123,500	123,500	39.0	274.3	121,500	143,100	135
140	13.1	228.6	98,200	98,200	24.3	249.8	118,800	118,800	34.8	267.3	116,100	134,400	140
145					17.0	235.5	109,100	109,100	30.2	259.0	111,100	126,600	145
150									24.6	248.8	106,400	119,400	150
155									17.4	234.8	101,900	112,700	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-2

ASME B30.5



386,000 lb



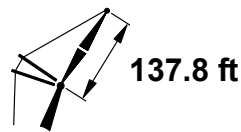
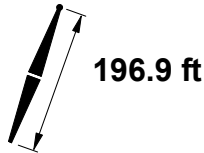
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.7	301.9	138,600	179,400									115
120	59.9	299.0	131,400	170,400									120
125	57.0	295.7	124,900	162,200									125
130	54.0	292.1	119,000	154,700									130
135	50.9	288.1	113,500	147,700									135
140	47.6	283.6	108,400	141,300	57.9	291.3	100,500	133,700					140
145	44.2	278.5	103,700	135,400	54.9	287.8	96,100	128,100					145
150	40.5	272.7	99,400	129,900	51.8	283.9	92,000	122,900					150
155	36.4	266.1	95,300	124,700	48.6	279.6	88,200	118,000					155
160	32.0	258.4	91,500	119,900	45.2	274.6	84,600	113,500					160
165	26.8	249.0	87,900	115,400	41.6	269.1	81,300	109,200	52.4	277.9	73,400	103,100	165
170	20.4	236.7	84,400	111,100	37.7	262.8	78,100	105,200	49.2	273.6	70,400	99,300	170
175	10.4	216.7	81,100	107,000	33.3	255.4	75,100	101,400	45.8	268.8	67,700	95,700	175
180					28.4	246.5	72,200	97,800	42.3	263.4	65,100	92,300	180
185					22.4	235.3	69,400	94,400	38.4	257.2	62,600	89,200	185
190					14.1	218.9	66,700	91,100	34.2	250.0	60,300	86,200	190
195									29.4	241.5	58,000	83,300	195
200									23.7	230.8	55,800	80,500	200
205									16.0	215.9	53,700	77,900	205

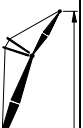
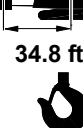
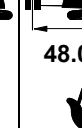
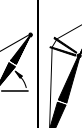
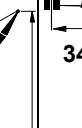
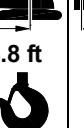
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



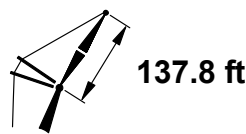
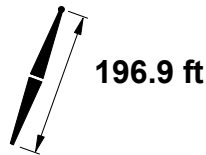
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	71.8	334.6	205,900	205,900									70
75	69.6	332.7	194,200	194,200									75
80	67.4	330.6	183,100	183,100	70.4	332.7	199,400	199,400					80
85	65.1	328.3	172,600	172,600	68.2	330.7	188,300	188,300					85
90	62.7	325.7	162,700	162,700	65.9	328.4	177,600	177,600					90
95	60.3	322.9	153,500	153,500	63.6	325.9	167,500	167,500	68.3	329.1	186,400	189,000	95
100	57.9	319.8	144,900	144,900	61.2	323.2	158,000	158,000	66.0	326.9	174,900	178,800	100
105	55.3	316.3	136,900	136,900	58.8	320.2	149,200	149,200	63.7	324.4	164,700	168,900	105
110	52.7	312.5	129,600	129,600	56.3	316.9	140,900	140,900	61.4	321.7	155,500	159,500	110
115	50.0	308.4	122,700	122,700	53.7	313.2	133,200	133,200	58.9	318.7	147,200	150,700	115
120	47.2	303.8	116,300	116,300	51.1	309.2	126,100	126,100	56.4	315.4	139,600	142,400	120
125	44.3	298.7	110,400	110,400	48.3	304.8	119,400	119,400	53.9	311.8	132,700	134,700	125
130	41.1	293.0	104,800	104,800	45.4	299.9	113,300	113,300	51.2	307.8	126,400	127,500	130
135	37.8	286.7	99,700	99,700	42.3	294.4	107,500	107,500	48.4	303.4	120,600	120,800	135
140	34.1	279.5	94,900	94,900	39.0	288.4	102,200	102,200	45.5	298.5	114,500	114,500	140
145	30.1	271.1	90,400	90,400	35.5	281.5	97,200	97,200	42.5	293.1	108,700	108,700	145
150	25.4	261.1	86,300	86,300	31.6	273.6	92,600	92,600	39.2	287.1	103,300	103,300	150
155	19.7	248.4	82,400	82,400	27.2	264.3	88,300	88,300	35.7	280.3	98,300	98,300	155
160	11.3	228.8	79,000	79,000	22.0	252.8	84,300	84,300	31.8	272.4	93,500	93,500	160
165					15.1	236.8	80,700	80,700	27.5	263.2	89,100	89,100	165
170									22.3	251.8	85,100	85,100	170
175									15.5	236.2	81,400	81,400	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-2

ASME B30.5



386,000 lb



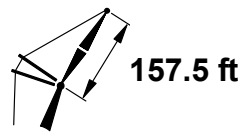
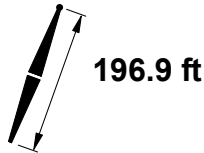
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.2	318.8	123,700	160,900									125
130	59.8	315.9	117,700	153,400									130
135	57.4	312.7	112,300	146,100									135
140	54.8	309.2	107,300	138,300									140
145	52.2	305.4	102,600	131,000									145
150	49.5	301.1	98,300	124,200	58.1	308.3	90,200	121,500					150
155	46.6	296.4	94,200	117,800	55.6	304.9	86,400	116,700					155
160	43.6	291.2	90,500	111,800	53.0	301.1	82,900	112,200					160
165	40.5	285.5	86,900	106,300	50.3	297.0	79,500	108,000					165
170	37.0	279.0	83,600	101,000	47.5	292.5	76,400	104,000					170
175	33.3	271.6	80,500	96,200	44.5	287.4	73,500	100,300	53.5	295.1	65,800	94,300	175
180	29.2	262.9	77,500	91,600	41.4	281.8	70,700	96,800	50.8	291.0	63,300	91,000	180
185	24.4	252.5	74,700	87,400	38.1	275.6	68,000	93,500	48.0	286.5	60,900	87,900	185
190	18.3	238.9	72,000	83,500	34.4	268.4	65,500	90,300	45.1	281.6	58,600	84,900	190
195	8.5	215.8	69,400	80,200	30.4	260.2	63,100	87,300	42.0	276.1	56,400	82,100	195
200					25.8	250.4	60,800	84,500	38.7	270.0	54,300	79,400	200
205					20.3	237.9	58,600	81,700	35.1	263.0	52,300	76,900	205
210					12.3	219.4	56,400	79,100	31.2	255.0	50,400	74,500	210
215									26.7	245.5	48,600	72,200	215
220									21.4	233.7	46,800	69,900	220
225									14.1	216.9	45,000	67,700	225

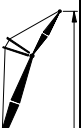
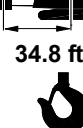
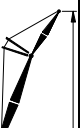
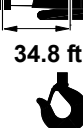
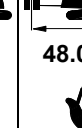
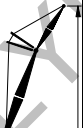
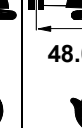
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



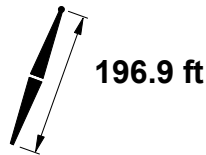
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	72.3	353.7	190,100	190,100									75
80	70.3	351.9	187,200	187,200									80
85	68.4	349.9	181,500	181,500	71.1	351.8	189,600	189,600					85
90	66.4	347.7	168,100	168,100	69.1	349.9	187,900	187,900					90
95	64.4	345.3	156,800	156,800	67.1	347.8	185,600	185,600					95
100	62.3	342.7	147,100	147,100	65.1	345.5	179,500	179,900					100
105	60.2	339.8	138,500	138,500	63.1	342.9	168,900	172,300	67.2	346.3	161,900	185,700	105
110	58.1	336.7	131,100	131,100	61.0	340.2	159,400	160,700	65.2	343.9	152,800	184,500	110
115	55.9	333.4	124,400	124,400	58.9	337.1	150,800	150,800	63.2	341.4	144,500	180,100	115
120	53.6	329.7	118,500	118,500	56.7	333.9	142,300	142,300	61.1	338.7	137,000	174,000	120
125	51.3	325.7	113,100	113,100	54.5	330.3	134,800	134,800	59.0	335.7	130,100	161,900	125
130	48.9	321.4	108,400	108,400	52.2	326.4	128,100	128,100	56.8	332.4	123,800	151,200	130
135	46.4	316.6	104,100	104,100	49.8	322.2	122,300	122,300	54.6	328.9	118,100	141,600	135
140	43.8	311.5	100,300	100,300	47.3	317.7	117,000	117,000	52.3	325.0	112,700	133,000	140
145	41.0	305.8	96,800	96,800	44.8	312.7	111,200	111,200	49.9	320.8	107,800	125,200	145
150	38.1	299.5	93,700	93,700	42.1	307.2	105,400	105,400	47.5	316.3	103,200	118,200	150
155	35.0	292.5	91,000	91,000	39.2	301.1	99,900	99,900	44.9	311.3	98,900	111,700	155
160	31.6	284.6	88,500	88,500	36.2	294.4	94,900	94,900	42.2	305.8	94,900	105,800	160
165	27.8	275.4	84,200	84,200	32.9	286.9	90,300	90,300	39.4	299.8	91,200	100,300	165
170	23.4	264.5	80,200	80,200	29.2	278.2	85,900	85,900	36.3	293.2	87,700	95,300	170
175	18.0	250.4	74,600	74,600	25.1	268.0	81,800	81,800	33.0	285.6	84,300	90,600	175
180	9.8	228.5	62,700	62,700	20.2	255.4	78,000	78,000	29.4	277.1	81,200	86,300	180
185					13.5	237.7	70,100	70,100	25.3	267.0	78,200	82,200	185
190									20.4	254.5	75,400	78,300	190
195									13.9	237.2	72,700	74,600	195
200													200
205													205
210													210
215													215
220													220
225													225
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235													235
240													240
245													245

MLC300 VPC-MAX S-2

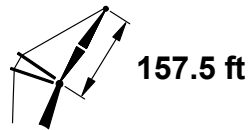
ASME B30.5



386,000 lb



196.9 ft



157.5 ft

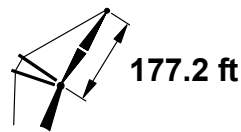
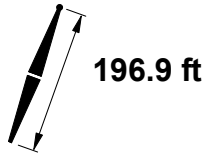
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	64.0	338.5	114,800	150,500									130
135	61.9	335.8	109,400	143,600									135
140	59.8	332.9	104,400	137,300									140
145	57.6	329.7	99,800	131,500									145
150	55.4	326.3	95,500	126,000									150
155	53.2	322.6	91,500	121,000									155
160	50.8	318.5	87,800	116,200	58.3	325.3	78,800	109,200					160
165	48.4	314.1	84,300	111,800	56.1	321.9	75,500	105,000					165
170	45.9	309.3	80,900	107,700	53.8	318.3	72,500	101,100					170
175	43.2	304.0	77,800	103,800	51.5	314.3	69,600	97,400					175
180	40.4	298.2	74,800	100,100	49.1	310.0	66,800	93,900					180
185	37.5	291.8	71,900	96,600	46.6	305.3	64,300	90,700					185
190	34.3	284.6	69,300	92,600	44.0	300.2	61,800	87,600	51.9	308.3	54,500	81,900	190
195	30.8	276.5	66,700	88,100	41.3	294.6	59,500	84,600	49.6	304.1	52,400	79,100	195
200	26.9	267.0	64,200	83,900	38.4	288.4	57,200	81,800	47.1	299.4	50,300	76,500	200
205	22.4	255.6	61,900	80,000	35.2	281.4	55,100	79,200	44.5	294.4	48,400	74,000	205
210	16.6	240.6	59,600	76,200	31.9	273.6	53,100	76,700	41.8	288.9	46,600	71,600	210
215	6.9	214.2	57,300	72,200	28.1	264.5	51,100	74,300	38.9	282.8	44,800	69,400	215
220					23.8	253.8	49,300	71,900	35.8	276.0	43,100	67,200	220
225					18.5	240.1	47,400	69,700	32.5	268.3	41,500	65,200	225
230					10.8	219.4	45,600	67,500	28.8	259.5	39,900	63,200	230
235									24.6	249.1	38,400	61,200	235
240									19.6	236.2	36,900	59,400	240
245									12.6	217.6	35,400	57,600	245

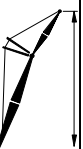
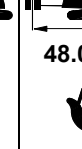
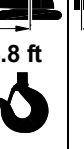
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



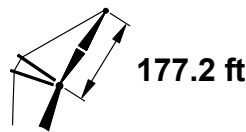
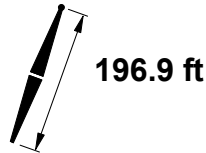
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
80	72.6	372.8	160,100	160,100									80
85	70.9	371.0	150,700	150,700									85
90	69.2	369.1	141,700	141,700	71.5	370.9	154,500	154,500					90
95	67.4	367.1	133,100	133,100	69.8	369.1	145,500	145,500					95
100	65.6	364.8	125,100	125,100	68.1	367.1	136,900	136,900					100
105	63.8	362.3	117,700	117,700	66.3	364.9	128,700	128,700					105
110	62.0	359.7	110,600	110,600	64.5	362.5	121,000	121,000	68.2	365.5	137,300	137,300	110
115	60.1	356.8	104,100	104,100	62.7	359.9	113,800	113,800	66.4	363.3	129,400	129,400	115
120	58.2	353.7	98,000	98,000	60.8	357.1	107,000	107,000	64.6	361.0	121,800	121,800	120
125	56.3	350.4	92,400	92,400	59.0	354.1	100,800	100,800	62.8	358.4	114,600	114,600	125
130	54.3	346.8	87,100	87,100	57.0	350.9	94,900	94,900	60.9	355.6	107,900	107,900	130
135	52.3	342.9	82,100	82,100	55.1	347.4	89,500	89,500	59.1	352.6	101,600	101,600	135
140	50.2	338.8	77,500	77,500	53.0	343.6	84,400	84,400	57.1	349.4	95,700	95,700	140
145	48.0	334.3	73,200	73,200	51.0	339.6	79,600	79,600	55.2	345.9	90,200	90,200	145
150	45.7	329.5	69,100	69,100	48.8	335.2	75,100	75,100	53.1	342.2	85,000	85,000	150
155	43.4	324.2	65,300	65,300	46.6	330.5	70,900	70,900	51.1	338.2	80,200	80,200	155
160	40.9	318.5	61,700	61,700	44.3	325.5	67,000	67,000	48.9	333.8	75,700	75,700	160
165	38.4	312.3	58,300	58,300	41.9	319.9	63,300	63,300	46.7	329.1	71,500	71,500	165
170	35.6	305.4	55,100	55,100	39.3	313.9	59,800	59,800	44.4	324.1	67,500	67,500	170
175	32.7	297.8	52,100	52,100	36.7	307.3	56,500	56,500	42.0	318.6	63,800	63,800	175
180	29.4	289.2	49,300	49,300	33.8	300.0	53,500	53,500	39.5	312.6	60,300	60,300	180
185	25.8	279.3	46,600	46,600	30.7	291.8	50,500	50,500	36.8	306.0	57,000	57,000	185
190	21.7	267.4	44,000	44,000	27.3	282.4	47,800	47,800	34.0	298.7	53,900	53,900	190
195	16.5	252.2	41,700	41,700	23.3	271.3	45,200	45,200	30.9	290.6	51,000	51,000	195
200	8.4	227.6	39,400	39,400	18.6	257.6	42,700	42,700	27.4	281.2	48,200	48,200	200
205					12.1	238.3	40,400	40,400	23.5	270.3	45,600	45,600	205
210									18.9	256.8	43,100	43,100	210
215									12.6	237.9	40,800	40,800	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



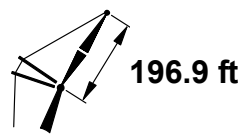
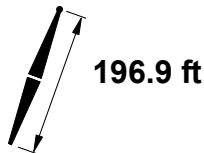
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	63.5	355.4	102,900	116,800									140
145	61.6	352.7	98,300	110,300									145
150	59.8	349.8	94,000	104,000									150
155	57.8	346.7	89,900	98,100									155
160	55.9	343.3	86,200	92,600									160
165	53.9	339.7	82,700	87,300									165
170	51.8	335.8	79,400	82,400	58.4	342.3	70,700	99,300					170
175	49.7	331.6	76,200	77,800	56.5	339.0	67,800	93,900					175
180	47.5	327.0	73,300	73,500	54.5	335.4	65,100	88,700					180
185	45.3	322.1	69,400	69,400	52.4	331.6	62,500	83,900					185
190	42.9	316.8	65,600	65,600	50.3	327.4	60,100	79,300					190
195	40.4	311.0	62,000	62,000	48.2	323.0	57,800	74,900					195
200	37.8	304.6	58,600	58,600	45.9	318.2	55,600	70,800	52.8	325.5	48,500	75,200	200
205	35.0	297.6	55,400	55,400	43.6	313.0	53,600	67,000	50.7	321.4	46,600	72,700	205
210	32.0	289.8	52,400	52,400	41.2	307.3	51,600	63,300	48.6	317.0	44,800	70,400	210
215	28.7	280.9	49,600	49,600	38.6	301.1	49,700	59,900	46.4	312.3	43,100	68,100	215
220	25.1	270.7	46,900	46,900	35.9	294.3	47,900	56,600	44.0	307.2	41,500	66,000	220
225	20.7	258.3	44,300	44,300	32.9	286.8	46,100	53,600	41.6	301.6	39,900	64,000	225
230	15.2	242.0	42,000	42,000	29.7	278.3	44,400	50,700	39.1	295.5	38,400	60,700	230
235	5.2	211.5	39,800	39,800	26.2	268.5	42,800	47,900	36.4	288.8	36,900	57,400	235
240					22.1	256.8	41,300	45,400	33.5	281.4	35,500	54,300	240
245					17.0	242.0	39,700	43,000	30.3	273.1	34,200	51,400	245
250					9.4	219.0	38,200	40,700	26.9	263.6	32,900	48,700	250
260									18.1	238.3	30,300	43,700	260

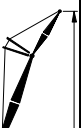
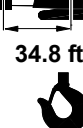
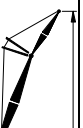
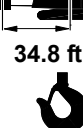
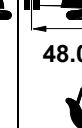
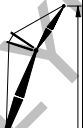
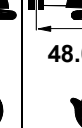
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
85	72.9	391.9	144,100	144,100									85
90	71.3	390.2	144,100	144,100									90
95	69.8	388.3	143,900	143,900	71.9	390.0	142,500	142,500					95
100	68.2	386.3	143,600	143,600	70.4	388.2	142,500	142,500					100
105	66.6	384.2	140,800	140,800	68.8	386.3	142,500	142,500					105
110	65.0	381.8	132,600	132,600	67.2	384.2	142,500	142,500					110
115	63.4	379.3	125,300	125,300	65.6	381.9	142,500	142,500	68.9	384.8	138,400	138,400	115
120	61.7	376.6	118,800	118,800	64.0	379.5	139,300	142,400	67.3	382.7	132,900	138,400	120
125	60.1	373.8	113,000	113,000	62.4	376.9	132,200	138,200	65.7	380.4	126,100	138,400	125
130	58.4	370.7	107,900	107,900	60.7	374.1	125,700	129,600	64.1	378.0	119,800	138,400	130
135	56.6	367.4	103,100	103,100	59.0	371.1	119,700	121,700	62.5	375.4	114,100	138,400	135
140	54.8	363.9	98,900	98,900	57.3	367.9	114,200	114,700	60.8	372.6	108,800	130,100	140
145	53.0	360.1	95,000	95,000	55.5	364.4	108,200	108,200	59.1	369.6	103,900	122,200	145
150	51.2	356.1	91,400	91,400	53.7	360.8	102,300	102,300	57.4	366.4	99,400	115,100	150
155	49.2	351.8	88,200	88,200	51.9	356.8	96,800	96,800	55.6	363.0	95,100	108,600	155
160	47.3	347.2	85,200	85,200	50.0	352.7	91,800	91,800	53.8	359.3	91,200	102,700	160
165	45.2	342.3	81,200	81,200	48.0	348.2	87,200	87,200	52.0	355.4	87,500	97,200	165
170	43.1	337.0	77,300	77,300	46.0	343.4	82,900	82,900	50.1	351.2	84,000	92,200	170
175	40.9	331.3	73,700	73,700	43.9	338.2	78,800	78,800	48.1	346.8	80,700	87,500	175
180	38.6	325.1	70,200	70,200	41.7	332.7	75,100	75,100	46.1	342.0	77,700	83,200	180
185	36.1	318.3	67,000	67,000	39.5	326.7	71,600	71,600	44.0	336.9	74,800	79,200	185
190	33.5	310.9	64,000	64,000	37.1	320.1	68,300	68,300	41.8	331.3	72,000	75,400	190
195	30.7	302.7	61,100	61,100	34.5	313.0	65,200	65,200	39.6	325.3	69,300	71,900	195
200	27.7	293.4	58,400	58,400	31.8	305.1	62,200	62,200	37.2	318.8	66,700	68,600	200
205	24.2	282.8	55,800	55,800	28.8	296.2	59,500	59,500	34.7	311.7	64,300	65,400	205
210	20.2	270.0	53,300	53,300	25.6	286.2	56,800	56,800	31.9	303.9	61,900	62,500	210
215	15.2	253.6	48,200	48,200	21.8	274.3	54,300	54,300	29.0	295.1	59,700	59,700	215
220	7.1	226.2	39,600	39,600	17.3	259.6	51,800	51,800	25.7	285.1	57,100	57,100	220
225					11.0	238.4	45,100	45,100	22.0	273.3	54,500	54,500	225
230									17.5	258.8	52,100	52,100	230
235									11.4	238.2	48,700	48,700	235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-2

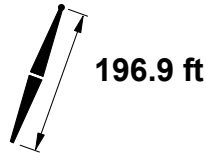
ASME B30.5



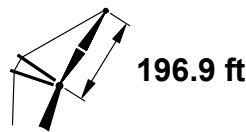
386,000 lb



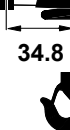
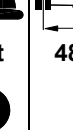
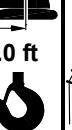
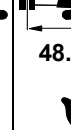
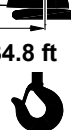
360°



196.9 ft

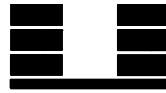


196.9 ft

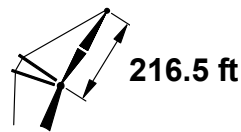
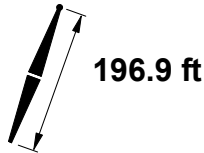
	 75°				 70°				 65°					
														
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft	
85													85	
90													90	
95													95	
100													100	
105													105	
110													110	
115													115	
120													120	
125													125	
130													130	
135													135	
140													140	
145													145	
150	63.1	372.4	89,700	121,700									150	
155	61.4	369.7	85,700	116,700									155	
160	59.7	366.8	82,000	112,000									160	
165	58.0	363.7	78,500	107,600									165	
170	56.3	360.3	75,200	103,500									170	
175	54.5	356.8	72,200	99,700									175	
180	52.6	353.0	69,200	96,000	58.5	359.2	60,700	89,500					180	
185	50.8	348.9	66,500	92,600	56.8	356.0	58,200	86,200					185	
190	48.8	344.6	63,900	89,400	55.0	352.5	55,800	83,200					190	
195	46.9	339.9	61,400	84,900	53.2	348.7	53,600	80,300					195	
200	44.8	334.9	59,000	80,800	51.3	344.7	51,400	77,600					200	
205	42.7	329.5	56,800	76,900	49.4	340.5	49,400	75,000					205	
210	40.4	323.7	54,600	73,300	47.4	335.9	47,400	72,500	53.5	342.6	40,400	67,100	210	
215	38.1	317.4	52,600	69,900	45.4	331.0	45,600	70,200	51.7	338.7	38,700	64,900	215	
220	35.6	310.5	50,600	66,800	43.3	325.7	43,800	67,900	49.8	334.5	37,100	62,800	220	
225	33.0	303.0	48,800	63,800	41.1	320.1	42,100	65,800	47.8	330.0	35,600	60,800	225	
230	30.1	294.5	47,000	60,900	38.8	313.9	40,500	63,800	45.8	325.2	34,100	58,900	230	
235	27.0	285.0	45,200	58,200	36.3	307.2	38,900	61,800	43.7	320.0	32,700	57,000	235	
240	23.5	274.0	43,600	55,600	33.8	299.9	37,400	59,900	41.5	314.4	31,300	55,300	240	
245	19.3	260.7	41,900	53,200	31.0	291.7	36,000	58,100	39.2	308.3	30,000	53,600	245	
250	14.0	243.1	40,300	50,800	27.9	282.6	34,600	56,400	36.8	301.7	28,800	52,000	250	
260					20.6	259.5	31,900	53,100	31.5	286.5	26,400	48,900	260	
270					8.2	218.1	29,200	49,200	25.2	267.3	24,100	46,100	270	
280									16.7	240.0	22,000	43,400	280	

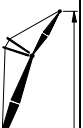
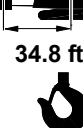
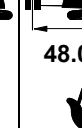
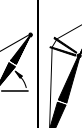
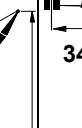
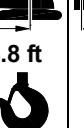
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
90	73.1	410.9	123,900	123,900									90
95	71.7	409.3	123,900	123,900									95
100	70.3	407.5	123,700	123,700									100
105	68.9	405.5	123,500	123,500	70.8	407.4	122,400	122,400					105
110	67.4	403.5	123,200	123,200	69.4	405.5	122,400	122,400					110
115	66.0	401.2	122,800	122,800	68.0	403.5	122,400	122,400					115
120	64.5	398.8	119,700	119,700	66.5	401.3	122,400	122,400					120
125	63.0	396.3	113,600	113,600	65.1	399.0	122,400	122,400	68.1	401.9	118,400	118,400	125
130	61.5	393.6	108,100	108,100	63.6	396.5	122,400	122,400	66.6	399.8	118,300	118,400	130
135	60.0	390.7	103,200	103,200	62.1	393.8	118,300	119,300	65.2	397.4	112,600	118,400	135
140	58.5	387.6	98,800	98,800	60.6	391.0	112,600	112,600	63.7	395.0	107,300	118,400	140
145	56.9	384.4	94,700	94,700	59.0	388.0	106,400	106,400	62.2	392.3	102,400	118,400	145
150	55.3	380.9	91,000	91,000	57.5	384.8	100,700	100,700	60.7	389.5	97,900	113,200	150
155	53.6	377.3	87,600	87,600	55.9	381.5	95,400	95,400	59.1	386.5	93,700	107,000	155
160	52.0	373.4	84,200	84,200	54.3	377.9	90,500	90,500	57.6	383.4	89,700	101,300	160
165	50.2	369.2	80,000	80,000	52.6	374.0	85,900	85,900	56.0	380.0	86,000	95,800	165
170	48.5	364.8	76,100	76,100	50.9	370.0	81,600	81,600	54.3	376.4	82,500	90,800	170
175	46.7	360.1	72,500	72,500	49.1	365.7	77,600	77,600	52.7	372.6	79,100	86,200	175
180	44.8	355.1	69,100	69,100	47.3	361.1	73,900	73,900	51.0	368.6	75,900	81,900	180
185	42.9	349.8	65,900	65,900	45.5	356.2	70,400	70,400	49.2	364.3	73,000	77,900	185
190	40.8	344.0	62,900	62,900	43.6	351.0	67,200	67,200	47.4	359.7	70,100	74,200	190
195	38.7	337.9	60,100	60,100	41.6	345.4	64,100	64,100	45.6	354.8	67,400	70,700	195
200	36.5	331.2	57,400	57,400	39.5	339.4	61,200	61,200	43.7	349.6	64,900	67,400	200
205	34.2	323.9	54,900	54,900	37.4	333.0	58,500	58,500	41.7	344.1	62,500	64,400	205
210	31.7	316.0	52,400	52,400	35.1	325.9	55,900	55,900	39.6	338.1	60,100	61,500	210
215	29.0	307.2	50,100	50,100	32.7	318.3	53,400	53,400	37.5	331.7	57,900	58,700	215
220	26.1	297.3	47,900	47,900	30.1	309.8	51,100	51,100	35.2	324.7	55,800	56,100	220
225	22.8	286.0	45,300	45,300	27.3	300.4	48,800	48,800	32.8	317.1	53,600	53,600	225
230	19.0	272.3	42,800	42,800	24.1	289.6	46,700	46,700	30.2	308.7	51,300	51,300	230
235	14.1	254.7	38,600	38,600	20.5	277.0	44,100	44,100	27.4	299.3	49,000	49,000	235
240	5.9	224.0	31,000	31,000	16.1	261.2	41,600	41,600	24.3	288.6	46,900	46,900	240
245					9.9	238.2	36,000	36,000	20.7	276.1	44,800	44,800	245
250									16.4	260.5	42,200	42,200	250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-2

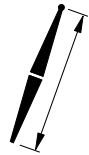
ASME B30.5



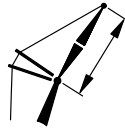
386,000 lb



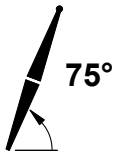
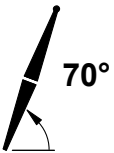
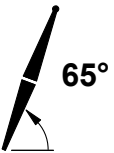
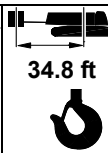
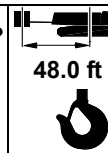
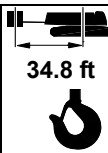
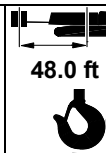
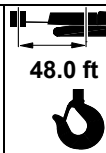
360°



196.9 ft



216.5 ft

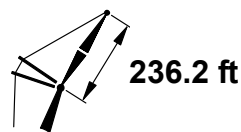
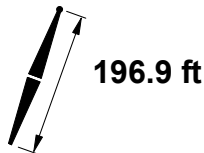
	 75°				 70°				 65°				
 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	62.7	389.4	79,700	110,100									160
165	61.2	386.7	76,300	106,000									165
170	59.7	383.7	73,000	101,900									170
175	58.1	380.6	69,900	98,100									175
180	56.6	377.3	67,000	94,500									180
185	54.9	373.8	64,300	91,100									185
190	53.3	370.1	61,700	87,800	58.6	376.2	53,500	81,500					190
195	51.6	366.2	59,300	83,600	57.0	372.9	51,200	78,600					195
200	49.9	362.0	56,900	79,500	55.4	369.5	49,100	75,900					200
205	48.1	357.5	54,700	75,700	53.8	365.9	47,100	73,300					205
210	46.3	352.8	52,600	72,100	52.1	362.0	45,200	70,900					210
215	44.4	347.7	50,600	68,800	50.4	357.9	43,300	68,500					215
220	42.4	342.3	48,600	65,600	48.6	353.5	41,600	66,300					220
225	40.4	336.5	46,800	62,700	46.8	348.8	39,900	64,200	52.4	355.9	33,200	59,000	225
230	38.3	330.2	45,000	59,900	45.0	343.8	38,300	62,200	50.7	351.8	31,800	57,100	230
235	36.1	323.4	43,300	57,200	43.0	338.5	36,800	60,200	49.0	347.5	30,400	55,300	235
240	33.7	316.0	41,700	54,700	41.0	332.8	35,300	58,400	47.2	342.9	29,000	53,600	240
245	31.2	308.0	40,100	52,300	38.9	326.7	33,900	56,600	45.3	338.0	27,800	51,900	245
250	28.5	299.0	38,600	50,000	36.7	320.1	32,500	54,900	43.4	332.7	26,500	50,300	250
260	22.1	277.1	35,800	45,800	31.9	305.0	29,900	51,700	39.3	321.1	24,200	47,300	260
270	12.9	243.8	33,000	41,500	26.4	286.5	27,500	48,600	34.8	307.5	22,000	44,500	270
280					19.4	261.9	25,200	44,500	29.8	291.2	20,000	41,900	280
290					7.1	216.6	22,900	40,400	23.8	270.7	18,100	39,500	290
300									15.6	241.5	16,200	37,100	300

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95	73.3	430.0	106,400	106,400									95
100	72.0	428.4	106,300	106,300									100
105	70.7	426.6	106,000	106,000									105
110	69.4	424.7	105,700	105,700	71.2	426.5	104,700	104,700					110
115	68.1	422.7	103,900	103,900	69.9	424.7	104,700	104,700					115
120	66.8	420.6	101,800	101,800	68.6	422.7	104,700	104,700					120
125	65.5	418.3	99,700	99,700	67.3	420.6	103,100	103,100					125
130	64.1	415.9	97,700	97,700	66.0	418.4	101,000	101,000	68.7	421.2	100,700	100,700	130
135	62.8	413.3	95,900	95,900	64.6	416.0	99,100	99,100	67.4	419.1	100,700	100,700	135
140	61.4	410.5	94,100	94,100	63.3	413.5	97,200	97,200	66.0	416.8	100,700	100,700	140
145	60.0	407.7	92,500	92,500	61.9	410.8	95,400	95,400	64.7	414.5	99,400	99,400	145
150	58.5	404.6	90,900	90,900	60.5	408.0	93,700	93,700	63.3	412.0	97,300	97,700	150
155	57.1	401.4	87,800	87,800	59.1	405.0	92,100	92,100	62.0	409.3	93,000	95,900	155
160	55.6	398.0	84,000	84,000	57.6	401.8	90,300	90,300	60.6	406.5	89,000	94,300	160
165	54.1	394.4	79,900	79,900	56.2	398.5	85,800	85,800	59.2	403.5	85,200	92,700	165
170	52.6	390.5	76,100	76,100	54.7	394.9	81,600	81,600	57.7	400.3	81,700	90,700	170
175	51.1	386.5	72,500	72,500	53.2	391.2	77,600	77,600	56.3	397.0	78,300	86,300	175
180	49.5	382.3	69,100	69,100	51.6	387.3	73,900	73,900	54.8	393.5	75,200	81,900	180
185	47.8	377.7	65,900	65,900	50.1	383.1	70,400	70,400	53.3	389.8	72,200	77,900	185
190	46.2	373.0	62,900	62,900	48.5	378.7	67,100	67,100	51.7	385.8	69,400	74,200	190
195	44.4	367.9	60,000	60,000	46.8	374.0	64,000	64,000	50.1	381.7	66,700	70,700	195
200	42.6	362.5	57,400	57,400	45.1	369.0	61,200	61,200	48.5	377.3	64,200	67,400	200
205	40.8	356.8	54,800	54,800	43.3	363.8	58,400	58,400	46.9	372.6	61,800	64,300	205
210	38.9	350.6	52,400	52,400	41.5	358.2	55,800	55,800	45.2	367.7	59,500	61,400	210
215	36.9	344.0	50,100	50,100	39.6	352.2	53,400	53,400	43.4	362.4	57,300	58,700	215
220	34.8	336.9	48,000	48,000	37.6	345.8	51,100	51,100	41.6	356.8	55,200	56,100	220
225	32.5	329.2	45,600	45,600	35.6	338.9	48,800	48,800	39.7	350.9	53,200	53,600	225
230	30.2	320.8	43,200	43,200	33.4	331.4	46,700	46,700	37.7	344.5	51,300	51,300	230
235	27.6	311.4	40,800	40,800	31.1	323.2	44,500	44,500	35.7	337.6	49,100	49,100	235
240	24.8	301.0	38,400	38,400	28.6	314.3	42,100	42,100	33.5	330.1	46,900	46,900	240
245	21.6	288.9	36,100	36,100	25.9	304.3	39,600	39,600	31.2	322.0	44,900	44,900	245
250	17.9	274.4	33,900	33,900	22.8	292.8	37,400	37,400	28.7	313.1	42,700	42,700	250
260	4.6	220.8	24,900	24,900	15.1	262.6	33,000	33,000	23.0	291.8	37,900	37,900	260
270									15.3	261.9	33,500	33,500	270
280													280
290													290
300													300
310													310
320													320

MLC300 VPC-MAX S-2

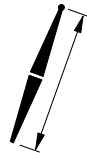
ASME B30.5



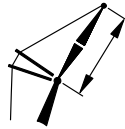
386,000 lb



360°



196.9 ft



236.2 ft

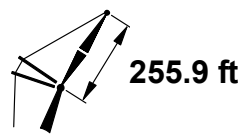
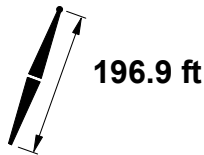
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	63.8	409.0	75,200	92,800									165
170	62.5	406.4	72,000	92,800									170
175	61.1	403.6	69,000	92,800									175
180	59.7	400.7	66,100	92,800									180
185	58.3	397.6	63,400	90,400									185
190	56.8	394.3	60,800	87,200									190
195	55.3	390.9	58,400	83,600									195
200	53.8	387.2	56,000	79,500	58.7	393.2	48,100	75,100					200
205	52.3	383.4	53,800	75,700	57.2	389.9	46,100	72,600					205
210	50.7	379.3	51,700	72,100	55.8	386.5	44,200	70,100					210
215	49.1	375.0	49,700	68,700	54.3	382.9	42,300	67,800					215
220	47.5	370.4	47,800	65,600	52.8	379.2	40,600	65,600					220
225	45.8	365.6	46,000	62,600	51.2	375.1	39,000	63,500					225
230	44.1	360.5	44,300	59,800	49.6	370.9	37,400	61,500					230
235	42.3	355.0	42,600	57,200	48.0	366.4	35,900	59,600	53.0	373.1	29,300	54,500	235
240	40.4	349.2	41,000	54,700	46.3	361.7	34,400	57,800	51.5	369.1	28,000	52,800	240
245	38.5	343.0	39,400	52,300	44.6	356.6	33,000	56,000	49.9	364.9	26,700	51,200	245
250	36.5	336.3	38,000	50,000	42.8	351.3	31,700	54,300	48.3	360.5	25,500	49,600	250
260	32.1	321.2	35,200	45,800	39.0	339.5	29,100	51,100	44.9	350.8	23,200	46,600	260
270	27.0	303.1	32,500	41,900	35.0	325.8	26,800	48,200	41.3	339.8	21,100	43,800	270
280	20.9	279.8	30,100	37,200	30.4	309.8	24,600	44,600	37.4	327.4	19,100	41,300	280
290	11.9	244.3	27,700	32,900	25.0	290.2	22,500	40,800	33.2	312.9	17,300	38,900	290
300					18.2	264.1	20,500	36,300	28.3	295.6	15,500	36,600	300
310					5.9	214.5	18,500	32,000	22.5	273.8	13,900	34,500	310
320									14.6	242.8	12,200	32,500	320

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



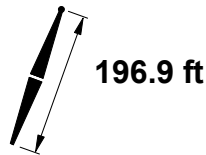
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.4	449.0	90,800	90,800									100
105	72.3	447.4	90,500	90,500									105
110	71.1	445.7	90,200	90,200									110
115	69.9	443.9	89,800	89,800	71.5	445.6	88,900	88,900					115
120	68.7	441.9	89,400	89,400	70.3	443.8	88,800	88,800					120
125	67.5	439.9	89,200	89,200	69.1	441.9	88,600	88,600					125
130	66.2	437.7	88,500	88,500	67.9	439.9	88,400	88,400					130
135	65.0	435.3	88,000	88,000	66.7	437.7	88,100	88,100					135
140	63.8	432.9	87,500	87,500	65.5	435.4	87,800	87,800	68.0	438.3	85,200	85,200	140
145	62.5	430.3	86,400	86,400	64.2	433.0	87,400	87,400	66.8	436.2	85,200	85,200	145
150	61.2	427.5	85,000	85,000	63.0	430.5	87,100	87,100	65.5	433.9	85,200	85,200	150
155	59.9	424.6	83,000	83,000	61.7	427.8	86,100	86,100	64.3	431.5	85,200	85,200	155
160	58.6	421.6	78,900	78,900	60.4	424.9	84,800	84,800	63.0	428.9	85,100	85,100	160
165	57.3	418.4	75,000	75,000	59.1	421.9	81,100	81,100	61.8	426.3	83,600	85,000	165
170	55.9	415.0	71,200	71,200	57.8	418.8	77,100	77,100	60.5	423.4	80,100	84,900	170
175	54.6	411.4	67,600	67,600	56.4	415.5	73,300	73,300	59.2	420.4	76,800	82,100	175
180	53.2	407.7	64,100	64,100	55.1	412.0	69,500	69,500	57.9	417.3	73,700	78,000	180
185	51.7	403.8	60,800	60,800	53.7	408.3	66,000	66,000	56.5	414.0	70,700	74,100	185
190	50.3	399.6	57,500	57,500	52.3	404.5	62,500	62,500	55.2	410.5	67,900	70,400	190
195	48.8	395.3	54,300	54,300	50.8	400.4	59,200	59,200	53.8	406.9	65,200	66,800	195
200	47.3	390.7	51,100	51,100	49.4	396.1	56,100	56,100	52.4	403.0	62,700	63,300	200
205	45.7	385.8	47,900	47,900	47.9	391.6	53,000	53,000	50.9	399.0	60,000	60,000	205
210	44.1	380.7	44,900	44,900	46.3	386.9	49,800	49,800	49.4	394.7	56,800	56,800	210
215	42.5	375.3	42,100	42,100	44.7	381.9	46,700	46,700	47.9	390.2	53,800	53,800	215
220	40.8	369.5	39,200	39,200	43.1	376.5	43,600	43,600	46.4	385.5	50,800	50,800	220
225	39.0	363.4	36,500	36,500	41.4	370.9	40,800	40,800	44.8	380.5	47,600	47,600	225
230	37.2	356.9	33,900	33,900	39.7	364.9	38,000	38,000	43.2	375.2	44,600	44,600	230
235	35.2	349.9	31,400	31,400	37.9	358.6	35,300	35,300	41.5	369.6	41,600	41,600	235
240	33.2	342.3	29,000	29,000	36.0	351.8	32,700	32,700	39.8	363.6	38,800	38,800	240
245	31.1	334.2	26,600	26,600	34.0	344.4	30,200	30,200	37.9	357.3	36,000	36,000	245
250	28.8	325.3	24,400	24,400	31.9	336.5	27,900	27,900	36.1	350.5	33,400	33,400	250
260	23.6	304.3	20,000	20,000	27.3	318.4	23,300	23,300	32.0	335.3	28,500	28,500	260
270	16.9	276.2	15,600	15,600	21.7	295.8	19,000	19,000	27.4	317.3	23,900	23,900	270
280	3.1	215.7	11,300	11,300	14.2	263.7	14,600	14,600	21.9	294.8	19,500	19,500	280
290									14.4	263.1	15,200	15,200	290
300													300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-2

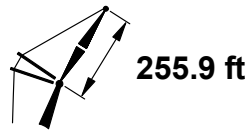
ASME B30.5



386,000 lb



196.9 ft



255.9 ft

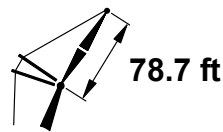
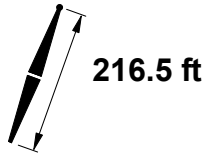
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.5	426.0	67,200	78,100									175
180	62.2	423.4	64,400	78,100									180
185	61.0	420.6	61,700	78,100									185
190	59.7	417.7	59,100	78,100									190
195	58.4	414.6	56,700	78,100									195
200	57.0	411.3	54,400	76,100									200
205	55.7	407.9	52,200	72,300									205
210	54.3	404.3	50,100	68,700	58.7	410.1	42,400	68,800					210
215	52.9	400.6	48,100	65,200	57.4	406.9	40,600	66,500					215
220	51.5	396.6	46,300	61,900	56.1	403.6	38,900	64,300					220
225	50.0	392.4	44,400	58,600	54.7	400.0	37,200	62,300					225
230	48.5	388.0	42,700	55,500	53.3	396.3	35,700	60,300					230
235	47.0	383.4	41,100	52,600	51.9	392.4	34,200	58,400					235
240	45.4	378.4	39,500	49,700	50.4	388.3	32,700	56,500					240
245	43.8	373.3	37,900	46,600	48.9	383.9	31,300	54,800	53.6	390.2	24,900	49,900	245
250	42.1	367.8	36,500	43,600	47.4	379.4	30,000	53,100	52.1	386.3	23,700	48,300	250
260	38.6	355.7	33,700	37,900	44.3	369.4	27,500	48,200	49.2	378.0	21,500	45,300	260
270	34.8	342.0	31,100	32,600	40.9	358.3	25,200	42,200	46.2	368.6	19,400	42,600	270
280	30.6	326.1	27,800	27,800	37.3	345.7	23,000	36,700	42.9	358.3	17,500	40,100	280
290	25.8	306.9	23,200	23,200	33.4	331.3	21,000	31,500	39.5	346.6	15,600	37,700	290
300	19.8	282.4	18,900	18,900	29.0	314.3	19,100	26,800	35.8	333.3	13,900	35,000	300
310	11.1	244.6	14,600	14,600	23.8	293.6	17,300	22,300	31.7	317.9	12,300	30,100	310
320					17.2	266.0	15,500	18,100	27.0	299.7	10,800	25,500	320
330					4.8	211.5	13,700	13,800	21.4	276.7		21,200	330
340									13.7	243.8		17,000	340

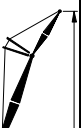
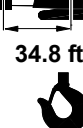
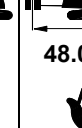
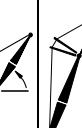
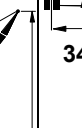
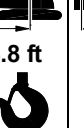
MLC300 VPC-MAX S-2

ASME B30.5



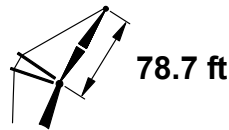
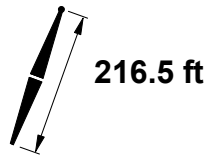
386,000 lb

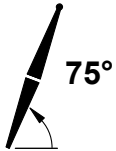
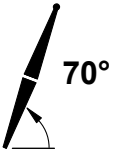
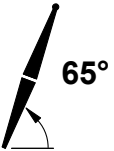
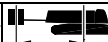
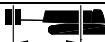
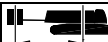
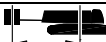


	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
55	70.5	297.5	267,800 d	267,800 d									55
60	66.5	295.3	251,600 c	251,600 c									60
65	62.4	292.7	228,500 c	228,500 c	68.6	295.6	273,500 c	273,500 c					65
70	58.1	289.6	209,600 b	209,600 b	64.5	293.2	261,500 c	261,500 c					70
75	53.6	285.9	193,900 b	193,900 b	60.4	290.4	237,300 b	237,300 b					75
80	48.8	281.6	180,700	180,700	56.0	287.0	217,600 b	217,600 b	65.6	292.0	232,900 c	264,600 c	80
85	43.6	276.4	169,500	169,500	51.3	283.0	201,300	201,300	61.4	289.3	216,200 b	253,600 b	85
90	37.8	270.2	160,200	160,200	46.3	278.3	187,700	187,700	57.1	286.1	201,600 b	242,700 b	90
95	31.0	262.3	152,600	152,600	40.9	272.7	176,300	176,300	52.5	282.3	188,700 b	229,100 b	95
100	22.2	251.3	147,000	147,000	34.6	265.7	166,700	166,700	47.7	277.8	177,200	212,100	100
105					27.1	256.6	159,000	159,000	42.3	272.4	166,900	198,000	105
110					16.2	242.6	153,800	153,800	36.3	265.9	157,700	186,100	110
115									29.2	257.4	149,200	176,300	115
120									19.6	245.3	141,500	168,800	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-2

ASME B30.5



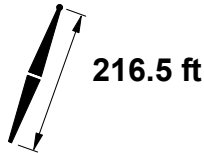
	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
55														55
60														60
65														65
70														70
75														75
80														80
85														85
90														90
95														95
100														100
105														105
110	60.2	284.1	155,800 b	201,000 b										110
115	55.8	280.8	147,200 b	190,100 b										115
120	51.1	276.8	139,400	180,200										120
125	46.1	272.0	132,300	171,200										125
130	40.6	266.4	125,800	163,000	58.5	277.0	116,600 b	154,000 b						130
135	34.4	259.3	119,800	155,400	54.1	273.4	111,100	146,900						135
140	26.7	250.1	114,200	148,400	49.3	269.2	106,100	140,400						140
145	15.6	235.7	108,900	141,800	44.1	264.1	101,400	134,300						145
150					38.3	258.0	97,000	128,700						150
155					31.7	250.3	92,900	123,400	51.7	264.0	83,900	116,400		155
160					23.2	239.7	88,900	118,500	46.8	259.3	80,500	111,800		160
165					6.9	218.0	84,900	113,600	41.3	253.8	77,200	107,500		165
170									35.2	246.9	74,100	103,500		170
175									27.7	238.0	71,100	99,600		175
									17.3	224.7	68,100	95,900		175

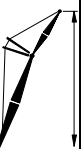
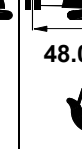
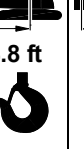
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	71.5	316.6	239,400 c	239,400 c									60
65	68.3	314.6	230,900 b	230,900 b									65
70	65.1	312.3	210,700 b	210,700 b	69.9	314.8	242,600 c	242,600 c					70
75	61.8	309.6	194,000 b	194,000 b	66.8	312.7	238,500 b	238,500 b					75
80	58.4	306.5	180,000	180,000	63.5	310.2	223,000 b	223,000 b					80
85	54.9	303.0	168,000	168,000	60.2	307.3	204,700	204,700	67.6	311.4	215,000 b	239,900 b	85
90	51.1	299.0	157,800	157,800	56.7	304.0	189,700	189,700	64.4	309.0	200,400 b	231,500 b	90
95	47.2	294.5	148,900	148,900	53.1	300.3	177,000	177,000	61.0	306.3	187,600	222,500	95
100	43.0	289.2	141,200	141,200	49.2	296.0	166,100	166,100	57.6	303.1	176,200	213,100	100
105	38.3	283.0	134,600	134,600	45.2	291.1	156,700	156,700	54.0	299.5	166,000	203,900	105
110	33.1	275.6	129,100	129,100	40.8	285.4	148,600	148,600	50.2	295.4	156,800	190,400	110
115	27.0	266.4	124,700	124,700	35.9	278.7	141,800	141,800	46.2	290.6	148,500	178,600	115
120	19.0	253.6	121,700	121,700	30.3	270.5	136,000	136,000	41.9	285.2	141,000	168,400	120
125					23.5	259.9	131,400	131,400	37.2	278.7	134,100	159,800	125
130					13.4	243.4	128,700	128,700	31.8	271.0	127,700	152,400	130
135									25.4	261.2	121,800	146,300	135
140									16.6	246.9	116,300	139,800	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-2

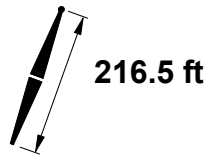
ASME B30.5



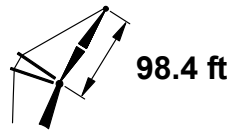
386,000 lb



360°



216.5 ft



98.4 ft

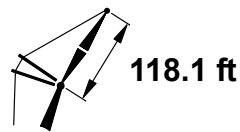
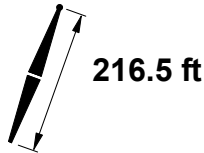
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	63.4	304.0	145,800 b	188,700 b									110
115	60.0	301.1	138,100	178,900									115
120	56.6	297.8	131,100	170,000									120
125	52.9	294.1	124,600	161,900									125
130	49.1	289.8	118,800	154,400									130
135	45.0	284.8	113,300	147,600	58.7	294.0	104,200	139,000					135
140	40.6	279.1	108,300	141,200	55.2	290.5	99,600	133,000					140
145	35.7	272.3	103,600	135,300	51.5	286.6	95,300	127,500					145
150	30.1	264.1	99,300	129,800	47.6	282.1	91,400	122,300					150
155	23.2	253.4	95,200	124,600	43.4	276.9	87,600	117,500					155
160	12.8	236.3	91,200	119,700	38.8	270.8	84,100	113,000	53.4	281.2	75,300	106,200	160
165					33.6	263.5	80,800	108,800	49.6	277.0	72,300	102,200	165
170					27.6	254.5	77,600	104,800	45.5	272.1	69,500	98,500	170
175					19.9	242.2	74,500	101,000	41.1	266.5	66,800	95,000	175
180									36.3	259.9	64,300	91,700	180
185									30.8	251.8	61,800	88,500	185
190									24.1	241.5	59,500	85,500	190
195									14.5	225.8	57,100	82,600	195

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



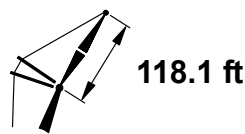
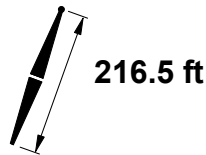
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	72.1	335.7	216,300 b	216,300 b									65
70	69.5	333.8	209,900 b	209,900 b									70
75	66.9	331.7	194,100	194,100	70.9	334.0	220,500 b	220,500 b					75
80	64.2	329.3	179,500	179,500	68.2	332.0	217,200	217,200					80
85	61.4	326.6	167,100	167,100	65.6	329.7	208,900	208,900					85
90	58.6	323.5	156,400	156,400	62.9	327.1	192,300	192,300	68.9	330.7	197,600	219,200	90
95	55.7	320.1	147,100	147,100	60.1	324.2	178,500	178,500	66.3	328.5	184,900	212,100	95
100	52.6	316.3	139,000	139,000	57.2	321.0	166,800	166,800	63.6	326.0	173,600	204,400	100
105	49.4	312.1	131,900	131,900	54.2	317.4	156,700	156,700	60.8	323.2	163,400	196,800	105
110	46.1	307.3	125,700	125,700	51.1	313.4	147,900	147,900	57.9	320.1	154,300	189,100	110
115	42.5	301.9	120,100	120,100	47.8	308.9	140,200	140,200	55.0	316.6	146,100	181,700	115
120	38.7	295.8	115,300	115,300	44.4	303.9	133,500	133,500	51.9	312.7	138,600	171,400	120
125	34.5	288.7	111,200	111,200	40.7	298.2	127,600	127,600	48.7	308.3	131,800	161,600	125
130	29.7	280.3	107,700	107,700	36.7	291.6	122,500	122,500	45.3	303.4	125,500	153,100	130
135	24.1	269.8	105,100	105,100	32.2	283.9	118,100	118,100	41.7	297.9	119,800	145,600	135
140	16.7	255.3	103,500	103,500	27.1	274.7	114,400	114,400	37.7	291.6	114,400	139,100	140
145					20.8	262.7	111,600	111,600	33.4	284.2	109,500	132,100	145
150					11.2	243.5	100,800	100,800	28.5	275.4	104,800	124,400	150
155									22.6	264.3	100,500	117,400	155
160									14.3	248.0	96,400	110,800	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-2

ASME B30.5



386,000 lb



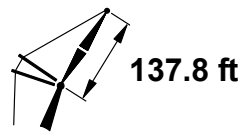
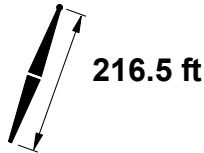
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.7	320.9	128,200	167,100									120
125	59.9	318.0	121,800	159,100									125
130	57.1	314.8	116,000	151,700									130
135	54.1	311.2	110,600	144,900									135
140	51.0	307.2	105,700	138,600									140
145	47.7	302.7	101,100	132,800	58.9	311.0	91,200	124,500					145
150	44.2	297.6	96,800	127,400	55.9	307.6	87,300	119,400					150
155	40.5	291.9	92,900	122,300	52.9	303.8	83,700	114,700					155
160	36.5	285.3	89,100	117,600	49.7	299.6	80,300	110,200					160
165	32.1	277.5	85,600	113,200	46.4	294.9	77,100	106,100					165
170	26.9	268.2	82,300	109,000	42.9	289.6	74,000	102,200					170
175	20.5	256.0	79,200	105,000	39.0	283.5	71,100	98,500	51.3	294.3	62,800	92,000	175
180	10.7	236.3	76,100	101,200	34.9	276.6	68,400	95,100	48.1	289.9	60,300	88,800	180
185					30.2	268.3	65,800	91,800	44.7	284.9	58,000	85,700	185
190					24.7	258.1	63,300	88,600	41.0	279.2	55,800	82,800	190
195					17.5	244.1	60,900	85,600	37.0	272.8	53,700	80,100	195
200									32.6	265.2	51,700	77,400	200
205									27.6	256.1	49,700	74,900	205
210									21.4	244.3	47,800	72,500	210
215									12.3	226.3	45,900	70,100	215

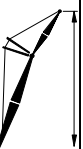
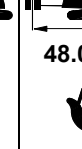
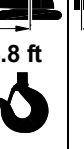
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



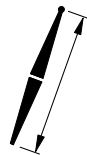
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	72.6	354.8	191,600 b	191,600 b									70
75	70.4	353.0	190,400	190,400									75
80	68.1	351.0	181,600	181,600	71.5	353.1	191,000	191,000					80
85	65.8	348.8	168,400	168,400	69.3	351.2	189,600	189,600					85
90	63.5	346.3	157,100	157,100	67.0	349.1	179,600	179,600					90
95	61.2	343.5	147,300	147,300	64.7	346.7	169,900	169,900					95
100	58.7	340.5	138,900	138,900	62.4	344.1	160,700	160,700	67.6	347.8	172,300	182,400	100
105	56.2	337.1	131,300	131,300	60.0	341.2	152,000	152,000	65.3	345.5	162,200	173,100	105
110	53.6	333.5	124,600	124,600	57.5	338.0	143,700	143,700	63.0	343.0	153,200	164,000	110
115	51.0	329.4	118,700	118,700	55.0	334.5	136,100	136,100	60.6	340.2	145,000	155,300	115
120	48.2	325.0	113,500	113,500	52.4	330.7	128,900	128,900	58.1	337.1	137,500	147,000	120
125	45.3	320.1	108,800	108,800	49.6	326.5	122,200	122,200	55.6	333.7	130,700	139,200	125
130	42.2	314.7	104,600	104,600	46.8	321.8	115,900	115,900	53.0	329.9	124,500	131,900	130
135	38.9	308.6	100,900	100,900	43.8	316.7	110,000	110,000	50.3	325.8	118,800	124,900	135
140	35.4	301.7	96,400	96,400	40.6	310.9	104,600	104,600	47.5	321.3	113,500	118,500	140
145	31.5	293.8	91,800	91,800	37.2	304.5	99,600	99,600	44.6	316.2	108,600	112,500	145
150	27.1	284.4	87,600	87,600	33.6	297.1	94,700	94,700	41.5	310.6	104,000	106,900	150
155	21.8	272.8	83,600	83,600	29.4	288.6	90,300	90,300	38.1	304.4	99,700	101,700	155
160	14.8	256.6	80,100	80,100	24.7	278.3	86,200	86,200	34.5	297.3	95,800	96,700	160
165					18.7	264.9	82,400	82,400	30.5	289.1	92,000	92,200	165
170					9.4	243.1	78,900	78,900	26.0	279.3	87,900	87,900	170
175									20.4	266.9	84,000	84,000	175
180									12.5	248.6	80,400	80,400	180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235

MLC300 VPC-MAX S-2

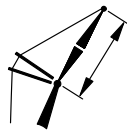
ASME B30.5



386,000 lb



216.5 ft



137.8 ft

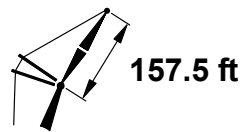
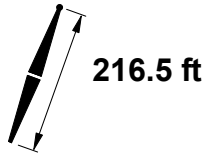
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.3	337.9	114,700	150,300									130
135	59.9	335.0	109,300	143,600									135
140	57.4	331.8	104,400	137,300									140
145	54.9	328.3	99,900	131,500									145
150	52.3	324.5	95,700	126,200									150
155	49.5	320.2	91,700	121,200	58.9	327.9	81,800	113,200					155
160	46.7	315.5	88,000	116,500	56.5	324.6	78,400	108,900					160
165	43.7	310.4	84,600	111,900	53.9	321.0	75,200	104,800					165
170	40.5	304.6	81,400	106,500	51.2	317.0	72,200	100,900					170
175	37.1	298.1	78,300	101,200	48.5	312.6	69,400	97,300					175
180	33.4	290.7	75,300	96,400	45.6	307.7	66,800	93,900					180
185	29.3	282.1	72,500	91,900	42.5	302.3	64,200	90,600	52.6	311.6	56,100	84,300	185
190	24.5	271.7	69,900	87,700	39.2	296.3	61,800	87,600	49.9	307.4	53,900	81,500	190
195	18.5	258.2	67,300	83,800	35.7	289.5	59,600	84,700	47.0	302.8	51,900	78,800	195
200	8.8	235.6	64,700	80,300	31.9	281.7	57,400	81,900	44.1	297.7	49,900	76,200	200
205					27.5	272.5	55,300	79,300	40.9	292.0	48,100	73,700	205
210					22.4	261.1	53,300	76,800	37.5	285.6	46,300	71,400	210
215					15.6	245.6	51,300	74,300	33.9	278.3	44,600	69,200	215
220									29.8	269.9	42,900	67,100	220
225									25.1	259.7	41,300	65,000	225
230									19.3	246.7	39,800	63,000	230
235									10.5	226.2	38,200	61,000	235

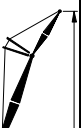
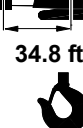
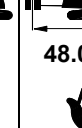
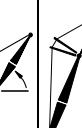
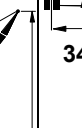
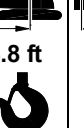
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	72.9	373.9	170,000	170,000									75
80	71.0	372.2	169,700	169,700									80
85	69.0	370.2	169,100	169,100	72.0	372.2	169,100	169,100					85
90	67.1	368.1	157,600	157,600	70.0	370.4	169,100	169,100					90
95	65.1	365.8	147,500	147,500	68.1	368.4	169,100	169,100					95
100	63.0	363.2	138,600	138,600	66.1	366.1	169,100	169,100					100
105	60.9	360.5	130,800	130,800	64.1	363.7	162,300	162,300	68.6	367.1	159,400	165,800	105
110	58.8	357.4	123,900	123,900	62.0	361.0	151,800	151,800	66.6	364.9	150,400	165,800	110
115	56.6	354.2	117,700	117,700	59.9	358.2	142,700	142,700	64.6	362.6	142,200	165,600	115
120	54.4	350.6	112,200	112,200	57.8	355.0	134,800	134,800	62.5	360.0	134,800	160,600	120
125	52.1	346.7	107,200	107,200	55.6	351.6	127,800	127,800	60.5	357.1	128,000	155,500	125
130	49.7	342.5	102,800	102,800	53.3	347.9	121,600	121,600	58.3	354.0	121,800	150,500	130
135	47.3	337.9	98,800	98,800	51.0	343.8	116,100	116,100	56.1	350.7	116,100	145,400	135
140	44.7	332.9	95,100	95,100	48.5	339.4	111,100	111,100	53.9	347.1	110,900	139,100	140
145	42.0	327.4	91,800	91,800	46.0	334.7	106,700	106,700	51.6	343.1	106,000	130,800	145
150	39.1	321.3	88,900	88,900	43.4	329.4	102,700	102,700	49.2	338.8	101,500	123,200	150
155	36.1	314.6	86,300	86,300	40.6	323.7	99,100	99,100	46.7	334.1	97,300	116,300	155
160	32.8	307.0	84,100	84,100	37.7	317.3	95,900	95,900	44.1	329.0	93,300	110,000	160
165	29.1	298.3	82,100	82,100	34.5	310.2	92,600	92,600	41.3	323.4	89,600	104,200	165
170	25.0	288.1	80,500	80,500	31.0	302.1	88,100	88,100	38.4	317.2	86,200	98,900	170
175	20.0	275.3	77,800	77,800	27.2	292.7	83,900	83,900	35.3	310.3	82,900	94,000	175
180	13.2	257.4	68,800	68,800	22.7	281.4	79,900	79,900	31.9	302.4	79,800	89,400	180
185					17.0	266.7	76,100	76,100	28.2	293.4	76,900	85,100	185
190					7.8	241.9	64,800	64,800	23.9	282.7	74,200	81,100	190
195									18.6	269.2	71,500	77,200	195
200									11.0	248.8	68,900	72,300	200
205													205
210													210
215													215
220													220
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240													240
245													245
250													250

MLC300 VPC-MAX S-2

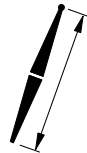
ASME B30.5



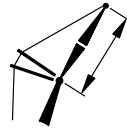
386,000 lb



360°



216.5 ft



157.5 ft

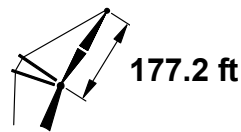
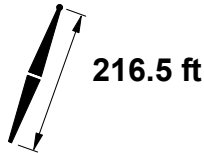
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	64.0	357.5	105,500	140,600									135
140	61.9	354.9	100,700	134,400									140
145	59.8	352.0	96,200	128,600									145
150	57.7	348.8	92,000	123,300									150
155	55.5	345.4	88,100	118,300									155
160	53.2	341.6	84,400	113,700									160
165	50.9	337.6	80,900	109,400									165
170	48.4	333.2	77,700	105,300	56.8	341.6	68,100	97,900					170
175	45.9	328.4	74,600	101,500	54.6	338.1	65,400	94,300					175
180	43.3	323.1	71,800	97,900	52.3	334.2	62,800	90,900					180
185	40.5	317.3	69,000	94,500	49.9	330.1	60,300	87,700					185
190	37.5	310.9	66,400	91,300	47.5	325.5	58,000	84,700					190
195	34.4	303.8	63,900	88,200	44.9	320.5	55,700	81,900	53.5	328.8	47,700	75,700	195
200	30.9	295.6	61,600	85,300	42.2	315.1	53,600	79,200	51.1	324.8	45,800	73,100	200
205	27.0	286.2	59,300	82,600	39.4	309.1	51,600	76,600	48.7	320.4	44,000	70,700	205
210	22.5	274.8	57,100	79,900	36.4	302.4	49,700	74,100	46.2	315.6	42,300	68,400	210
215	16.8	260.0	55,000	76,400	33.1	294.9	47,800	71,800	43.6	310.4	40,600	66,300	215
220	7.2	234.1	52,900	72,600	29.5	286.3	46,000	69,600	40.8	304.7	39,100	64,200	220
225					25.4	276.2	44,300	67,400	37.9	298.4	37,500	62,200	225
230					20.5	263.8	42,700	65,400	34.8	291.3	36,100	60,300	230
235					14.0	246.6	41,000	63,300	31.3	283.3	34,700	58,500	235
240									27.5	274.1	33,300	56,700	240
245									23.1	263.0	32,000	55,000	245
250									17.6	248.7	30,700	53,300	250

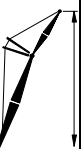
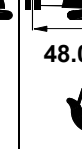
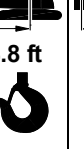
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



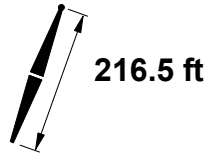
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
80	73.2	393.0	147,700	147,700									80
85	71.5	391.3	147,600	147,600									85
90	69.8	389.4	142,500	142,500									90
95	68.0	387.4	134,300	134,300	70.6	389.5	146,700	146,700					95
100	66.2	385.2	126,600	126,600	68.9	387.6	139,100	139,100					100
105	64.5	382.8	119,200	119,200	67.2	385.5	131,200	131,200					105
110	62.6	380.2	112,300	112,300	65.4	383.2	123,600	123,600					110
115	60.8	377.4	105,800	105,800	63.6	380.7	116,400	116,400	67.6	384.2	133,200	133,200	115
120	58.9	374.4	99,700	99,700	61.7	378.0	109,700	109,700	65.8	382.0	125,800	125,800	120
125	57.0	371.2	94,000	94,000	59.9	375.1	103,400	103,400	64.0	379.6	118,600	118,600	125
130	55.0	367.7	88,600	88,600	58.0	372.0	97,500	97,500	62.2	376.9	111,900	111,900	130
135	53.0	363.9	83,600	83,600	56.0	368.6	91,900	91,900	60.3	374.1	105,500	105,500	135
140	50.9	359.9	79,000	79,000	54.0	365.0	86,700	86,700	58.4	371.0	99,500	99,500	140
145	48.7	355.5	74,600	74,600	52.0	361.1	81,700	81,700	56.5	367.7	93,800	93,800	145
150	46.5	350.8	70,500	70,500	49.9	356.9	77,200	77,200	54.5	364.2	88,500	88,500	150
155	44.2	345.7	66,600	66,600	47.7	352.4	72,900	72,900	52.5	360.3	83,500	83,500	155
160	41.8	340.2	62,900	62,900	45.4	347.5	68,900	68,900	50.4	356.2	78,800	78,800	160
165	39.3	334.1	59,500	59,500	43.0	342.2	65,100	65,100	48.2	351.8	74,400	74,400	165
170	36.6	327.5	56,300	56,300	40.6	336.4	61,500	61,500	46.0	347.0	70,300	70,300	170
175	33.7	320.1	53,200	53,200	38.0	330.1	58,100	58,100	43.7	341.8	66,400	66,400	175
180	30.6	311.9	50,300	50,300	35.2	323.1	55,000	55,000	41.2	336.1	62,800	62,800	180
185	27.1	302.5	47,500	47,500	32.2	315.4	52,000	52,000	38.7	330.0	59,400	59,400	185
190	23.2	291.3	45,000	45,000	28.9	306.6	49,200	49,200	35.9	323.2	56,100	56,100	190
195	18.4	277.5	42,500	42,500	25.3	296.4	46,500	46,500	33.0	315.6	53,000	53,000	195
200	11.9	257.8	40,300	40,300	21.0	284.2	44,000	44,000	29.8	307.1	50,200	50,200	200
205					15.6	268.2	41,600	41,600	26.3	297.4	47,400	47,400	205
210					6.3	240.0	39,400	39,400	22.2	285.8	44,800	44,800	210
215									17.1	271.0	42,500	42,500	215
220									9.7	248.5	40,100	40,100	220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-2

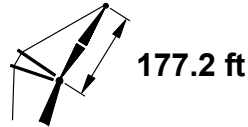
ASME B30.5



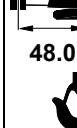
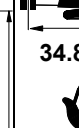
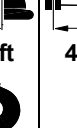
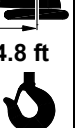
386,000 lb



216.5 ft



177.2 ft

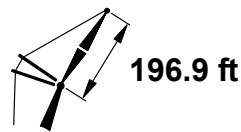
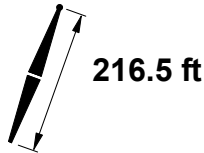
	75°				70°				65°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	63.5	374.5	94,400	116,100									145
150	61.7	371.8	90,200	109,800									150
155	59.8	368.9	86,300	103,800									155
160	57.9	365.8	82,700	98,000									160
165	55.9	362.4	79,300	92,600									165
170	53.9	358.8	76,100	87,400									170
175	51.9	354.9	73,000	82,600									175
180	49.8	350.7	70,200	78,000	57.1	358.6	60,900	89,600					180
185	47.6	346.1	67,500	73,700	55.2	355.2	58,500	86,400					185
190	45.3	341.2	64,900	69,600	53.2	351.4	56,200	83,400					190
195	43.0	335.9	62,500	65,800	51.1	347.4	54,000	80,600					195
200	40.5	330.1	60,200	62,200	48.9	343.1	51,900	76,500					200
205	37.9	323.7	58,000	58,800	46.7	338.4	49,900	72,300					205
210	35.1	316.8	55,600	55,600	44.4	333.3	48,100	68,400	52.1	342.0	40,400	67,100	210
215	32.1	309.0	52,600	52,600	42.0	327.8	46,200	64,700	50.0	337.8	38,800	64,900	215
220	28.8	300.1	49,800	49,800	39.5	321.8	44,500	61,200	47.8	333.3	37,300	62,900	220
225	25.1	289.9	47,100	47,100	36.8	315.3	42,900	57,900	45.6	328.5	35,800	60,900	225
230	20.8	277.6	44,500	44,500	34.0	308.0	41,300	54,800	43.2	323.2	34,400	59,100	230
235	15.3	261.4	42,100	42,100	30.9	299.8	39,700	51,900	40.8	317.5	33,000	57,300	235
240	5.6	231.7	39,900	39,900	27.5	290.5	38,300	49,000	38.2	311.2	31,700	55,500	240
245					23.6	279.6	36,800	46,400	35.4	304.3	30,500	53,900	245
250					18.9	266.1	35,400	43,900	32.5	296.6	29,200	52,300	250
260									25.6	277.9	26,900	47,900	260
270									16.1	250.3	24,700	43,000	270

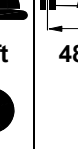
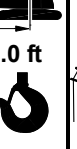
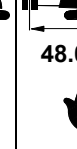
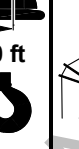
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



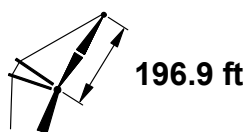
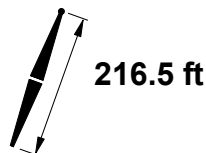
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
85	73.4	412.0	130,300	130,300									85
90	71.9	410.4	130,300	130,300									90
95	70.3	408.6	130,000	130,000									95
100	68.8	406.6	129,600	129,600	71.1	408.6	129,500	129,500					100
105	67.2	404.5	129,100	129,100	69.6	406.8	129,500	129,500					105
110	65.6	402.2	123,900	123,900	68.0	404.8	129,500	129,500					110
115	64.0	399.8	117,300	117,300	66.4	402.6	129,500	129,500					115
120	62.3	397.2	111,500	111,500	64.8	400.2	129,500	129,500	68.4	403.5	126,200	126,200	120
125	60.6	394.4	106,200	106,200	63.2	397.7	129,300	129,300	66.8	401.3	123,900	126,200	125
130	59.0	391.4	101,400	101,400	61.5	395.0	124,300	124,400	65.2	399.0	117,700	126,200	130
135	57.2	388.1	97,100	97,100	59.8	392.1	118,100	118,100	63.6	396.6	112,100	126,200	135
140	55.5	384.7	93,100	93,100	58.1	389.0	112,400	112,400	61.9	393.9	106,900	126,200	140
145	53.6	381.0	89,500	89,500	56.4	385.6	107,300	107,300	60.3	391.0	102,000	124,700	145
150	51.8	377.1	86,200	86,200	54.6	382.1	102,700	102,700	58.6	388.0	97,600	119,900	150
155	49.9	372.9	83,100	83,100	52.8	378.3	98,500	98,500	56.8	384.7	93,400	113,000	155
160	47.9	368.4	80,400	80,400	50.9	374.2	94,200	94,200	55.0	381.2	89,500	106,700	160
165	45.9	363.6	77,800	77,800	49.0	369.9	89,400	89,400	53.2	377.5	85,700	100,900	165
170	43.8	358.5	75,400	75,400	47.0	365.3	84,900	84,900	51.4	373.5	82,200	95,600	170
175	41.7	352.9	73,200	73,200	44.9	360.3	80,700	80,700	49.5	369.3	78,900	90,700	175
180	39.4	346.9	71,300	71,300	42.8	354.9	76,900	76,900	47.5	364.7	75,800	86,100	180
185	37.0	340.3	68,100	68,100	40.6	349.2	73,200	73,200	45.4	359.8	72,900	81,900	185
190	34.4	333.1	65,000	65,000	38.2	342.9	69,800	69,800	43.3	354.5	70,100	77,900	190
195	31.7	325.2	62,100	62,100	35.8	336.0	66,600	66,600	41.1	348.9	67,400	74,300	195
200	28.7	316.3	59,300	59,300	33.1	328.5	63,600	63,600	38.8	342.7	64,900	70,800	200
205	25.5	306.2	56,600	56,600	30.3	320.2	60,800	60,800	36.4	336.1	62,500	67,600	205
210	21.7	294.3	54,100	54,100	27.2	310.7	58,100	58,100	33.8	328.7	60,200	64,500	210
215	17.1	279.4	51,700	51,700	23.7	299.8	55,500	55,500	31.0	320.6	58,000	61,600	215
220	10.7	257.9	44,200	44,200	19.6	286.7	53,000	53,000	28.0	311.5	55,900	58,900	220
225					14.4	269.4	50,400	50,400	24.6	301.0	53,900	56,200	225
230					4.8	236.9	41,200	41,200	20.7	288.5	51,900	53,700	230
235									15.9	272.6	50,000	51,300	235
240									8.5	247.7	47,000	47,000	240
245													245
250													250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



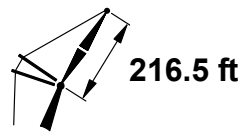
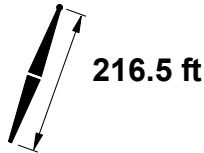
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.1	391.5	82,000	113,900									155
160	61.4	388.8	78,400	109,300									160
165	59.8	385.9	75,000	105,000									165
170	58.0	382.7	71,800	101,000									170
175	56.3	379.4	68,900	97,300									175
180	54.5	375.9	66,000	93,700									180
185	52.7	372.1	63,400	90,400									185
190	50.8	368.0	60,800	87,200	57.4	375.6	51,800	80,200					190
195	48.9	363.7	58,400	84,200	55.6	372.2	49,600	77,400					195
200	46.9	359.0	56,200	81,400	53.8	368.5	47,600	74,700					200
205	44.8	354.0	54,000	78,700	52.0	364.7	45,600	72,200					205
210	42.7	348.6	51,900	76,100	50.1	360.5	43,800	69,800					210
215	40.5	342.8	50,000	73,400	48.1	356.0	42,000	67,600					215
220	38.1	336.5	48,100	70,000	46.1	351.2	40,300	65,400	52.9	359.2	32,800	59,600	220
225	35.7	329.7	46,300	66,800	44.0	346.1	38,700	63,300	51.0	355.2	31,400	57,600	225
230	33.0	322.1	44,500	63,800	41.9	340.6	37,200	61,300	49.1	350.9	30,000	55,800	230
235	30.2	313.7	42,900	61,000	39.6	334.6	35,700	59,400	47.1	346.2	28,700	54,000	235
240	27.1	304.2	41,300	58,300	37.2	328.1	34,300	57,600	45.1	341.3	27,400	52,400	240
245	23.5	293.3	39,700	55,700	34.7	321.0	32,900	55,900	43.0	336.0	26,200	50,700	245
250	19.4	280.0	38,200	53,200	32.0	313.1	31,600	54,200	40.7	330.2	25,000	49,200	250
260	3.8	227.6	35,100	48,200	25.8	294.4	29,000	51,000	36.0	317.2	22,800	46,200	260
270					17.6	268.1	26,600	48,000	30.5	301.4	20,700	43,500	270
280									24.0	281.3	18,700	41,000	280
290									14.8	251.6	16,800	38,500	290

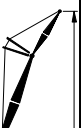
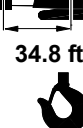
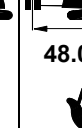
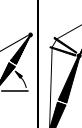
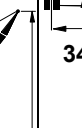
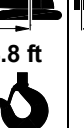
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



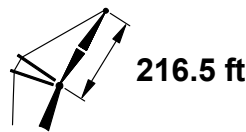
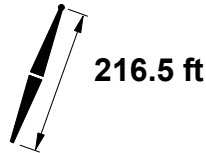
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
90	73.6	431.1	113,200	113,200									90
95	72.2	429.5	113,100	113,100									95
100	70.8	427.7	112,900	112,900									100
105	69.4	425.8	112,700	112,700	71.5	427.8	112,000	112,000					105
110	67.9	423.8	112,300	112,300	70.1	425.9	112,000	112,000					110
115	66.5	421.6	111,800	111,800	68.7	424.0	112,000	112,000					115
120	65.0	419.3	111,300	111,300	67.2	421.9	112,000	112,000					120
125	63.6	416.8	106,100	106,100	65.8	419.6	112,000	112,000					125
130	62.1	414.1	101,200	101,200	64.3	417.2	112,000	112,000	67.6	420.6	109,000	109,000	130
135	60.5	411.3	96,700	96,700	62.8	414.7	111,700	111,700	66.2	418.4	109,000	109,000	135
140	59.0	408.3	92,600	92,600	61.3	411.9	111,400	111,400	64.7	416.1	104,900	109,000	140
145	57.4	405.1	88,900	88,900	59.8	409.0	106,500	108,600	63.2	413.5	100,100	109,000	145
150	55.8	401.7	85,500	85,500	58.2	405.9	101,800	103,400	61.7	410.8	95,600	109,000	150
155	54.2	398.1	82,300	82,300	56.7	402.6	97,400	98,000	60.2	408.0	91,300	109,000	155
160	52.5	394.3	79,500	79,500	55.0	399.2	92,800	92,800	58.6	404.9	87,400	105,300	160
165	50.8	390.3	76,800	76,800	53.4	395.4	88,000	88,000	57.1	401.7	83,700	99,500	165
170	49.1	386.0	74,300	74,300	51.7	391.5	83,600	83,600	55.5	398.3	80,200	94,200	170
175	47.3	381.4	72,000	72,000	50.0	387.3	79,500	79,500	53.8	394.6	76,900	89,300	175
180	45.4	376.5	69,900	69,900	48.2	382.9	75,600	75,600	52.1	390.7	73,800	84,800	180
185	43.5	371.2	67,000	67,000	46.4	378.1	72,100	72,100	50.4	386.6	70,900	80,600	185
190	41.5	365.6	63,900	63,900	44.5	373.1	68,700	68,700	48.7	382.2	68,100	76,700	190
195	39.5	359.6	61,000	61,000	42.6	367.7	65,500	65,500	46.9	377.6	65,500	73,100	195
200	37.3	353.1	58,300	58,300	40.5	361.9	62,600	62,600	45.0	372.6	63,000	69,600	200
205	35.0	346.1	55,700	55,700	38.4	355.7	59,800	59,800	43.1	367.3	60,600	66,400	205
210	32.6	338.4	53,300	53,300	36.2	348.9	57,100	57,100	41.1	361.6	58,300	63,400	210
215	30.0	330.0	50,900	50,900	33.9	341.6	54,600	54,600	39.0	355.5	56,200	60,600	215
220	27.2	320.5	48,700	48,700	31.3	333.5	52,200	52,200	36.8	348.9	54,100	57,900	220
225	24.0	309.7	46,300	46,300	28.6	324.6	49,900	49,900	34.5	341.7	52,100	55,300	225
230	20.4	296.9	43,700	43,700	25.7	314.5	47,700	47,700	32.0	333.9	50,200	52,900	230
235	16.0	281.0	41,200	41,200	22.3	302.9	45,500	45,500	29.4	325.2	48,400	50,600	235
240	9.6	257.6	35,100	35,100	18.4	288.8	42,900	42,900	26.5	315.4	46,600	48,300	240
245					13.3	270.3	40,400	40,400	23.2	304.3	45,000	46,200	245
250					2.9	231.4	32,500	32,500	19.4	290.9	43,300	44,100	250
260									7.3	246.3	37,700	37,700	260
270													270
280													280
290													290
300													300
310													310

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



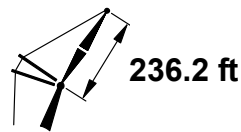
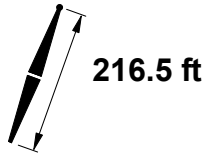
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165	62.8	408.5	72,700	101,400									165
170	61.3	405.7	69,500	99,400									170
175	59.7	402.8	66,600	95,600									175
180	58.2	399.7	63,800	92,100									180
185	56.6	396.4	61,100	88,700									185
190	55.0	392.9	58,600	85,600									190
195	53.3	389.2	56,300	82,600									195
200	51.6	385.3	54,000	79,800	57.6	392.6	45,200	73,000					200
205	49.9	381.1	51,900	77,100	56.0	389.2	43,300	70,500					205
210	48.1	376.6	49,800	74,600	54.4	385.6	41,400	68,100					210
215	46.3	371.9	47,900	72,100	52.7	381.8	39,700	65,900					215
220	44.4	366.8	46,000	68,800	51.0	377.8	38,000	63,700					220
225	42.5	361.4	44,200	65,700	49.2	373.5	36,400	61,600					225
230	40.5	355.6	42,500	62,700	47.5	369.0	34,900	59,700	53.5	376.3	27,500	54,000	230
235	38.3	349.3	40,900	59,900	45.6	364.1	33,500	57,800	51.8	372.4	26,200	52,200	235
240	36.1	342.6	39,300	57,300	43.7	358.9	32,100	56,000	50.1	368.3	25,000	50,600	240
245	33.8	335.2	37,800	54,800	41.7	353.3	30,700	54,300	48.4	363.8	23,800	49,000	245
250	31.2	327.1	36,300	52,400	39.7	347.4	29,400	52,600	46.5	359.1	22,700	47,400	250
260	25.5	308.0	33,600	47,900	35.2	333.9	27,000	49,500	42.7	348.7	20,500	44,600	260
270	18.2	282.1	30,900	43,800	30.2	317.9	24,700	46,600	38.6	336.8	18,500	41,900	270
280					24.3	297.9	22,500	43,900	34.0	322.8	16,600	39,400	280
290					16.4	269.8	20,400	41,400	28.9	305.9	14,800	37,000	290
300									22.6	284.5	13,100	34,800	300
310									13.8	252.6	11,400	32,700	310

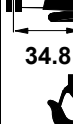
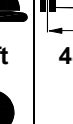
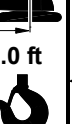
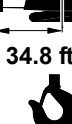
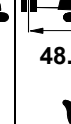
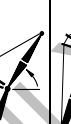
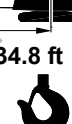
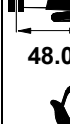
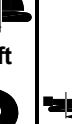
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	 85°				 83°				 80°							
																
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	°	ft	ft
95	73.7		450.1	98,200	98,200											95
100	72.4		448.5	98,000	98,000											100
105	71.2		446.8	97,800	97,800											105
110	69.9		445.0	97,500	97,500	71.8	446.9	96,700	96,700							110
115	68.6		443.0	97,200	97,200	70.5	445.1	96,700	96,700							115
120	67.3		440.9	96,800	96,800	69.2	443.2	96,700	96,700							120
125	65.9		438.7	96,400	96,400	67.9	441.2	96,700	96,700							125
130	64.6		436.3	96,000	96,000	66.6	439.0	96,600	96,600							130
135	63.2		433.8	95,200	95,200	65.3	436.7	96,500	96,500	68.3	439.9	93,500	93,500			135
140	61.8		431.1	92,600	92,600	63.9	434.2	96,200	96,200	66.9	437.8	93,500	93,500			140
145	60.5		428.3	89,100	89,100	62.6	431.6	95,000	95,000	65.6	435.5	93,500	93,500			145
150	59.0		425.3	85,600	85,600	61.2	428.9	93,400	93,400	64.3	433.1	93,500	93,500			150
155	57.6		422.1	82,400	82,400	59.8	426.0	91,700	91,700	62.9	430.5	90,400	93,500			155
160	56.1		418.8	79,300	79,300	58.3	422.9	90,200	90,200	61.5	427.8	86,500	93,500			160
165	54.7		415.2	76,600	76,600	56.9	419.6	87,900	87,900	60.1	424.9	82,800	92,700			165
170	53.1		411.5	74,000	74,000	55.4	416.2	83,600	83,600	58.7	421.9	79,400	91,200			170
175	51.6		407.5	71,600	71,600	53.9	412.6	79,500	79,500	57.3	418.7	76,100	89,400			175
180	50.0		403.4	69,400	69,400	52.4	408.7	75,600	75,600	55.8	415.3	73,000	84,900			180
185	48.4		398.9	66,900	66,900	50.8	404.7	72,000	72,000	54.3	411.7	70,100	80,600			185
190	46.7		394.3	63,900	63,900	49.2	400.4	68,700	68,700	52.8	407.9	67,300	76,700			190
195	45.0		389.3	61,000	61,000	47.6	395.8	65,500	65,500	51.2	403.9	64,700	73,000			195
200	43.3		384.0	58,300	58,300	45.9	391.0	62,500	62,500	49.6	399.7	62,200	69,600			200
205	41.4		378.4	55,700	55,700	44.2	385.9	59,700	59,700	48.0	395.2	59,900	66,400			205
210	39.5		372.4	53,200	53,200	42.4	380.4	57,100	57,100	46.3	390.5	57,600	63,400			210
215	37.6		366.0	50,900	50,900	40.5	374.6	54,600	54,600	44.6	385.4	55,500	60,500			215
220	35.5		359.0	48,700	48,700	38.6	368.4	52,200	52,200	42.8	380.1	53,400	57,800			220
225	33.3		351.5	46,500	46,500	36.6	361.8	49,900	49,900	41.0	374.4	51,500	55,300			225
230	31.0		343.4	44,000	44,000	34.4	354.6	47,700	47,700	39.1	368.3	49,600	52,900			230
235	28.5		334.4	41,500	41,500	32.2	346.8	45,700	45,700	37.1	361.7	47,800	50,600			235
240	25.8		324.3	39,200	39,200	29.8	338.2	43,200	43,200	35.0	354.7	46,100	48,400			240
245	22.7		312.9	36,900	36,900	27.2	328.8	40,800	40,800	32.8	347.0	44,400	46,300			245
250	19.2		299.3	34,800	34,800	24.3	318.1	38,500	38,500	30.4	338.7	42,800	44,300			250
260	8.6		256.9	28,700	28,700	17.3	290.8	34,000	34,000	25.1	319.1	39,600	39,600			260
270										18.3	293.1	35,100	35,100			270
280										6.2	244.4	30,800	30,800			280
290																290
300																300
310																310
320																320
330																330

MLC300 VPC-MAX S-2

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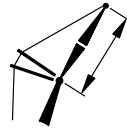
386,000 lb



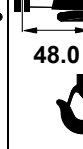
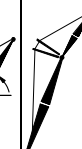
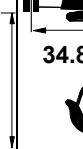
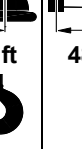
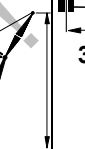
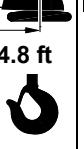
360°



216.5 ft



236.2 ft

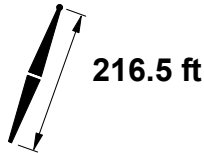
	 75°				 70°				 65°					
 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft	
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170	63.9	428.1	68,500	86,300										170
175	62.5	425.4	65,500	86,300										175
180	61.1	422.7	62,800	86,300										180
185	59.7	419.8	60,100	86,300										185
190	58.3	416.7	57,700	84,900										190
195	56.8	413.4	55,300	81,900										195
200	55.4	410.0	53,100	79,100										200
205	53.9	406.3	50,900	76,500										205
210	52.3	402.5	48,900	73,900	57.7	409.6	40,400	67,300						210
215	50.8	398.4	47,000	71,500	56.3	406.2	38,600	65,100						215
220	49.2	394.1	45,100	68,800	54.8	402.7	37,000	62,900						220
225	47.5	389.6	43,400	65,600	53.3	399.0	35,400	60,900						225
230	45.8	384.7	41,700	62,700	51.7	395.1	33,900	59,000						230
235	44.1	379.6	40,100	59,900	50.2	390.9	32,500	57,100						235
240	42.3	374.1	38,500	57,200	48.5	386.5	31,100	55,300						240
245	40.5	368.3	37,000	54,700	46.9	381.8	29,800	53,600	52.5	389.6	22,700	48,200	245	
250	38.5	362.1	35,600	52,300	45.2	376.9	28,500	52,000	51.0	385.6	21,600	46,700	250	
260	34.4	348.2	32,900	47,900	41.6	366.1	26,100	48,900	47.7	376.8	19,500	43,800	260	
270	29.7	331.8	30,400	43,900	37.8	353.7	23,900	46,000	44.3	366.9	17,500	41,200	270	
280	24.2	311.5	28,000	39,700	33.5	339.4	21,800	43,400	40.7	355.7	15,600	38,700	280	
290	17.1	284.0	25,800	35,200	28.7	322.4	19,800	40,900	36.7	342.9	13,900	36,400	290	
300					23.0	301.1	17,900	38,600	32.4	328.0	12,300	34,300	300	
310					15.4	271.3	16,100	35,000	27.4	310.1	10,800	32,200	310	
320									21.4	287.4		30,300	320	
330									12.8	253.3		28,500	330	

MLC300 VPC-MAX S-2

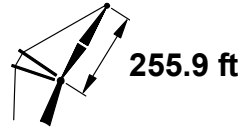
ASME B30.5



386,000 lb



216.5 ft



255.9 ft

	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.8	469.2	84,500	84,500									100
105	72.7	467.6	84,300	84,300									105
110	71.5	465.9	84,100	84,100									110
115	70.3	464.1	83,800	83,800									115
120	69.1	462.2	83,400	83,400	70.9	464.2	82,900	82,900					120
125	67.9	460.2	83,100	83,100	69.7	462.4	82,800	82,800					125
130	66.7	458.0	82,700	82,700	68.5	460.4	82,700	82,700					130
135	65.4	455.7	82,300	82,300	67.3	458.3	82,500	82,500					135
140	64.2	453.3	81,800	81,800	66.1	456.1	82,300	82,300	68.8	459.1	79,600	79,600	140
145	62.9	450.8	81,300	81,300	64.8	453.7	82,000	82,000	67.6	457.0	79,600	79,600	145
150	61.7	448.1	80,900	80,900	63.6	451.2	81,700	81,700	66.4	454.9	79,600	79,600	150
155	60.4	445.2	78,900	78,900	62.3	448.6	81,400	81,400	65.1	452.5	79,600	79,600	155
160	59.1	442.2	76,700	76,700	61.0	445.8	81,100	81,100	63.9	450.1	79,600	79,600	160
165	57.7	439.1	74,400	74,400	59.7	442.9	80,800	80,800	62.6	447.5	79,600	79,600	165
170	56.4	435.8	71,900	71,900	58.4	439.9	78,400	78,400	61.4	444.8	77,800	79,600	170
175	55.0	432.3	68,300	68,300	57.1	436.6	74,600	74,600	60.1	441.9	74,500	79,600	175
180	53.7	428.6	64,900	64,900	55.7	433.2	70,900	70,900	58.8	438.9	71,500	79,600	180
185	52.2	424.7	61,600	61,600	54.4	429.6	67,300	67,300	57.4	435.7	68,600	76,300	185
190	50.8	420.7	58,300	58,300	53.0	425.9	63,900	63,900	56.1	432.3	65,800	72,500	190
195	49.3	416.4	55,100	55,100	51.5	421.9	60,600	60,600	54.7	428.8	63,200	69,000	195
200	47.8	411.9	51,900	51,900	50.1	417.8	57,400	57,400	53.3	425.1	60,700	65,500	200
205	46.3	407.1	48,800	48,800	48.6	413.4	54,300	54,300	51.9	421.2	58,400	62,100	205
210	44.7	402.1	45,800	45,800	47.1	408.7	51,100	51,100	50.5	417.0	56,200	58,900	210
215	43.0	396.8	42,900	42,900	45.5	403.8	48,000	48,000	49.0	412.7	54,000	55,800	215
220	41.4	391.1	40,100	40,100	43.9	398.7	45,000	45,000	47.5	408.1	52,000	52,800	220
225	39.6	385.1	37,400	37,400	42.2	393.2	42,100	42,100	45.9	403.3	49,600	49,600	225
230	37.8	378.8	34,800	34,800	40.5	387.4	39,300	39,300	44.3	398.2	46,500	46,500	230
235	35.9	371.9	32,200	32,200	38.7	381.2	36,600	36,600	42.7	392.8	43,500	43,500	235
240	33.9	364.6	29,800	29,800	36.9	374.6	34,000	34,000	41.0	387.1	40,700	40,700	240
245	31.8	356.7	27,500	27,500	34.9	367.6	31,500	31,500	39.2	381.0	37,900	37,900	245
250	29.6	348.0	25,200	25,200	32.9	359.9	29,000	29,000	37.4	374.6	35,200	35,200	250
260	24.5	327.9	20,800	20,800	28.4	342.6	24,500	24,500	33.4	360.1	30,200	30,200	260
270	18.2	301.5	16,400	16,400	23.2	321.3	20,000	20,000	29.0	343.2	25,500	25,500	270
280	7.7	255.8	12,100	12,100	16.3	292.5	15,700	15,700	23.9	322.6	21,100	21,100	280
290									17.3	295.1	16,700	16,700	290
300									5.1	241.6	12,400	12,400	300
310													310
320													320
330													330
340													340
350													350

MLC300 VPC-MAX S-2

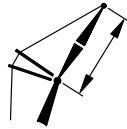
ASME B30.5



386,000 lb



216.5 ft



255.9 ft

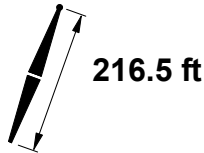
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	63.5	445.0	61,000	73,100									180
185	62.3	442.4	58,400	73,100									185
190	61.0	439.6	55,900	73,100									190
195	59.7	436.7	53,600	73,100									195
200	58.4	433.6	51,400	73,100									200
205	57.0	430.4	49,300	73,100									205
210	55.7	427.0	47,200	72,000									210
215	54.3	423.4	45,300	68,600									215
220	52.9	419.6	43,500	65,200	57.9	426.5	35,200	61,600					220
225	51.5	415.7	41,800	61,800	56.5	423.2	33,600	59,600					225
230	50.0	411.5	40,100	58,600	55.2	419.8	32,200	57,700					230
235	48.5	407.1	38,500	55,600	53.8	416.1	30,700	55,800					235
240	47.0	402.5	37,000	52,600	52.4	412.3	29,400	54,000					240
245	45.4	397.6	35,500	49,700	50.9	408.2	28,100	52,400					245
250	43.8	392.4	34,100	46,700	49.5	404.0	26,800	50,700					250
260	40.4	381.1	31,400	40,800	46.4	394.7	24,400	47,700	51.7	402.8	17,600	42,500	260
270	36.8	368.3	28,900	35,300	43.2	384.4	22,200	44,800	48.7	394.3	15,700	39,800	270
280	32.8	353.5	26,600	30,300	39.8	372.9	20,200	40,500	45.6	384.8	13,900	37,400	280
290	28.3	336.2	24,400	25,600	36.1	359.7	18,300	35,100	42.4	374.2	12,200	35,200	290
300	23.0	314.8	21,200	21,200	32.0	344.6	16,500	30,000	38.9	362.3	10,600	33,000	300
310	16.2	285.7	16,800	16,800	27.4	326.6	14,700	25,400	35.1	348.7		31,100	310
320					21.9	304.1	13,100	21,000	30.9	332.9		29,200	320
330					14.5	272.5	11,500	16,800	26.1	314.0		24,800	330
340									20.3	290.0		20,600	340
350									11.9	253.8		16,400	350

MLC300 VPC-MAX S-2

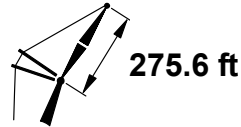
ASME B30.5



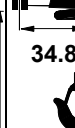
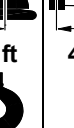
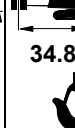
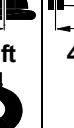
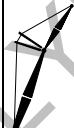
386,000 lb



216.5 ft



275.6 ft

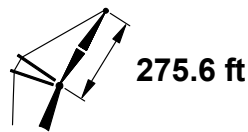
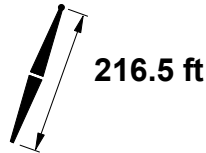
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
105	73.9	488.2	72,000	72,000									105
110	72.9	486.7	71,700	71,700									110
115	71.8	485.0	71,300	71,300									115
120	70.7	483.3	70,900	70,900									120
125	69.5	481.4	70,500	70,500	71.2	483.3	70,200	70,200					125
130	68.4	479.4	70,100	70,100	70.1	481.5	69,900	69,900					130
135	67.3	477.3	69,600	69,600	69.0	479.6	69,700	69,700					135
140	66.2	475.1	68,200	68,200	67.9	477.6	69,300	69,300					140
145	65.0	472.8	66,800	66,800	66.7	475.4	69,000	69,000					145
150	63.9	470.3	65,600	65,600	65.6	473.1	67,900	67,900	68.2	476.3	67,100	67,100	150
155	62.7	467.8	64,400	64,400	64.5	470.7	66,600	66,600	67.0	474.2	67,000	67,000	155
160	61.5	465.0	63,200	63,200	63.3	468.2	65,400	65,400	65.9	471.9	66,900	66,900	160
165	60.3	462.2	62,100	62,100	62.1	465.6	64,200	64,200	64.8	469.6	66,700	66,700	165
170	59.1	459.2	61,000	61,000	60.9	462.8	63,000	63,000	63.6	467.1	65,900	65,900	170
175	57.9	456.1	60,000	60,000	59.7	459.9	62,000	62,000	62.4	464.5	64,800	64,800	175
180	56.6	452.8	59,000	59,000	58.5	456.8	60,900	60,900	61.2	461.7	63,600	63,600	180
185	55.4	449.3	58,100	58,100	57.3	453.6	60,000	60,000	60.0	458.8	62,600	62,600	185
190	54.1	445.7	57,300	57,300	56.0	450.2	59,000	59,000	58.8	455.8	61,600	61,600	190
195	52.8	441.9	55,900	55,900	54.7	446.7	58,200	58,200	57.6	452.6	60,600	60,600	195
200	51.5	437.9	53,000	53,000	53.5	443.0	57,300	57,300	56.3	449.3	59,700	59,700	200
205	50.1	433.8	50,200	50,200	52.1	439.1	55,100	55,100	55.1	445.8	57,500	58,700	205
210	48.7	429.4	47,400	47,400	50.8	435.1	52,100	52,100	53.8	442.2	55,300	57,900	210
215	47.3	424.8	44,800	44,800	49.4	430.8	49,300	49,300	52.5	438.4	53,200	56,600	215
220	45.9	420.0	42,300	42,300	48.0	426.3	46,600	46,600	51.1	434.3	51,100	53,600	220
225	44.4	414.9	39,900	39,900	46.6	421.6	44,000	44,000	49.8	430.1	49,200	50,700	225
230	42.9	409.5	37,600	37,600	45.1	416.7	41,500	41,500	48.4	425.7	47,400	47,900	230
235	41.3	403.9	35,400	35,400	43.6	411.5	39,100	39,100	47.0	421.0	45,200	45,200	235
240	39.7	397.9	33,200	33,200	42.1	406.0	36,800	36,800	45.5	416.2	42,700	42,700	240
245	38.0	391.6	31,100	31,100	40.5	400.1	34,600	34,600	44.0	411.0	40,300	40,300	245
250	36.2	384.8	29,000	29,000	38.9	394.0	32,500	32,500	42.5	405.6	37,900	37,900	250
260	32.5	369.8	24,900	24,900	35.4	380.5	28,300	28,300	39.3	393.8	33,500	33,500	260
270	28.3	352.4	20,900	20,900	31.5	365.0	24,200	24,200	35.8	380.5	29,300	29,300	270
280	23.4	331.2	16,900	16,900	27.2	346.8	20,200	20,200	32.0	365.3	25,200	25,200	280
290	17.3	303.4	13,000	13,000	22.1	324.4	16,300	16,300	27.8	347.5	21,200	21,200	290
300					15.4	293.9	12,300	12,300	22.8	325.8	17,200	17,200	300
310									16.4	296.8	13,300	13,300	310
320													320
330													330
340													340
350													350
360													360
370													370

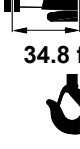
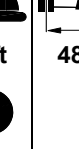
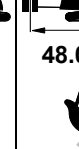
MLC300 VPC-MAX S-2

ASME B30.5



386,000 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	63.2	462.0		54,800	61,300										190
195	62.1	459.4		52,500	61,300										195
200	60.9	456.6		50,300	61,300										200
205	59.7	453.7		48,200	61,300										205
210	58.5	450.6		46,200	61,200										210
215	57.2	447.4		44,300	60,300										215
220	56.0	444.0		42,500	59,500										220
225	54.7	440.5		40,800	58,700										225
230	53.4	436.8		39,100	57,900	58.0	443.5	31,000	55,800						230
235	52.1	432.9		37,500	56,400	56.7	440.2	29,600	55,000						235
240	50.7	428.8		36,000	53,400	55.5	436.8	28,300	53,200						240
245	49.4	424.5		34,500	50,600	54.2	433.2	27,000	51,600						245
250	48.0	420.1		33,100	47,800	52.9	429.4	25,700	49,900						250
260	45.1	410.4		30,500	42,600	50.2	421.3	23,400	46,900						260
270	42.0	399.6		28,000	37,900	47.4	412.4	21,200	44,100	52.2	420.0	14,600	39,000		270
280	38.8	387.7		25,800	33,400	44.5	402.5	19,200	41,500	49.5	411.7	12,800	36,600		280
290	35.3	374.1		23,600	29,300	41.4	391.6	17,300	37,400	46.7	402.6	11,100	34,400		290
300	31.4	358.6		21,600	25,200	38.1	379.3	15,500	33,100	43.8	392.5		32,300		300
310	27.1	340.3		19,700	21,300	34.6	365.4	13,900	29,000	40.6	381.2		30,300		310
320	22.0	317.8		17,400	17,400	30.7	349.4	12,300	25,000	37.3	368.6		28,500		320
330	15.3	287.1		13,400	13,400	26.2	330.5	10,800	21,100	33.6	354.2		26,700		330
340						20.9	306.9		17,200	29.6	337.6		24,500		340
350						13.6	273.5		13,400	25.0	317.7		20,600		350
360										19.3	292.4		16,800		360
370										11.1	254.0		13,000		370

MLC300 VPC-MAX S-2

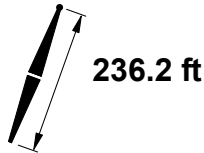
ASME B30.5



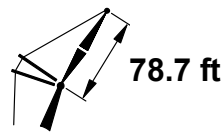
386,000 lb



360°



236.2 ft



78.7 ft

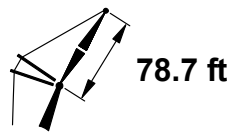
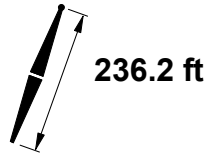
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft	
55	71.8	317.7	245,400 d	245,400 d									55
60	67.9	315.7	237,400 d	237,400 d									60
65	63.8	313.2	225,800 c	225,800 c	70.5	316.1	251,500 d	251,500 d					65
70	59.6	310.3	207,100 b	207,100 b	66.5	313.9	243,500 c	243,500 c					70
75	55.2	306.8	191,600 b	191,600 b	62.4	311.3	234,500 c	234,500 c					75
80	50.5	302.8	178,400	178,400	58.1	308.2	217,500 b	217,500 b	68.3	313.0	229,700 d	243,500 d	80
85	45.5	297.9	167,400	167,400	53.6	304.6	201,000 b	201,000 b	64.3	310.6	213,200 c	233,000 c	85
90	39.9	292.1	158,100	158,100	48.8	300.2	187,200	187,200	60.1	307.8	198,700 b	222,300 b	90
95	33.5	284.8	150,400	150,400	43.6	295.1	175,500	175,500	55.7	304.4	186,000 b	211,600 b	95
100	25.6	275.2	144,500	144,500	37.7	288.8	165,700	165,700	51.0	300.4	174,700 b	201,300 b	100
105	13.4	259.3	141,100	141,100	30.9	280.9	157,700	157,700	46.0	295.6	164,600	191,200	105
110					22.1	269.9	151,600	151,600	40.5	289.9	155,500	181,500	110
115									34.2	282.8	147,200	172,000	115
120									26.5	273.6	139,600	162,600	120
125									15.3	258.9	132,500	152,700	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-2

ASME B30.5



386,000 lb



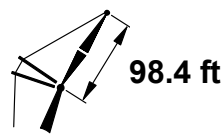
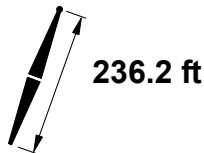
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.3	303.2	143,600 b	186,500 b									110
115	55.9	299.9	135,900 b	176,800 b									115
120	51.2	295.9	129,000	168,000									120
125	46.2	291.2	122,700	159,900									125
130	40.7	285.5	116,900	152,500									130
135	34.5	278.5	111,500	145,700	55.6	293.2	100,900 b	136,500 b					135
140	26.9	269.3	106,400	139,300	51.0	289.2	96,400	130,600					140
145	15.9	255.1	101,600	133,300	46.0	284.5	92,200	125,100					145
150					40.4	278.7	88,300	120,000					150
155					34.1	271.7	84,600	115,300	50.1	280.3	71,800	103,500	155
160					26.4	262.3	81,100	110,800	45.0	275.4	68,900	99,600	160
165					15.0	247.5	77,600	106,400	39.3	269.5	66,100	96,000	165
170									32.8	262.1	63,500	92,500	170
175									24.8	252.1	60,900	89,200	175
180									11.7	234.9	58,300	85,900	180
185													185

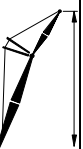
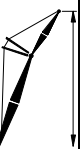
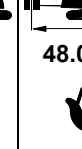
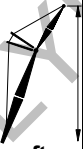
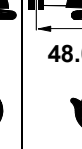
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



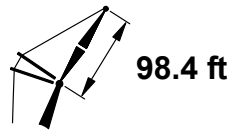
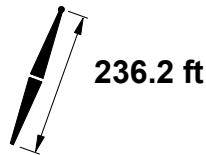
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	72.5	336.8	217,400 d	217,400 d									60
65	69.4	334.9	213,300 c	213,300 c									65
70	66.2	332.7	206,800 b	206,800 b	71.4	335.3	218,000 c	218,000 c					70
75	63.0	330.2	191,500 b	191,500 b	68.3	333.3	217,700 c	217,700 c					75
80	59.6	327.3	177,600	177,600	65.1	330.9	212,900 b	212,900 b					80
85	56.1	323.9	165,900	165,900	61.8	328.3	204,400 b	204,400 b					85
90	52.4	320.1	155,700	155,700	58.4	325.2	189,200	189,200	66.6	330.1	197,500 b	211,000 b	90
95	48.6	315.7	146,900	146,900	54.8	321.7	176,300	176,300	63.3	327.6	184,800 b	202,800 b	95
100	44.4	310.7	139,400	139,400	51.1	317.7	165,400	165,400	60.0	324.7	173,600	194,500	100
105	40.0	304.9	132,800	132,800	47.2	313.1	156,000	156,000	56.5	321.4	163,600	186,300	105
110	35.0	297.9	127,300	127,300	42.9	307.8	147,800	147,800	52.8	317.6	154,500	178,300	110
115	29.3	289.4	122,700	122,700	38.3	301.6	140,800	140,800	49.0	313.3	146,400	170,500	115
120	22.1	278.2	119,500	119,500	33.1	294.2	134,900	134,900	44.9	308.4	138,900	162,900	120
125	10.7	259.2	118,200	118,200	27.0	285.0	130,000	130,000	40.5	302.6	132,100	155,600	125
130					19.0	272.2	126,600	126,600	35.6	295.9	125,900	148,500	130
135									29.9	287.6	120,100	141,600	135
140									23.0	276.8	114,700	134,400	140
145									12.5	259.4	109,600	126,700	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

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



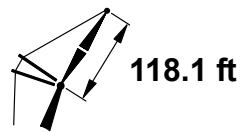
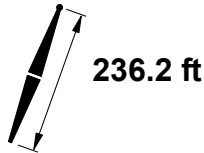
	75°				70°				65°				
ft	ft	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	63.5	323.0	134,600 b	175,400 b									115
120	60.1	320.2	127,700	166,700									120
125	56.6	316.9	121,400	158,700									125
130	53.0	313.1	115,700	151,400									130
135	49.2	308.9	110,400	144,600									135
140	45.1	303.9	105,500	138,400									140
145	40.7	298.2	101,000	132,600	56.4	310.3	90,400	123,800					145
150	35.8	291.5	96,700	127,300	52.8	306.5	86,600	118,800					150
155	30.2	283.3	92,800	122,200	48.9	302.2	83,000	114,100					155
160	23.3	272.6	89,000	117,500	44.8	297.2	79,600	109,700					160
165	13.1	255.8	85,400	112,900	40.4	291.5	76,500	105,600					165
170					35.5	284.7	73,500	101,800	52.1	297.7	64,300	94,600	170
175					29.8	276.4	70,600	98,100	48.2	293.3	61,800	91,200	175
180					22.9	265.5	67,900	94,600	44.1	288.2	59,400	88,000	180
185					12.3	248.0	65,100	91,200	39.6	282.2	57,100	85,000	185
190									34.5	275.2	55,000	82,200	190
195									28.7	266.5	52,900	79,400	195
200									21.4	255.0	50,800	76,800	200
205									8.9	234.1	48,700	74,100	205

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



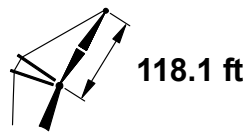
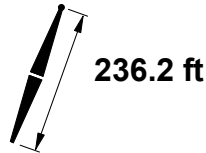
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
65	73.0	355.9	192,600 c	192,600 c									65
70	70.4	354.1	191,500 b	191,500 b									70
75	67.8	352.1	187,600	187,600									75
80	65.1	349.8	176,700	176,700	69.5	352.5	192,800 b	192,800 b					80
85	62.4	347.1	164,500	164,500	66.9	350.4	191,900	191,900					85
90	59.6	344.2	154,000	154,000	64.2	347.9	187,000	187,000					90
95	56.7	340.9	144,900	144,900	61.4	345.2	177,700	177,700	68.1	349.4	182,000	191,200	95
100	53.7	337.3	136,900	136,900	58.6	342.2	165,900	165,900	65.4	347.1	170,900	185,700	100
105	50.5	333.2	129,900	129,900	55.6	338.8	155,700	155,700	62.7	344.6	160,900	178,900	105
110	47.3	328.6	123,800	123,800	52.6	334.9	146,900	146,900	59.9	341.7	151,900	172,100	110
115	43.8	323.5	118,300	118,300	49.4	330.7	139,300	139,300	57.0	338.4	143,800	165,400	115
120	40.0	317.6	113,600	113,600	46.1	325.9	132,500	132,500	54.0	334.8	136,400	158,900	120
125	36.0	310.9	109,400	109,400	42.5	320.5	126,600	126,600	50.9	330.8	129,700	152,600	125
130	31.4	303.0	106,000	106,000	38.7	314.4	121,400	121,400	47.6	326.2	123,500	146,400	130
135	26.2	293.3	103,200	103,200	34.4	307.3	116,900	116,900	44.2	321.2	117,900	140,500	135
140	19.6	280.6	101,400	101,400	29.7	298.9	113,100	113,100	40.5	315.4	112,600	134,700	140
145	8.4	258.3	95,800	95,800	24.1	288.4	110,100	110,100	36.4	308.8	107,700	129,000	145
150					16.6	273.9	108,200	108,200	32.0	301.0	103,200	123,600	150
155									26.8	291.6	98,900	118,100	155
160									20.4	279.4	94,900	112,500	160
165									10.3	259.3	91,000	105,900	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

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



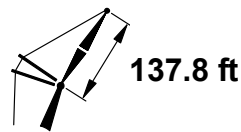
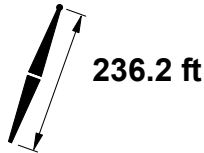
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.8	340.0	118,000	155,700									125
130	60.0	337.1	112,400	148,500									130
135	57.1	333.9	107,200	141,800									135
140	54.1	330.3	102,500	135,700									140
145	51.0	326.3	98,000	130,000									145
150	47.8	321.8	93,900	124,700									150
155	44.3	316.7	90,000	119,700	57.0	327.3	78,900	111,100					155
160	40.6	311.0	86,300	115,100	54.0	323.7	75,600	106,800					160
165	36.6	304.4	82,900	110,800	50.8	319.6	72,600	102,700					165
170	32.2	296.7	79,600	106,700	47.6	315.1	69,700	99,000					170
175	27.0	287.4	76,500	102,800	44.1	310.0	66,900	95,400					175
180	20.7	275.3	73,500	99,200	40.4	304.2	64,400	92,100	53.4	314.9	55,200	84,900	180
185	10.9	255.9	70,600	95,600	36.4	297.6	61,900	88,900	50.3	310.8	53,000	82,000	185
190					31.9	289.8	59,500	85,900	47.0	306.1	51,000	79,200	190
195					26.7	280.4	57,300	83,000	43.5	300.9	49,000	76,600	195
200					20.3	268.1	55,100	80,200	39.7	295.0	47,100	74,100	200
205					10.1	247.8	52,900	77,500	35.6	288.2	45,300	71,700	205
210									31.0	280.2	43,600	69,400	210
215									25.7	270.3	41,900	67,200	215
220									18.9	257.2	40,300	65,000	220
225									6.4	232.1	38,500	62,800	225

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



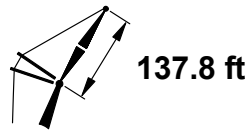
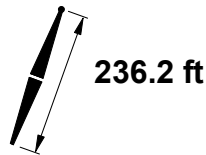
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
70	73.3	375.0	166,800 b	166,800 b									70
75	71.1	373.3	166,400	166,400									75
80	68.9	371.3	165,300	165,300									80
85	66.6	369.2	164,000	164,000	70.4	371.7	166,700	166,700					85
90	64.3	366.8	154,400	154,400	68.1	369.7	166,500	166,500					90
95	62.0	364.1	144,900	144,900	65.8	367.4	165,900	165,900					95
100	59.6	361.2	136,500	136,500	63.5	364.9	159,600	159,600					100
105	57.1	357.9	129,200	129,200	61.1	362.2	151,500	151,500	66.9	366.5	159,600	164,900	105
110	54.5	354.4	122,600	122,600	58.7	359.1	143,700	143,700	64.6	364.1	150,700	163,900	110
115	51.9	350.5	116,800	116,800	56.2	355.8	136,400	136,400	62.2	361.5	142,600	156,200	115
120	49.2	346.2	111,700	111,700	53.6	352.1	129,400	129,400	59.8	358.6	135,300	148,400	120
125	46.3	341.5	107,100	107,100	51.0	348.1	122,800	122,800	57.4	355.4	128,600	140,900	125
130	43.3	336.2	102,900	102,900	48.2	343.6	116,700	116,700	54.8	351.9	122,400	133,700	130
135	40.1	330.4	99,300	99,300	45.3	338.7	111,000	111,000	52.2	348.0	116,800	127,100	135
140	36.6	323.8	96,000	96,000	42.2	333.3	105,600	105,600	49.5	343.8	111,600	120,700	140
145	32.9	316.2	92,200	92,200	38.9	327.2	100,500	100,500	46.6	339.1	106,800	114,600	145
150	28.7	307.4	88,000	88,000	35.4	320.3	95,700	95,700	43.6	333.9	102,300	109,000	150
155	23.8	296.7	84,000	84,000	31.5	312.4	91,300	91,300	40.4	328.1	98,100	103,700	155
160	17.5	282.6	80,400	80,400	27.1	303.0	87,100	87,100	37.0	321.6	94,200	98,800	160
165	6.4	256.4	77,200	77,200	21.8	291.4	83,300	83,300	33.3	314.2	90,500	94,100	165
170					14.7	275.1	79,800	79,800	29.2	305.6	87,000	89,800	170
175									24.3	295.1	83,800	85,700	175
180									18.3	281.5	80,600	82,000	180
185									8.5	258.4	77,600	78,600	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
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245													245

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



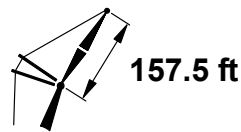
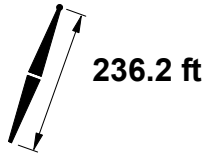
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.3	357.0	105,300	140,400									135
140	59.9	354.1	100,600	134,300									140
145	57.5	350.9	96,200	128,700									145
150	54.9	347.4	92,100	123,400									150
155	52.3	343.5	88,300	118,500									155
160	49.6	339.3	84,700	113,900									160
165	46.7	334.6	81,300	109,600	57.3	344.3	70,600	101,300					165
170	43.7	329.5	78,100	105,600	54.8	340.8	67,800	97,600					170
175	40.6	323.7	75,100	101,800	52.2	336.9	65,100	94,100					175
180	37.2	317.3	72,300	98,300	49.4	332.7	62,600	90,800					180
185	33.5	309.9	69,600	94,900	46.6	328.0	60,200	87,600					185
190	29.3	301.3	67,000	91,000	43.6	322.8	57,900	84,700					190
195	24.6	291.0	64,500	86,900	40.4	317.0	55,700	81,900	51.7	328.1	47,100	75,200	195
200	18.6	277.5	62,100	83,100	37.0	310.5	53,700	79,200	48.9	323.7	45,300	72,700	200
205	9.1	255.3	59,700	79,700	33.3	303.0	51,700	76,700	46.0	319.0	43,500	70,400	205
210					29.1	294.4	49,800	74,200	43.0	313.7	41,900	68,100	210
215					24.3	283.9	48,000	71,900	39.8	307.8	40,300	66,000	215
220					18.2	270.2	46,200	69,700	36.3	301.1	38,800	64,000	220
225					8.2	246.8	44,300	67,400	32.5	293.5	37,300	62,000	225
230									28.3	284.5	35,900	60,100	230
235									23.3	273.6	34,500	58,300	235
240									16.9	259.0	33,100	56,500	240
245									3.7	227.9	31,500	54,600	245

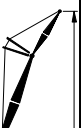
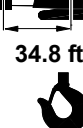
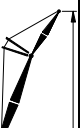
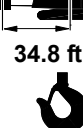
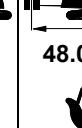
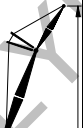
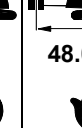
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	73.6	394.0	148,500	148,500									75
80	71.7	392.4	148,100	148,100									80
85	69.7	390.5	147,400	147,400									85
90	67.8	388.5	146,500	146,500	71.0	390.8	148,200	148,200					90
95	65.8	386.2	144,100	144,100	69.0	388.9	148,200	148,200					95
100	63.7	383.7	135,500	135,500	67.1	386.8	147,800	147,800					100
105	61.7	381.1	127,900	127,900	65.0	384.4	147,300	147,300					105
110	59.6	378.1	121,200	121,200	63.0	381.9	146,200	146,200	68.0	385.8	145,800	145,800	110
115	57.4	374.9	115,200	115,200	60.9	379.1	141,000	141,000	66.0	383.6	139,800	145,800	115
120	55.2	371.5	109,900	109,900	58.8	376.1	133,100	133,100	63.9	381.1	132,500	145,800	120
125	52.9	367.7	105,000	105,000	56.6	372.8	126,200	126,200	61.9	378.5	125,800	141,200	125
130	50.6	363.6	100,700	100,700	54.4	369.2	120,000	120,000	59.8	375.6	119,700	136,600	130
135	48.1	359.1	96,800	96,800	52.1	365.4	114,600	114,600	57.6	372.4	114,100	132,100	135
140	45.6	354.3	93,200	93,200	49.7	361.1	109,600	109,600	55.4	369.0	108,900	127,700	140
145	42.9	349.0	90,000	90,000	47.2	356.5	105,300	105,300	53.2	365.2	104,100	123,300	145
150	40.1	343.1	87,200	87,200	44.7	351.5	101,300	101,300	50.8	361.2	99,700	119,100	150
155	37.1	336.6	84,600	84,600	42.0	346.0	97,700	97,700	48.4	356.8	95,500	114,900	155
160	33.9	329.3	82,400	82,400	39.1	340.0	94,500	94,500	45.9	351.9	91,700	111,000	160
165	30.4	321.1	80,500	80,500	36.0	333.2	91,700	91,700	43.2	346.7	88,000	107,000	165
170	26.5	311.4	78,900	78,900	32.7	325.6	89,100	89,100	40.4	340.9	84,600	102,500	170
175	21.8	299.7	77,700	77,700	29.1	316.9	85,900	85,900	37.5	334.5	81,400	97,300	175
180	15.9	284.1	74,300	74,300	24.9	306.7	81,800	81,800	34.3	327.3	78,400	92,500	180
185	4.3	252.8	61,400	61,400	19.9	293.9	77,900	77,900	30.8	319.1	75,500	88,000	185
190					13.1	275.9	72,900	72,900	26.9	309.7	72,800	83,800	190
195									22.4	298.2	70,200	79,800	195
200									16.6	283.2	67,700	76,000	200
205									6.8	256.7	65,000	69,400	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-2

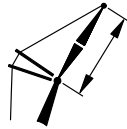
ASME B30.5



386,000 lb



236.2 ft



157.5 ft

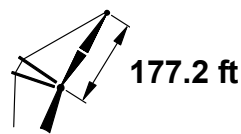
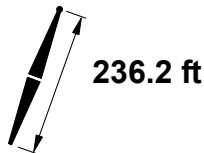
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.0	373.9	92,100	125,700									145
150	59.9	371.0	88,100	120,400									150
155	57.7	367.9	84,300	115,600									155
160	55.5	364.4	80,700	111,000									160
165	53.2	360.7	77,400	106,800									165
170	50.9	356.7	74,300	102,800									170
175	48.5	352.3	71,300	99,100	57.6	361.3	60,900	91,000					175
180	46.0	347.5	68,500	95,500	55.4	357.8	58,400	87,700					180
185	43.3	342.2	65,900	92,200	53.1	354.1	56,100	84,600					185
190	40.6	336.5	63,400	89,100	50.8	350.0	53,900	81,700					190
195	37.6	330.1	61,000	86,100	48.3	345.6	51,800	78,900					195
200	34.4	322.9	58,700	83,300	45.8	340.8	49,800	76,300					200
205	31.0	314.8	56,600	80,600	43.2	335.5	47,800	73,800	52.7	345.3	39,300	67,200	205
210	27.1	305.4	54,500	78,000	40.4	329.7	46,000	71,500	50.3	341.2	37,700	65,000	210
215	22.6	294.1	52,500	75,500	37.4	323.3	44,300	69,200	47.9	336.7	36,200	62,900	215
220	16.9	279.3	50,500	73,100	34.2	316.1	42,600	67,000	45.4	331.8	34,700	61,000	220
225	7.5	254.0	48,500	70,700	30.8	307.9	41,000	65,000	42.7	326.4	33,300	59,000	225
230					26.9	298.4	39,400	63,000	39.9	320.5	31,900	57,200	230
235					22.3	287.0	37,900	61,000	36.9	314.0	30,600	55,500	235
240					16.5	271.9	36,400	59,200	33.6	306.6	29,400	53,800	240
245					6.5	245.0	34,800	57,300	30.1	298.2	28,200	52,200	245
250									26.1	288.4	27,000	50,600	250
260									15.2	260.4	24,700	47,600	260

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	73.8	413.1	129,900	129,900									80
85	72.1	411.5	129,800	129,800									85
90	70.3	409.7	129,400	129,400									90
95	68.6	407.7	128,800	128,800	71.5	409.9	129,100	129,100					95
100	66.9	405.6	124,600	124,600	69.7	408.1	129,100	129,100					100
105	65.1	403.3	117,700	117,700	68.0	406.1	129,100	129,100					105
110	63.3	400.7	111,200	111,200	66.2	403.8	122,800	122,800					110
115	61.4	398.0	105,000	105,000	64.4	401.5	116,100	116,100	68.8	405.1	126,000	126,000	115
120	59.5	395.1	99,200	99,200	62.6	398.9	109,700	109,700	67.0	402.9	126,000	126,000	120
125	57.6	391.9	93,600	93,600	60.8	396.1	103,600	103,600	65.3	400.6	119,500	119,500	125
130	55.7	388.5	88,500	88,500	58.9	393.0	97,800	97,800	63.5	398.1	113,000	113,000	130
135	53.7	384.8	83,600	83,600	56.9	389.8	92,400	92,400	61.6	395.4	106,900	106,900	135
140	51.6	380.9	79,000	79,000	55.0	386.3	87,300	87,300	59.7	392.5	101,000	101,000	140
145	49.5	376.6	74,700	74,700	53.0	382.5	82,400	82,400	57.8	389.4	95,400	95,400	145
150	47.3	372.1	70,600	70,600	50.9	378.5	77,900	77,900	55.9	386.0	90,100	90,100	150
155	45.0	367.1	66,800	66,800	48.7	374.1	73,700	73,700	53.9	382.4	85,100	85,100	155
160	42.6	361.7	63,200	63,200	46.5	369.4	69,700	69,700	51.8	378.4	80,500	80,500	160
165	40.1	355.9	59,800	59,800	44.2	364.3	65,900	65,900	49.7	374.2	76,100	76,100	165
170	37.5	349.4	56,600	56,600	41.8	358.8	62,300	62,300	47.5	369.7	71,900	71,900	170
175	34.7	342.3	53,500	53,500	39.2	352.7	59,000	59,000	45.3	364.8	68,000	68,000	175
180	31.7	334.4	50,700	50,700	36.6	346.1	55,800	55,800	42.9	359.4	64,300	64,300	180
185	28.4	325.5	47,900	47,900	33.7	338.7	52,800	52,800	40.4	353.6	60,800	60,800	185
190	24.6	315.0	45,300	45,300	30.6	330.5	49,900	49,900	37.8	347.3	57,600	57,600	190
195	20.2	302.3	42,900	42,900	27.1	321.0	47,300	47,300	35.0	340.3	54,500	54,500	195
200	14.5	285.3	40,600	40,600	23.2	309.9	44,700	44,700	32.0	332.4	51,500	51,500	200
205					18.4	296.1	42,300	42,300	28.7	323.6	48,700	48,700	205
210					11.8	276.3	40,000	40,000	25.0	313.3	46,100	46,100	210
215									20.7	300.9	43,700	43,700	215
220									15.2	284.6	41,300	41,300	220
225									5.1	253.9	39,100	39,100	225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-2

ASME B30.5



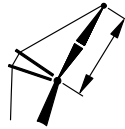
386,000 lb



360°



236.2 ft



177.2 ft

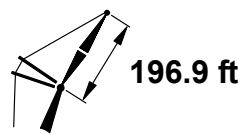
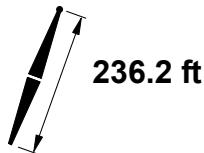
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.5	393.6	86,200	112,600									150
155	61.7	390.9	82,500	106,900									155
160	59.8	388.0	79,000	101,300									160
165	57.9	384.8	75,700	95,900									165
170	56.0	381.5	72,600	90,700									170
175	54.0	377.9	69,700	85,800									175
180	51.9	374.0	66,900	81,200									180
185	49.8	369.7	64,300	76,800	57.8	378.3	54,200	83,200					185
190	47.6	365.2	61,800	72,600	55.9	374.9	52,000	80,300					190
195	45.4	360.3	59,500	68,700	53.9	371.2	49,900	77,600					195
200	43.0	355.0	57,200	65,000	51.8	367.3	48,000	75,000					200
205	40.5	349.2	55,100	61,500	49.7	363.1	46,100	72,500					205
210	37.9	342.9	53,100	58,200	47.5	358.5	44,300	70,200					210
215	35.1	335.9	51,100	55,100	45.2	353.6	42,600	68,000	53.5	362.4	34,200	61,500	215
220	32.2	328.1	49,300	52,100	42.9	348.3	41,000	65,100	51.4	358.5	32,800	59,600	220
225	28.9	319.3	47,500	49,300	40.4	342.5	39,400	61,600	49.3	354.2	31,400	57,700	225
230	25.2	309.1	45,800	46,700	37.8	336.1	37,900	58,300	47.1	349.6	30,100	55,900	230
235	20.9	296.8	44,100	44,200	35.0	329.1	36,400	55,200	44.8	344.6	28,900	54,200	235
240	15.5	280.8	41,800	41,800	32.0	321.3	35,000	52,300	42.4	339.2	27,700	52,500	240
245	6.0	251.8	39,700	39,700	28.7	312.4	33,700	49,500	39.9	333.3	26,500	51,000	245
250					25.0	302.1	32,400	46,800	37.3	326.8	25,400	49,400	250
260					15.1	273.3	29,800	42,000	31.4	311.6	23,200	46,600	260
270									24.3	291.9	21,200	43,900	270
280									13.9	261.4	19,200	41,300	280

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



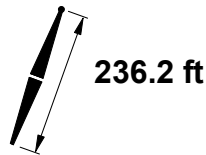
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
85	73.9	432.2	115,200	115,200									85
90	72.4	430.6	115,000	115,000									90
95	70.9	428.8	114,700	114,700									95
100	69.3	426.9	114,200	114,200	71.9	429.0	114,400	114,400					100
105	67.7	424.9	113,700	113,700	70.3	427.2	114,400	114,400					105
110	66.1	422.7	112,900	112,900	68.7	425.3	114,400	114,400					110
115	64.5	420.3	111,800	111,800	67.2	423.2	114,400	114,400					115
120	62.9	417.7	108,200	108,200	65.6	420.9	114,200	114,200					120
125	61.2	415.0	103,300	103,300	63.9	418.5	113,800	113,800	67.9	422.2	112,200	112,200	125
130	59.5	412.0	98,700	98,700	62.3	415.8	113,300	113,300	66.3	420.0	112,200	112,200	130
135	57.8	408.9	94,500	94,500	60.6	413.0	112,400	112,400	64.7	417.7	109,400	112,200	135
140	56.1	405.5	90,700	90,700	58.9	410.0	108,800	108,800	63.1	415.1	104,200	112,200	140
145	54.3	401.9	87,200	87,200	57.2	406.8	105,200	105,200	61.4	412.4	99,500	112,200	145
150	52.4	398.1	84,000	84,000	55.4	403.4	100,800	100,800	59.7	409.5	95,000	109,400	150
155	50.6	394.0	81,100	81,100	53.6	399.7	96,600	96,600	58.0	406.3	90,900	106,200	155
160	48.6	389.6	78,300	78,300	51.8	395.8	92,900	92,900	56.3	403.0	87,000	103,100	160
165	46.6	384.9	75,800	75,800	49.9	391.6	89,500	89,500	54.5	399.5	83,300	100,000	165
170	44.6	379.9	73,600	73,600	47.9	387.1	86,200	86,400	52.6	395.6	79,900	96,900	170
175	42.4	374.5	71,200	71,200	45.9	382.3	82,700	82,700	50.8	391.6	76,700	93,900	175
180	40.2	368.6	68,600	68,600	43.8	377.1	78,700	78,700	48.8	387.2	73,600	89,200	180
185	37.8	362.2	66,100	66,100	41.6	371.5	74,900	74,900	46.8	382.6	70,700	84,700	185
190	35.3	355.3	63,700	63,700	39.4	365.5	71,400	71,400	44.8	377.6	68,000	80,600	190
195	32.7	347.6	61,600	61,600	37.0	358.9	68,200	68,200	42.6	372.2	65,400	76,700	195
200	29.8	339.1	59,700	59,700	34.4	351.8	65,000	65,000	40.4	366.4	62,900	73,100	200
205	26.6	329.5	57,500	57,500	31.7	343.8	62,100	62,100	38.1	360.1	60,600	69,800	205
210	23.0	318.2	55,000	55,000	28.7	334.9	59,300	59,300	35.6	353.2	58,300	66,600	210
215	18.8	304.6	52,500	52,500	25.4	324.8	56,700	56,700	33.0	345.6	56,200	63,600	215
220	13.3	286.2	48,200	48,200	21.7	312.9	54,200	54,200	30.1	337.2	54,100	60,700	220
225					17.1	298.0	51,700	51,700	27.0	327.7	52,200	58,000	225
230					10.6	276.3	47,300	47,300	23.5	316.7	50,300	55,400	230
235									19.3	303.3	48,400	53,000	235
240									14.0	285.7	46,600	50,500	240
245									3.1	248.8	44,700	44,800	245
250													250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-2

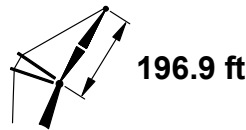
ASME B30.5



386,000 lb



236.2 ft



196.9 ft

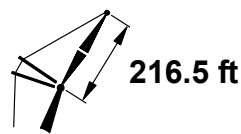
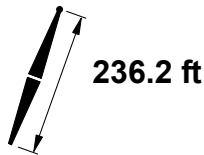
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.1	410.6	74,600	105,600									160
165	61.5	407.8	71,300	102,300									165
170	59.8	404.9	68,300	98,400									170
175	58.1	401.8	65,400	94,700									175
180	56.3	398.5	62,700	91,200									180
185	54.5	394.9	60,100	88,000									185
190	52.7	391.2	57,600	84,900									190
195	50.8	387.1	55,300	81,900	58.0	395.2	45,500	74,300					195
200	48.9	382.8	53,100	79,200	56.2	391.9	43,500	71,700					200
205	46.9	378.1	51,000	76,500	54.4	388.3	41,700	69,300					205
210	44.9	373.1	49,100	74,000	52.6	384.5	39,900	67,000					210
215	42.7	367.8	47,200	71,600	50.7	380.5	38,300	64,800					215
220	40.5	362.0	45,300	69,400	48.8	376.1	36,700	62,700					220
225	38.2	355.7	43,600	67,200	46.8	371.4	35,100	60,700					225
230	35.7	348.8	41,900	65,100	44.8	366.4	33,700	58,700	52.3	375.7	25,600	52,500	230
235	33.1	341.3	40,300	63,100	42.6	361.0	32,300	56,900	50.4	371.6	24,400	50,900	235
240	30.2	332.9	38,800	61,000	40.4	355.2	30,900	55,200	48.5	367.2	23,200	49,200	240
245	27.1	323.5	37,300	58,300	38.0	348.9	29,600	53,500	46.4	362.5	22,100	47,700	245
250	23.6	312.5	35,800	55,700	35.6	342.0	28,400	51,800	44.4	357.4	21,000	46,200	250
260	14.2	281.9	33,000	50,900	30.1	326.0	26,000	48,800	40.0	346.0	18,900	43,400	260
270					23.4	305.4	23,700	45,900	35.1	332.6	17,000	40,800	270
280					13.9	274.3	21,600	43,200	29.5	316.3	15,200	38,400	280
290									22.7	295.1	13,500	36,100	290
300									12.7	262.1	11,800	33,900	300

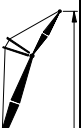
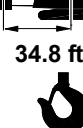
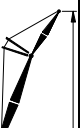
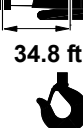
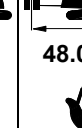
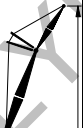
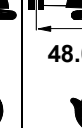
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
95	72.7	449.6	100,500	100,500									95
100	71.3	447.9	100,300	100,300									100
105	69.9	446.1	100,000	100,000									105
110	68.4	444.1	99,600	99,600	70.8	446.4	99,800	99,800					110
115	67.0	442.0	99,100	99,100	69.4	444.5	99,800	99,800					115
120	65.5	439.7	98,600	98,600	67.9	442.5	99,800	99,800					120
125	64.1	437.3	97,500	97,500	66.5	440.3	99,600	99,600					125
130	62.6	434.7	94,600	94,600	65.0	437.9	99,400	99,400	68.6	441.5	97,000	97,000	130
135	61.1	431.9	91,600	91,600	63.5	435.5	99,100	99,100	67.1	439.3	97,000	97,000	135
140	59.5	429.0	88,600	88,600	62.0	432.8	98,700	98,700	65.7	437.1	97,000	97,000	140
145	58.0	425.9	85,700	85,700	60.5	430.0	98,300	98,300	64.2	434.7	97,000	97,000	145
150	56.4	422.5	82,700	82,700	59.0	427.0	96,100	96,100	62.7	432.1	92,800	97,000	150
155	54.8	419.0	79,800	79,800	57.4	423.8	93,200	93,200	61.2	429.3	88,700	97,000	155
160	53.1	415.3	77,000	77,000	55.8	420.4	90,200	90,200	59.7	426.4	84,800	97,000	160
165	51.4	411.3	74,200	74,200	54.2	416.8	87,400	87,400	58.1	423.3	81,200	95,100	165
170	49.7	407.1	71,500	71,500	52.5	413.0	84,400	84,400	56.6	420.0	77,800	92,500	170
175	47.9	402.6	68,900	68,900	50.8	408.9	81,600	81,600	54.9	416.5	74,600	89,900	175
180	46.1	397.8	66,400	66,400	49.1	404.6	77,800	77,800	53.3	412.8	71,600	87,300	180
185	44.2	392.7	64,000	64,000	47.3	400.0	74,000	74,000	51.6	408.9	68,700	83,800	185
190	42.2	387.2	61,800	61,800	45.4	395.1	70,500	70,500	49.9	404.7	66,000	79,700	190
195	40.2	381.4	59,600	59,600	43.5	389.9	67,300	67,300	48.1	400.2	63,400	75,800	195
200	38.1	375.0	57,600	57,600	41.5	384.3	64,200	64,200	46.3	395.4	61,000	72,200	200
205	35.8	368.2	55,700	55,700	39.5	378.3	61,300	61,300	44.4	390.4	58,600	68,900	205
210	33.4	360.8	53,800	53,800	37.3	371.8	58,600	58,600	42.4	384.9	56,400	65,700	210
215	30.9	352.6	51,200	51,200	35.0	364.7	56,000	56,000	40.4	379.1	54,300	62,700	215
220	28.2	343.5	48,600	48,600	32.6	357.0	53,500	53,500	38.3	372.9	52,300	59,900	220
225	25.1	333.2	46,000	46,000	30.0	348.6	50,700	50,700	36.1	366.1	50,400	57,300	225
230	21.7	321.2	43,500	43,500	27.1	339.1	48,100	48,100	33.7	358.7	48,500	54,700	230
235	17.6	306.6	41,000	41,000	24.0	328.3	45,500	45,500	31.2	350.6	46,700	52,300	235
240	12.2	286.8	38,600	38,600	20.4	315.5	43,000	43,000	28.5	341.6	45,000	49,900	240
245					15.9	299.5	40,600	40,600	25.5	331.5	43,300	47,300	245
250					9.6	276.0	38,000	38,000	22.1	319.7	41,700	44,700	250
260									12.9	286.5	38,600	39,800	260
270													270
280													280
290													290
300													300
310													310
320													320

MLC300 VPC-MAX S-2

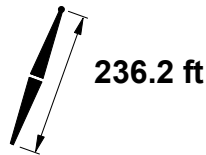
ASME B30.5



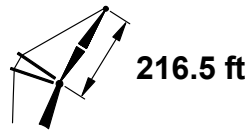
386,000 lb



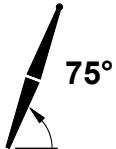
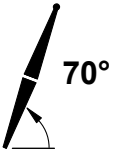
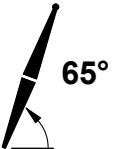
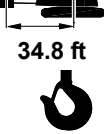
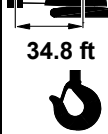
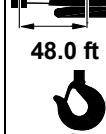
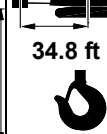
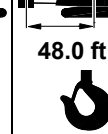
360°



236.2 ft



216.5 ft

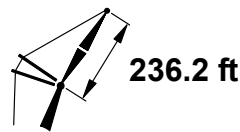
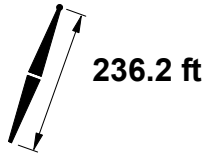
	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170	62.8	427.5	65,900	91,100										170
175	61.3	424.8	63,000	91,100										175
180	59.8	421.9	60,300	89,500										180
185	58.2	418.8	57,800	86,300										185
190	56.6	415.5	55,400	83,200										190
195	55.0	412.0	53,100	80,300										195
200	53.4	408.3	50,900	77,500										200
205	51.7	404.4	48,800	74,900	58.1	412.2	39,200	67,500						205
210	50.0	400.2	46,900	72,400	56.5	408.9	37,500	65,200						210
215	48.2	395.7	45,000	70,100	54.9	405.4	35,800	63,000						215
220	46.4	391.0	43,200	67,800	53.3	401.7	34,300	60,900						220
225	44.5	385.9	41,500	65,600	51.6	397.7	32,800	58,900						225
230	42.5	380.5	39,800	63,600	49.9	393.5	31,300	57,000						230
235	40.5	374.7	38,300	61,600	48.1	389.1	30,000	55,200						235
240	38.4	368.5	36,800	59,700	46.3	384.3	28,600	53,500	53.0	392.9	20,700	47,400		240
245	36.2	361.7	35,300	57,500	44.4	379.2	27,400	51,800	51.3	388.9	19,600	45,900		245
250	33.8	354.4	33,900	55,000	42.4	373.8	26,100	50,200	49.5	384.6	18,600	44,400		250
260	28.6	337.4	31,200	50,300	38.3	361.7	23,800	47,200	45.9	375.3	16,600	41,600		260
270	22.2	315.6	28,700	45,700	33.7	347.5	21,700	44,400	42.1	364.7	14,700	39,100		270
280	13.2	282.7	26,300	40,700	28.4	330.4	19,600	41,800	37.9	352.4	13,000	36,700		280
290					22.0	308.5	17,700	39,400	33.2	338.0	11,300	34,500		290
300					12.8	275.1	15,800	37,000	27.9	320.6		32,400		300
310									21.4	298.0		30,400		310
320									11.6	262.5		28,500		320

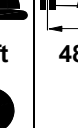
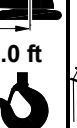
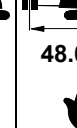
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
100	72.9	468.7	88,400	88,400									100
105	71.6	467.0	88,200	88,200									105
110	70.3	465.2	87,900	87,900									110
115	69.0	463.3	87,600	87,600	71.2	465.5	87,500	87,500					115
120	67.7	461.3	87,200	87,200	69.9	463.7	87,500	87,500					120
125	66.4	459.1	86,800	86,800	68.6	461.7	87,400	87,400					125
130	65.0	456.8	86,300	86,300	67.2	459.6	87,300	87,300					130
135	63.7	454.3	85,800	85,800	65.9	457.3	87,100	87,100					135
140	62.3	451.7	83,300	83,300	64.6	455.0	86,900	86,900	67.8	458.6	84,900	84,900	140
145	60.9	448.9	80,900	80,900	63.2	452.4	86,600	86,600	66.5	456.4	84,900	84,900	145
150	59.5	445.9	78,400	78,400	61.8	449.8	86,300	86,300	65.2	454.1	84,900	84,900	150
155	58.1	442.8	75,900	75,900	60.4	446.9	85,900	85,900	63.8	451.7	84,900	84,900	155
160	56.6	439.5	73,500	73,500	59.0	443.9	85,200	85,200	62.5	449.1	83,900	84,900	160
165	55.2	436.1	71,100	71,100	57.6	440.8	82,800	82,800	61.1	446.3	80,300	84,900	165
170	53.7	432.4	68,800	68,800	56.1	437.4	80,400	80,400	59.7	443.4	76,900	84,900	170
175	52.1	428.5	66,400	66,400	54.6	433.9	78,000	78,000	58.3	440.3	73,700	84,900	175
180	50.6	424.4	64,200	64,200	53.1	430.1	75,600	75,600	56.8	437.0	70,700	84,700	180
185	49.0	420.1	61,900	61,900	51.6	426.2	73,200	73,200	55.3	433.6	67,900	82,400	185
190	47.3	415.5	59,800	59,800	50.0	422.0	70,300	70,300	53.8	429.9	65,200	79,400	190
195	45.6	410.6	57,800	57,800	48.4	417.6	67,000	67,000	52.3	426.1	62,600	75,500	195
200	43.9	405.5	55,900	55,900	46.7	412.9	63,900	63,900	50.7	422.0	60,200	71,900	200
205	42.1	400.0	54,000	54,000	45.0	407.9	61,000	61,000	49.1	417.7	57,900	68,600	205
210	40.2	394.1	52,200	52,200	43.2	402.6	58,300	58,300	47.5	413.1	55,700	65,400	210
215	38.3	387.8	50,500	50,500	41.4	397.0	55,700	55,700	45.8	408.3	53,600	62,400	215
220	36.2	381.1	48,900	48,900	39.5	391.0	53,300	53,300	44.1	403.2	51,600	59,600	220
225	34.1	373.8	47,300	47,300	37.6	384.6	51,000	51,000	42.3	397.7	49,700	57,000	225
230	31.8	365.9	44,800	44,800	35.5	377.7	48,800	48,800	40.4	391.9	47,800	54,500	230
235	29.4	357.2	42,400	42,400	33.3	370.2	46,600	46,600	38.5	385.6	46,100	52,100	235
240	26.7	347.5	40,000	40,000	31.0	362.0	44,400	44,400	36.4	378.9	44,400	49,900	240
245	23.8	336.6	37,700	37,700	28.5	353.0	41,900	41,900	34.3	371.7	42,800	47,700	245
250	20.5	323.9	35,600	35,600	25.7	342.9	39,600	39,600	32.1	363.9	41,200	45,600	250
260	11.2	287.0	31,400	31,400	19.2	317.9	35,200	35,200	27.0	345.7	38,300	41,200	260
270					8.6	275.3	30,900	30,900	20.9	322.5	35,500	36,700	270
280									11.9	286.9	32,300	32,300	280
290													290
300													300
310													310
320													320
330													330
340													340

MLC300 VPC-MAX S-2

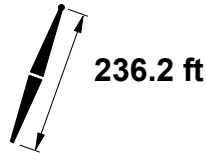
ASME B30.5



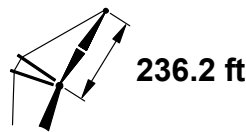
386,000 lb



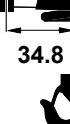
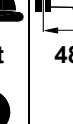
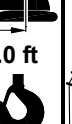
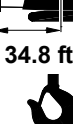
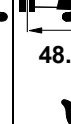
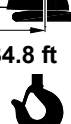
360°



236.2 ft



236.2 ft

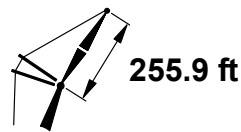
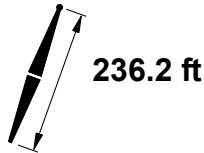
	75°				70°				65°				
 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.9	447.1	61,900	78,400									175
180	62.5	444.5	59,200	78,400									180
185	61.1	441.8	56,700	78,400									185
190	59.7	438.8	54,300	78,400									190
195	58.3	435.8	52,100	78,400									195
200	56.9	432.5	49,900	76,800									200
205	55.4	429.1	47,900	74,200									205
210	53.9	425.4	45,900	71,700									210
215	52.4	421.6	44,100	69,400	58.2	429.2	34,700	62,200					215
220	50.8	417.5	42,300	67,100	56.8	425.9	33,200	60,100					220
225	49.2	413.2	40,600	65,000	55.3	422.5	31,700	58,100					225
230	47.6	408.7	39,000	63,000	53.8	418.8	30,300	56,300					230
235	45.9	403.8	37,400	61,000	52.3	414.9	28,900	54,500					235
240	44.1	398.7	35,900	59,100	50.7	410.9	27,600	52,700					240
245	42.3	393.3	34,500	57,300	49.1	406.6	26,400	51,100					245
250	40.5	387.5	33,100	54,800	47.5	402.0	25,200	49,500	53.5	410.0	17,400	43,600	250
260	36.5	374.6	30,500	50,100	44.0	392.0	22,900	46,500	50.4	402.0	15,400	40,800	260
270	32.2	359.6	28,100	45,900	40.4	380.7	20,800	43,800	47.2	393.0	13,600	38,300	270
280	27.1	341.5	25,800	42,000	36.4	367.8	18,800	41,200	43.7	382.9	11,900	35,900	280
290	21.0	318.4	23,700	37,500	32.0	352.7	17,000	38,800	40.0	371.5	10,400	33,800	290
300	12.2	283.3	21,600	33,100	27.0	334.5	15,200	36,600	36.0	358.4		31,700	300
310					20.8	311.2	13,500	34,400	31.6	343.1		29,800	310
320					11.8	275.5	11,900	32,400	26.5	324.6		28,000	320
330									20.2	300.6		26,300	330
340									10.6	262.6		24,600	340

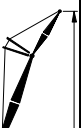
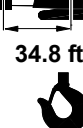
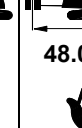
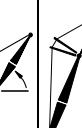
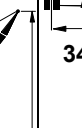
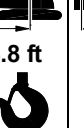
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
105	73.1	487.8	76,800	76,800									105
110	71.9	486.1	76,600	76,600									110
115	70.7	484.4	76,400	76,400									115
120	69.5	482.5	76,100	76,100	71.5	484.6	75,700	75,700					120
125	68.3	480.5	75,700	75,700	70.3	482.8	75,700	75,700					125
130	67.1	478.4	75,300	75,300	69.1	480.9	75,600	75,600					130
135	65.9	476.2	74,900	74,900	67.9	478.8	75,400	75,400					135
140	64.6	473.8	74,500	74,500	66.7	476.7	75,300	75,300					140
145	63.4	471.3	74,100	74,100	65.4	474.4	75,100	75,100	68.4	477.9	73,000	73,000	145
150	62.1	468.6	73,200	73,200	64.2	472.0	74,800	74,800	67.2	475.8	73,000	73,000	150
155	60.8	465.8	71,200	71,200	62.9	469.4	74,500	74,500	66.0	473.5	73,000	73,000	155
160	59.5	462.9	69,100	69,100	61.7	466.7	74,300	74,300	64.8	471.2	73,000	73,000	160
165	58.2	459.8	67,100	67,100	60.4	463.9	73,900	73,900	63.5	468.7	73,000	73,000	165
170	56.9	456.5	65,100	65,100	59.1	460.9	73,600	73,600	62.2	466.0	73,000	73,000	170
175	55.5	453.1	63,100	63,100	57.7	457.7	73,300	73,300	61.0	463.3	72,100	73,000	175
180	54.1	449.5	61,200	61,200	56.4	454.4	71,400	71,400	59.7	460.3	69,100	73,000	180
185	52.7	445.7	59,200	59,200	55.0	450.9	68,300	68,300	58.3	457.3	66,300	73,000	185
190	51.3	441.7	57,300	57,300	53.6	447.3	65,000	65,000	57.0	454.0	63,600	73,000	190
195	49.8	437.5	55,500	55,500	52.2	443.4	61,800	61,800	55.7	450.6	61,100	70,800	195
200	48.3	433.1	52,500	52,500	50.8	439.3	58,600	58,600	54.3	447.0	58,700	67,400	200
205	46.8	428.4	49,400	49,400	49.3	435.0	55,300	55,300	52.9	443.2	56,400	64,000	205
210	45.2	423.5	46,500	46,500	47.8	430.5	52,200	52,200	51.4	439.3	54,200	60,700	210
215	43.6	418.2	43,600	43,600	46.3	425.8	49,100	49,100	50.0	435.1	52,100	57,600	215
220	41.9	412.7	40,800	40,800	44.7	420.7	46,200	46,200	48.5	430.7	50,100	54,700	220
225	40.2	406.9	38,200	38,200	43.0	415.4	43,300	43,300	47.0	426.0	48,200	51,500	225
230	38.4	400.6	35,500	35,500	41.3	409.8	40,500	40,500	45.4	421.1	46,400	48,400	230
235	36.6	393.9	33,000	33,000	39.6	403.8	37,800	37,800	43.8	415.9	44,600	45,400	235
240	34.6	386.8	30,600	30,600	37.8	397.4	35,200	35,200	42.1	410.4	42,500	42,500	240
245	32.5	379.1	28,200	28,200	35.9	390.5	32,700	32,700	40.4	404.6	39,700	39,700	245
250	30.4	370.7	26,000	26,000	33.9	383.2	30,200	30,200	38.6	398.4	37,000	37,000	250
260	25.5	351.3	21,600	21,600	29.6	366.6	25,600	25,600	34.8	384.7	31,900	31,900	260
270	19.4	326.3	17,200	17,200	24.5	346.5	21,100	21,100	30.6	368.7	27,100	27,100	270
280	10.4	287.0	12,900	12,900	18.2	320.0	16,800	16,800	25.8	349.6	22,700	22,700	280
290					7.7	274.1	12,500	12,500	19.8	325.0	18,300	18,300	290
300									11.0	287.1	14,000	14,000	300
310													310
320													320
330													330
340													340
350													350
360													360

MLC300 VPC-MAX S-2

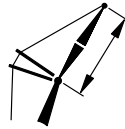
ASME B30.5



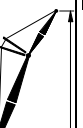
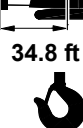
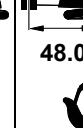
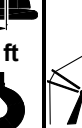
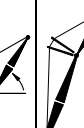
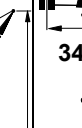
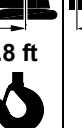
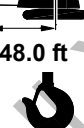
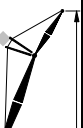
386,000 lb



236.2 ft



255.9 ft

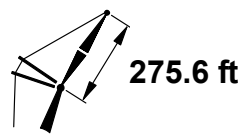
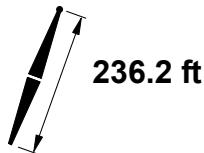
	75°				70°				65°			
												
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185	63.6	464.1	54,900	67,300								185
190	62.3	461.5	52,600	67,300								190
195	61.0	458.7	50,300	67,300								195
200	59.7	455.8	48,200	67,300								200
205	58.4	452.7	46,100	67,300								205
210	57.1	449.5	44,200	67,300								210
215	55.7	446.1	42,400	67,300								215
220	54.3	442.5	40,600	65,900								220
225	52.9	438.7	38,900	63,800	58.3	446.1	29,800	56,800				225
230	51.5	434.8	37,300	61,600	57.0	442.9	28,400	54,900				230
235	50.0	430.6	35,800	58,500	55.6	439.5	27,100	53,100				235
240	48.6	426.2	34,300	55,500	54.3	435.9	25,800	51,400				240
245	47.0	421.6	32,900	52,600	52.9	432.1	24,600	49,800				245
250	45.5	416.7	31,500	49,600	51.4	428.1	23,400	48,200				250
260	42.2	406.0	29,000	43,600	48.5	419.5	21,200	45,300				260
270	38.7	394.0	26,600	38,100	45.4	410.0	19,100	42,500	51.2	419.3	36,900	270
280	34.9	380.3	24,400	32,800	42.1	399.3	17,200	40,000	48.2	410.6	34,600	280
290	30.7	364.4	22,300	28,000	38.6	387.3	15,300	37,600	45.1	401.0	32,500	290
300	25.9	345.3	20,300	23,500	34.8	373.5	13,600	33,400	41.8	390.2	30,400	300
310	20.0	320.9	18,400	19,100	30.6	357.6	12,000	28,600	38.3	378.0	28,600	310
320	11.3	283.6	14,800	14,800	25.7	338.4	10,500	24,000	34.4	364.1	26,800	320
330					19.8	313.7		19,700	30.2	347.9	25,100	330
340					11.0	275.7		15,500	25.2	328.3	23,500	340
350									19.1	303.0	20,000	350
360									9.8	262.3	15,800	360

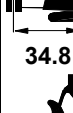
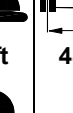
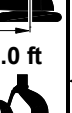
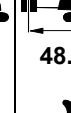
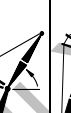
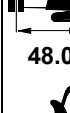
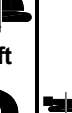
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	 85°				 83°				 80°							
																
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	lb	ft	
110		73.2	506.8	66,100	66,100											110
115		72.1	505.2	65,800	65,800											115
120		71.0	503.5	65,500	65,500											120
125		69.9	501.7	65,200	65,200	71.8	503.7	64,900	64,900							125
130		68.8	499.7	64,800	64,800	70.6	501.9	64,800	64,800							130
135		67.7	497.7	64,500	64,500	69.5	500.1	64,600	64,600							135
140		66.6	495.5	64,100	64,100	68.4	498.1	64,400	64,400							140
145		65.4	493.2	63,700	63,700	67.3	496.0	64,100	64,100							145
150		64.3	490.8	63,200	63,200	66.2	493.8	63,800	63,800	68.9	497.1	62,200	62,200			150
155		63.1	488.3	62,800	62,800	65.0	491.4	63,500	63,500	67.8	495.0	62,200	62,200			155
160		61.9	485.6	62,400	62,400	63.9	489.0	63,200	63,200	66.7	492.9	62,200	62,200			160
165		60.7	482.8	61,500	61,500	62.7	486.4	62,900	62,900	65.5	490.6	62,200	62,200			165
170		59.5	479.9	60,400	60,400	61.5	483.7	62,600	62,600	64.4	488.2	62,100	62,100			170
175		58.3	476.8	59,400	59,400	60.3	480.8	61,600	61,600	63.2	485.7	62,000	62,000			175
180		57.1	473.5	57,900	57,900	59.1	477.8	60,600	60,600	62.0	483.0	61,800	61,800			180
185		55.8	470.1	56,200	56,200	57.9	474.7	59,600	59,600	60.9	480.2	61,600	61,600			185
190		54.5	466.6	54,600	54,600	56.6	471.4	58,700	58,700	59.6	477.3	61,500	61,500			190
195		53.2	462.8	53,000	53,000	55.4	468.0	57,800	57,800	58.4	474.2	60,100	60,500			195
200		51.9	458.9	51,500	51,500	54.1	464.4	57,000	57,000	57.2	471.0	57,700	59,500			200
205		50.6	454.8	49,900	49,900	52.8	460.6	56,000	56,000	55.9	467.6	55,400	58,700			205
210		49.2	450.5	48,000	48,000	51.4	456.6	53,100	53,100	54.7	464.1	53,300	57,800			210
215		47.8	446.0	45,500	45,500	50.1	452.4	50,300	50,300	53.4	460.4	51,200	57,000			215
220		46.4	441.3	43,000	43,000	48.7	448.0	47,700	47,700	52.1	456.5	49,200	55,200			220
225		44.9	436.3	40,600	40,600	47.3	443.4	45,100	45,100	50.7	452.4	47,300	52,300			225
230		43.4	431.0	38,300	38,300	45.8	438.6	42,600	42,600	49.3	448.1	45,500	49,600			230
235		41.8	425.5	36,000	36,000	44.4	433.5	40,200	40,200	47.9	443.6	43,800	46,900			235
240		40.2	419.6	33,900	33,900	42.8	428.2	37,900	37,900	46.5	438.9	42,100	44,400			240
245		38.6	413.4	31,800	31,800	41.3	422.5	35,600	35,600	45.1	433.9	40,500	41,800			245
250		36.8	406.8	29,700	29,700	39.7	416.5	33,500	33,500	43.5	428.7	39,000	39,400			250
260		33.2	392.2	25,600	25,600	36.2	403.4	29,300	29,300	40.4	417.4	34,900	34,900			260
270		29.1	375.2	21,600	21,600	32.5	388.5	25,200	25,200	37.0	404.6	30,700	30,700			270
280		24.3	354.8	17,700	17,700	28.3	371.0	21,300	21,300	33.4	390.1	26,600	26,600			280
290		18.5	328.5	13,800	13,800	23.4	349.8	17,300	17,300	29.3	373.3	22,600	22,600			290
300						17.3	322.0	13,400	13,400	24.6	353.2	18,600	18,600			300
310										18.9	327.3	14,700	14,700			310
320										10.2	287.1	10,800	10,800			320
330																330
340																340
350																350
360																360
370																370
380																380

MLC300 VPC-MAX S-2

ASME B30.5



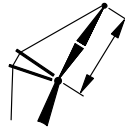
386,000 lb



360°



236.2 ft



275.6 ft

	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	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	49,200	57,100								195
200	62.1	478.5	47,000	57,100								200
205	60.9	475.7	45,000	57,100								205
210	59.7	472.8	43,100	57,100								210
215	58.5	469.7	41,300	57,100								215
220	57.2	466.5	39,500	57,100								220
225	56.0	463.1	37,900	57,100								225
230	54.7	459.6	36,300	57,100								230
235	53.4	455.9	34,800	57,100	58.4	463.1	25,900	51,900				235
240	52.1	452.0	33,300	56,000	57.2	459.9	24,600	50,600				240
245	50.8	447.9	31,900	53,200	55.9	456.5	23,400	49,000				245
250	49.4	443.6	30,600	50,400	54.6	453.0	22,300	47,400				250
260	46.6	434.5	28,000	45,200	52.0	445.4	20,100	44,500				260
270	43.6	424.3	25,700	40,200	49.3	437.0	18,000	41,800				270
280	40.5	413.0	23,500	35,600	46.5	427.8	16,100	39,200	51.8	436.5	33,800	280
290	37.1	400.2	21,400	31,400	43.5	417.6	14,300	36,900	49.1	428.1	31,600	290
300	33.5	385.8	19,500	27,400	40.4	406.2	12,700	34,700	46.2	418.8	29,600	300
310	29.4	369.0	17,700	23,400	37.0	393.5	11,100	31,800	43.2	408.5	27,800	310
320	24.7	349.0	16,000	19,400	33.3	379.0		27,800	40.1	397.0	26,000	320
330	19.0	323.3	14,300	15,500	29.3	362.1		23,800	36.7	384.1	24,400	330
340	10.5	283.6	11,600	11,600	24.6	341.9		19,900	33.0	369.4	22,800	340
350					18.8	316.0		16,000	28.9	352.4	21,300	350
360					10.2	275.6		12,200	24.1	331.8	19,900	360
370									18.2	305.1	16,300	370
380									8.9	261.7	12,500	380

MLC300 VPC-MAX S-2

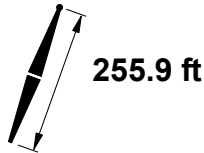
ASME B30.5



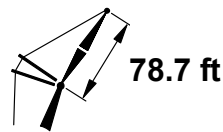
386,000 lb



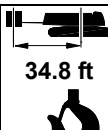
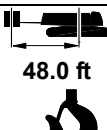
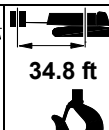
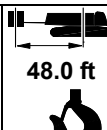
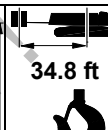
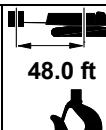
360°



255.9 ft



78.7 ft

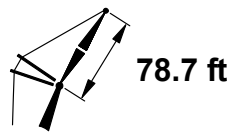
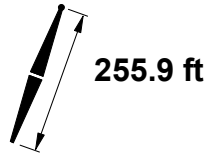
	 85°				 83°				 80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55	73.1	337.9	217,200 d	217,200 d									55
60	69.3	336.0	215,500 d	215,500 d									60
65	65.3	333.7	210,500 c	210,500 c									65
70	61.1	331.0	195,900 c	195,900 c	68.4	334.6	216,800 d	216,800 d					70
75	56.8	327.7	181,900 b	181,900 b	64.4	332.2	214,400 c	214,400 c					75
80	52.2	323.9	169,900 b	169,900 b	60.2	329.3	204,600 c	204,600 c					80
85	47.2	319.3	159,700	159,700	55.8	325.9	191,600 b	191,600 b	67.1	331.7	210,000 d	212,400 d	85
90	41.9	313.8	151,000	151,000	51.1	321.9	178,900 b	178,900 b	63.0	329.2	195,800 c	203,100 c	90
95	35.8	307.1	143,800	143,800	46.1	317.2	168,100	168,100	58.7	326.1	183,300 b	193,700 b	95
100	28.5	298.5	138,000	138,000	40.6	311.5	158,900	158,900	54.3	322.6	172,100 b	184,500 b	100
105	18.6	285.8	134,100	134,100	34.3	304.5	151,200	151,200	49.5	318.3	162,200 b	175,500 b	105
110					26.7	295.3	145,000	145,000	44.3	313.3	153,200	166,800	110
115					15.6	280.8	140,500	140,500	38.6	307.2	145,000	158,200	115
120									32.0	299.6	137,600	149,600	120
125									23.6	289.2	130,700	140,400	125
130									8.5	269.1	124,200	130,400	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-2

ASME B30.5



386,000 lb



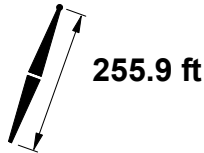
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.4	322.3	132,100 b	173,300 b									115
120	56.0	318.9	125,500 b	164,600 b									120
125	51.3	315.0	119,500 b	156,700 b									125
130	46.3	310.3	113,800	149,500									130
135	40.9	304.6	108,600	142,800									135
140	34.6	297.7	103,700	136,600	57.2	313.0	91,300 b	126,800 b					140
145	27.1	288.6	99,200	130,800	52.6	309.2	87,400 b	121,500 b					145
150	16.2	274.5	94,800	123,600	47.7	304.7	83,700	116,500					150
155					42.4	299.4	80,200	111,900					155
160					36.4	292.8	76,900	107,600					160
165					29.3	284.4	73,700	103,500	53.3	301.0	63,600 b	95,600 b	165
170					19.8	272.3	70,600	99,600	48.4	296.6	61,000	92,100	170
175									43.2	291.4	58,600	88,800	175
180									37.3	285.0	56,300	85,700	180
185									30.4	276.9	54,000	82,700	185
190									21.3	265.6	51,800	79,800	190

MLC300 VPC-MAX S-2

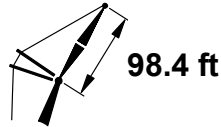
ASME B30.5



386,000 lb



255.9 ft



98.4 ft

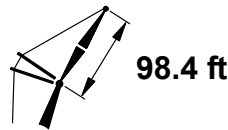
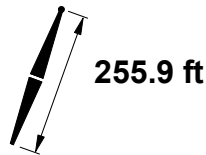
85°					83°				80°				
ft	°	ft	lb	lb	ft	lb	lb	lb	ft	lb	lb	lb	ft
60	73.6	357.0	187,400 d	187,400 d									60
65	70.5	355.2	186,200 c	186,200 c									65
70	67.3	353.1	184,100 c	184,100 c									70
75	64.1	350.7	179,600 b	179,600 b	69.8	353.8	187,100 c	187,100 c					75
80	60.8	347.9	167,400 b	167,400 b	66.7	351.6	185,900 c	185,900 c					80
85	57.3	344.7	156,900	156,900	63.4	349.1	184,000 b	184,000 b					85
90	53.7	341.1	147,700	147,700	60.0	346.3	178,700 b	178,700 b	68.8	351.0	185,900 c	185,900 c	90
95	49.9	336.9	139,700	139,700	56.6	343.0	167,200	167,200	65.6	348.7	182,000 b	185,600 b	95
100	45.9	332.1	132,700	132,700	52.9	339.2	157,200	157,200	62.3	346.1	170,900 b	178,200 b	100
105	41.6	326.6	126,700	126,700	49.1	334.9	148,600	148,600	58.9	343.1	161,000	170,800	105
110	36.8	320.1	121,500	121,500	45.0	330.0	141,100	141,100	55.3	339.7	152,100	163,600	110
115	31.3	312.2	117,300	117,300	40.6	324.3	134,500	134,500	51.6	335.7	144,100	156,500	115
120	24.8	302.1	113,900	113,900	35.7	317.5	129,000	129,000	47.7	331.2	136,700	149,600	120
125	15.7	287.3	112,100	112,100	30.1	309.2	124,300	124,300	43.5	326.0	130,100	142,900	125
130					23.2	298.5	120,700	120,700	39.0	320.0	123,900	136,400	130
135					12.8	281.4	116,200	116,200	33.9	312.8	118,200	129,800	135
140									27.9	303.9	112,900	123,100	140
145									20.3	291.8	108,000	116,100	145
150									5.0	266.1	103,100	108,400	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-2

ASME B30.5



386,000 lb



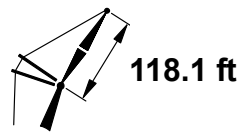
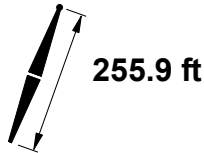
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	63.5	342.1	123,500 b	163,200 b									120
125	60.2	339.2	117,600 b	155,400 b									125
130	56.7	336.0	112,100	148,200									130
135	53.1	332.2	107,000	141,600									135
140	49.2	328.0	102,300	135,500									140
145	45.2	323.1	98,000	129,900									145
150	40.8	317.4	93,800	124,600	57.7	330.0	81,700	115,100					150
155	35.9	310.7	90,000	119,700	54.1	326.4	78,300	110,600					155
160	30.3	302.5	86,300	115,100	50.3	322.3	75,100	106,300					160
165	23.5	291.9	82,900	109,700	46.3	317.5	72,100	102,400					165
170	13.4	275.3	79,400	102,900	42.0	312.1	69,300	98,600					170
175					37.3	305.7	66,600	95,100					175
180					31.9	298.0	64,000	91,800	50.8	314.1	54,400	84,300	180
185					25.5	288.2	61,600	88,600	46.9	309.5	52,300	81,400	185
190					16.8	274.1	59,100	85,500	42.6	304.1	50,300	78,700	190
195									37.9	297.9	48,400	76,100	195
200									32.7	290.4	46,500	73,600	200
205									26.5	280.9	44,700	71,200	205
210									18.2	267.7	43,000	68,900	210

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



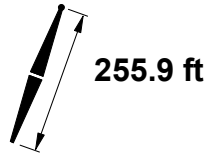
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.9	376.1	165,800 c	165,800 c									65
70	71.3	374.4	164,900 b	164,900 b									70
75	68.7	372.4	163,300 b	163,300 b									75
80	66.1	370.2	161,300	161,300	70.8	373.0	165,600 b	165,600 b					80
85	63.3	367.7	154,400	154,400	68.1	371.0	164,800 b	164,800 b					85
90	60.6	364.9	145,100	145,100	65.5	368.7	163,400	163,400					90
95	57.7	361.7	136,900	136,900	62.7	366.1	161,700	161,700					95
100	54.7	358.2	129,700	129,700	59.9	363.2	156,300	156,300	67.2	368.1	164,300	164,300	100
105	51.6	354.2	123,400	123,400	57.1	360.0	147,200	147,200	64.6	365.7	158,300	162,300	105
110	48.4	349.8	117,700	117,700	54.1	356.4	139,300	139,300	61.8	363.1	149,400	156,200	110
115	45.0	344.9	112,600	112,600	51.0	352.3	132,300	132,300	59.0	360.1	141,400	150,200	115
120	41.4	339.3	108,200	108,200	47.7	347.8	126,100	126,100	56.1	356.7	134,200	144,400	120
125	37.4	332.9	104,400	104,400	44.2	342.8	120,700	120,700	53.0	353.0	127,600	138,600	125
130	33.1	325.5	101,100	101,100	40.5	337.0	115,900	115,900	49.9	348.8	121,500	133,000	130
135	28.1	316.5	98,400	98,400	36.5	330.4	111,600	111,600	46.5	344.1	115,900	127,600	135
140	22.1	305.1	96,500	96,500	32.1	322.7	108,000	108,000	43.0	338.8	110,700	122,200	140
145	13.4	288.1	95,700	95,700	26.9	313.3	105,100	105,100	39.2	332.8	105,900	117,100	145
150					20.5	301.2	102,000	102,000	35.1	325.8	101,400	111,900	150
155					10.6	281.4	96,000	96,000	30.4	317.6	97,300	106,700	155
160									24.9	307.5	93,300	101,400	160
165									17.9	293.8	89,600	95,900	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-2

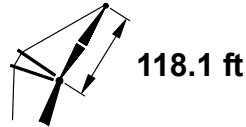
ASME B30.5



386,000 lb



255.9 ft



118.1 ft

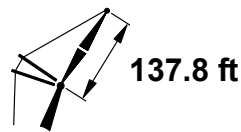
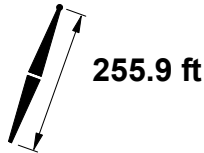
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.9	359.1	108,000	145,200									130
135	60.1	356.2	103,000	138,700									135
140	57.2	353.0	98,400	132,600									140
145	54.2	349.4	94,100	127,100									145
150	51.1	345.4	90,100	121,900									150
155	47.8	340.9	86,300	117,000									155
160	44.4	335.8	82,800	112,500	58.0	347.0	70,900	103,200					160
165	40.7	330.1	79,500	108,300	55.0	343.5	68,000	99,300					165
170	36.7	323.6	76,400	104,300	51.9	339.6	65,300	95,700					170
175	32.2	315.9	73,400	100,500	48.7	335.2	62,700	92,200					175
180	27.1	306.6	70,600	95,600	45.3	330.3	60,200	89,000					180
185	20.8	294.6	67,800	90,600	41.7	324.8	57,900	85,900					185
190	11.2	275.4	65,100	85,200	37.8	318.5	55,700	83,000	52.4	331.4	46,100	75,600	190
195					33.5	311.2	53,600	80,200	49.2	327.1	44,300	73,000	195
200					28.6	302.4	51,500	77,600	45.8	322.3	42,500	70,600	200
205					22.7	291.3	49,500	75,000	42.2	316.9	40,900	68,300	205
210					14.5	275.2	47,600	72,600	38.4	310.7	39,300	66,200	210
215									34.1	303.5	37,700	64,100	215
220									29.3	294.9	36,300	62,100	220
225									23.6	284.3	34,800	60,100	225
230									15.9	269.2	33,300	58,200	230

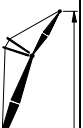
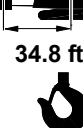
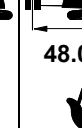
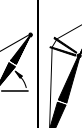
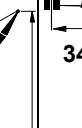
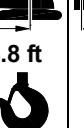
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	71.9	393.5	144,100 b	144,100 b									75
80	69.7	391.6	143,100	143,100									80
85	67.4	389.5	141,800	141,800	71.4	392.1	144,300 b	144,300 b					85
90	65.1	387.2	140,200	140,200	69.2	390.2	144,000	144,000					90
95	62.8	384.6	135,700	135,700	66.9	388.1	143,300	143,300					95
100	60.4	381.8	128,300	128,300	64.6	385.7	142,300	142,300					100
105	57.9	378.7	121,800	121,800	62.3	383.1	141,000	141,000	68.4	387.4	142,400	142,400	105
110	55.4	375.3	115,900	115,900	59.9	380.2	138,800	138,800	66.2	385.2	142,400	142,400	110
115	52.8	371.5	110,600	110,600	57.4	377.0	132,000	132,000	63.8	382.7	140,200	142,400	115
120	50.1	367.3	105,900	105,900	54.9	373.5	125,500	125,500	61.5	380.0	133,000	138,300	120
125	47.3	362.7	101,700	101,700	52.2	369.6	119,700	119,700	59.1	377.0	126,400	133,500	125
130	44.3	357.7	97,900	97,900	49.5	365.4	114,400	114,400	56.6	373.7	120,300	128,700	130
135	41.2	352.0	94,400	94,400	46.7	360.7	109,800	109,800	54.0	370.1	114,800	124,000	135
140	37.9	345.7	91,400	91,400	43.7	355.5	105,500	105,500	51.3	366.1	109,600	119,400	140
145	34.2	338.6	88,800	88,800	40.5	349.7	100,700	100,700	48.6	361.7	104,900	115,000	145
150	30.2	330.2	86,600	86,600	37.1	343.3	96,000	96,000	45.7	356.9	100,500	110,200	150
155	25.6	320.3	83,900	83,900	33.4	335.9	91,600	91,600	42.6	351.5	96,300	105,000	155
160	19.9	307.6	80,300	80,300	29.3	327.3	87,500	87,500	39.4	345.5	92,500	100,100	160
165	11.6	288.4	77,100	77,100	24.5	316.9	83,700	83,700	35.9	338.8	88,900	95,500	165
170					18.5	303.3	80,100	80,100	32.1	331.0	85,500	91,100	170
175					8.8	280.7	76,900	76,900	27.7	321.9	82,300	87,100	175
180									22.6	310.7	79,200	83,200	180
185									15.9	295.3	76,300	79,700	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
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250													250

MLC300 VPC-MAX S-2

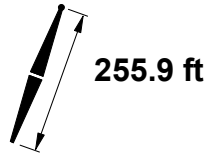
ASME B30.5



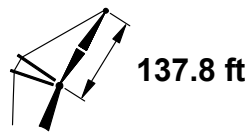
386,000 lb



360°



255.9 ft



137.8 ft

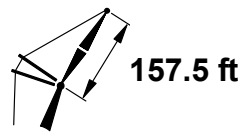
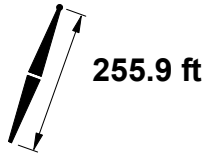
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	62.4	376.0	96,500	130,100									140
145	60.0	373.1	92,200	125,700									145
150	57.5	370.0	88,300	120,500									150
155	55.0	366.5	84,500	115,700									155
160	52.4	362.6	81,100	111,300									160
165	49.6	358.4	77,800	107,100									165
170	46.8	353.8	74,700	103,100	58.2	363.9	63,300	94,200					170
175	43.8	348.6	71,800	99,400	55.7	360.5	60,700	90,800					175
180	40.6	342.9	69,100	96,000	53.1	356.8	58,300	87,600					180
185	37.2	336.4	66,500	92,300	50.4	352.7	56,100	84,600					185
190	33.5	329.0	64,000	88,400	47.6	348.1	53,900	81,700					190
195	29.4	320.5	61,700	84,500	44.6	343.1	51,800	79,000					195
200	24.7	310.2	59,400	80,600	41.5	337.6	49,900	76,400	53.4	348.6	40,500	69,100	200
205	18.7	296.8	57,200	76,600	38.2	331.3	48,000	73,900	50.8	344.5	38,900	66,900	205
210	9.4	275.0	54,900	72,200	34.6	324.2	46,200	71,600	48.0	340.0	37,400	64,800	210
215					30.6	316.0	44,500	69,400	45.0	335.1	35,900	62,700	215
220					26.0	306.3	42,900	67,200	42.0	329.6	34,500	60,800	220
225					20.5	294.0	41,200	65,100	38.7	323.5	33,200	58,900	225
230					12.7	275.9	39,600	63,100	35.1	316.5	31,800	57,100	230
235									31.2	308.5	30,600	55,400	235
240									26.7	299.0	29,300	53,700	240
245									21.4	287.1	28,100	52,100	245
250									14.0	270.3	26,900	50,500	250

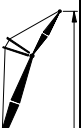
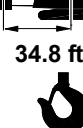
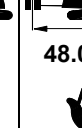
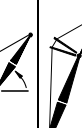
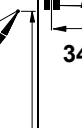
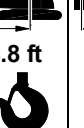
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



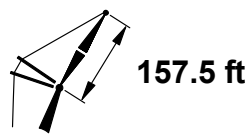
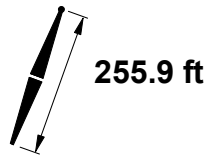
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
80	72.3	412.6	128,500	128,500									80
85	70.4	410.8	127,800	127,800									85
90	68.4	408.8	126,800	126,800	71.9	411.2	128,500	128,500					90
95	66.4	406.6	125,500	125,500	70.0	409.4	128,400	128,400					95
100	64.4	404.2	124,200	124,200	68.0	407.4	128,000	128,000					100
105	62.4	401.6	119,400	119,400	66.0	405.1	127,200	127,200					105
110	60.3	398.8	113,400	113,400	64.0	402.7	126,300	126,300					110
115	58.1	395.7	108,100	108,100	61.9	400.0	125,200	125,200	67.3	404.5	126,700	126,700	115
120	55.9	392.3	103,300	103,300	59.8	397.1	123,300	123,300	65.3	402.2	126,700	126,700	120
125	53.7	388.6	99,000	99,000	57.7	394.0	118,200	118,200	63.3	399.7	123,500	126,700	125
130	51.4	384.7	95,000	95,000	55.5	390.5	112,800	112,800	61.2	397.0	117,500	123,100	130
135	49.0	380.3	91,500	91,500	53.2	386.8	107,800	107,800	59.1	394.0	112,000	119,000	135
140	46.5	375.6	88,200	88,200	50.9	382.7	103,400	103,400	56.9	390.7	106,900	115,000	140
145	43.8	370.5	85,300	85,300	48.4	378.3	99,400	99,400	54.7	387.2	102,200	111,000	145
150	41.1	364.8	82,600	82,600	45.9	373.5	95,800	95,800	52.4	383.4	97,800	107,100	150
155	38.2	358.5	80,300	80,300	43.3	368.3	92,500	92,500	50.1	379.2	93,700	103,300	155
160	35.1	351.5	78,200	78,200	40.5	362.5	89,600	89,600	47.6	374.7	89,900	99,600	160
165	31.7	343.6	75,700	75,700	37.5	356.1	86,900	86,900	45.0	369.7	86,400	96,000	165
170	27.9	334.5	73,200	73,200	34.4	348.9	84,600	84,600	42.4	364.3	82,900	92,500	170
175	23.5	323.6	71,100	71,100	30.9	340.8	82,300	82,300	39.5	358.3	79,700	88,900	175
180	18.1	309.7	69,500	69,500	27.0	331.4	79,300	79,300	36.5	351.7	76,700	85,400	180
185	10.1	288.3	67,800	67,800	22.5	320.0	75,800	75,800	33.2	344.2	73,800	82,000	185
190					16.8	305.1	72,200	72,200	29.6	335.7	71,000	78,500	190
195					7.2	279.2	67,500	67,500	25.6	325.7	68,400	75,100	195
200									20.7	313.4	65,800	71,700	200
205									14.3	296.5	63,400	68,000	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
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270													270

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



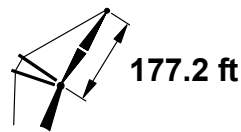
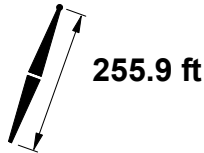
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.0	393.0	84,100	115,600									150
155	59.9	390.1	80,500	112,000									155
160	57.8	386.9	77,000	108,300									160
165	55.6	383.5	73,800	104,100									165
170	53.3	379.8	70,800	100,300									170
175	51.0	375.8	68,000	96,600									175
180	48.5	371.4	65,300	93,100	58.4	380.9	54,100	84,400					180
185	46.0	366.6	62,700	89,900	56.2	377.6	51,800	81,500					185
190	43.4	361.4	60,300	86,800	53.9	373.9	49,700	78,600					190
195	40.6	355.6	58,000	83,600	51.6	370.0	47,700	75,900					195
200	37.7	349.2	55,800	80,300	49.2	365.7	45,800	73,400					200
205	34.5	342.1	53,700	77,100	46.7	361.0	44,000	71,000					205
210	31.0	334.0	51,700	73,900	44.1	355.9	42,300	68,700					210
215	27.2	324.6	49,800	70,700	41.4	350.3	40,700	66,500	51.9	361.8	31,600	59,600	215
220	22.7	313.3	48,000	67,500	38.5	344.1	39,100	64,400	49.5	357.5	30,300	57,700	220
225	17.0	298.7	46,100	64,100	35.4	337.2	37,500	62,400	47.1	352.9	29,000	55,800	225
230	7.8	273.8	44,300	60,300	32.0	329.4	36,100	60,500	44.5	347.9	27,700	54,100	230
235					28.3	320.4	34,700	58,700	41.8	342.3	26,500	52,400	235
240					24.0	309.7	33,300	56,900	38.9	336.2	25,400	50,800	240
245					18.7	296.2	31,900	55,200	35.8	329.4	24,300	49,300	245
250					11.2	276.1	30,500	53,400	32.5	321.8	23,200	47,800	250
260									24.6	302.6	21,100	45,000	260
270									12.5	270.9	19,000	42,300	270

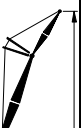
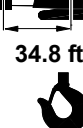
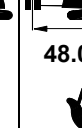
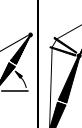
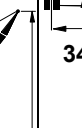
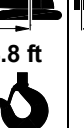
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



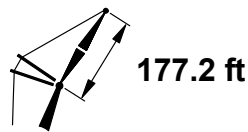
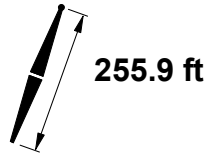
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
85	72.7	431.7	113,700	113,700									85
90	70.9	429.9	113,200	113,200									90
95	69.2	428.0	112,600	112,600									95
100	67.5	425.9	111,700	111,700	70.6	428.5	113,300	113,300					100
105	65.7	423.7	110,700	110,700	68.8	426.6	113,100	113,100					105
110	63.9	421.2	109,700	109,700	67.1	424.5	112,700	112,700					110
115	62.1	418.6	105,700	105,700	65.3	422.2	112,200	112,200					115
120	60.2	415.7	100,000	100,000	63.5	419.7	111,000	111,000	68.2	423.8	111,000	111,000	120
125	58.3	412.6	94,600	94,600	61.7	417.0	105,200	105,200	66.5	421.6	111,000	111,000	125
130	56.3	409.3	89,500	89,500	59.8	414.1	99,600	99,600	64.7	419.2	111,000	111,000	130
135	54.4	405.7	84,700	84,700	57.9	410.9	94,200	94,200	62.9	416.7	109,600	109,600	135
140	52.3	401.9	80,200	80,200	55.9	407.6	89,200	89,200	61.0	413.9	103,900	103,900	140
145	50.2	397.7	75,900	75,900	53.9	403.9	84,300	84,300	59.1	410.9	98,300	98,300	145
150	48.1	393.3	71,800	71,800	51.9	400.0	79,800	79,800	57.2	407.7	93,100	93,100	150
155	45.8	388.5	68,000	68,000	49.8	395.8	75,500	75,500	55.3	404.3	88,100	88,100	155
160	43.5	383.2	64,300	64,300	47.6	391.3	71,400	71,400	53.2	400.5	83,300	83,300	160
165	41.0	377.5	60,900	60,900	45.3	386.4	67,600	67,600	51.2	396.5	78,900	78,900	165
170	38.4	371.3	57,700	57,700	43.0	381.0	63,900	63,900	49.0	392.2	74,600	74,600	170
175	35.7	364.5	54,600	54,600	40.5	375.2	60,600	60,600	46.8	387.6	70,600	70,600	175
180	32.8	356.9	51,700	51,700	37.9	368.9	57,300	57,300	44.5	382.5	66,800	66,800	180
185	29.5	348.3	48,900	48,900	35.1	361.9	54,200	54,200	42.1	377.0	63,200	63,200	185
190	26.0	338.4	46,200	46,200	32.1	354.1	51,400	51,400	39.6	371.1	59,900	59,900	190
195	21.8	326.6	43,800	43,800	28.8	345.3	48,600	48,600	36.9	364.5	56,700	56,700	195
200	16.7	311.5	41,400	41,400	25.1	335.1	46,000	46,000	34.1	357.3	53,600	53,600	200
205	8.8	287.6	39,200	39,200	20.8	322.7	43,500	43,500	31.0	349.2	50,700	50,700	205
210					15.3	306.5	41,200	41,200	27.6	339.9	48,000	48,000	210
215					5.6	276.8	39,000	39,000	23.8	329.1	45,400	45,400	215
220									19.1	315.7	43,000	43,000	220
225									13.0	297.2	40,700	40,700	225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280
290													290

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



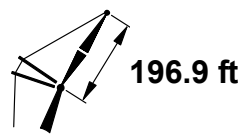
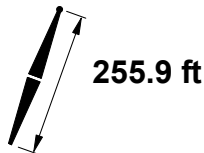
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.6	412.6	78,600	104,600									155
160	61.7	410.0	75,200	104,000									160
165	59.9	407.1	72,000	100,300									165
170	58.0	403.9	69,000	95,300									170
175	56.0	400.6	66,200	90,300									175
180	54.0	396.9	63,600	85,600									180
185	52.0	393.0	61,000	81,100									185
190	49.8	388.8	58,700	76,700	58.5	397.9	47,800	77,200					190
195	47.7	384.3	56,400	72,600	56.5	394.6	45,800	74,600					195
200	45.4	379.4	54,200	68,800	54.6	391.0	44,000	72,000					200
205	43.0	374.1	52,200	65,100	52.5	387.2	42,200	69,700					205
210	40.6	368.3	50,300	61,600	50.4	383.1	40,500	67,400					210
215	38.0	362.0	48,400	58,400	48.3	378.7	38,900	65,200					215
220	35.2	355.1	46,600	55,200	46.0	373.9	37,300	63,200					220
225	32.2	347.3	44,900	52,300	43.7	368.7	35,900	61,200	52.8	379.0	27,000	54,400	225
230	28.9	338.5	43,200	49,500	41.3	363.0	34,400	59,300	50.7	374.9	25,800	52,700	230
235	25.3	328.4	41,600	46,800	38.7	356.9	33,100	57,500	48.6	370.5	24,700	51,000	235
240	21.0	316.1	40,100	44,300	36.0	350.1	31,800	55,800	46.3	365.8	23,600	49,500	240
245	15.6	300.1	38,600	41,900	33.1	342.6	30,500	53,400	44.0	360.7	22,500	48,000	245
250	6.3	271.9	37,000	39,800	29.9	334.1	29,300	50,500	41.6	355.1	21,400	46,500	250
260					22.3	312.8	26,900	45,300	36.4	342.3	19,500	43,800	260
270					9.8	275.8	24,600	40,700	30.3	326.6	17,600	41,200	270
280									22.8	305.8	15,900	38,800	280
290									11.2	271.1	14,100	36,500	290

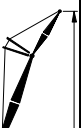
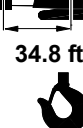
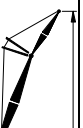
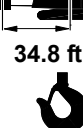
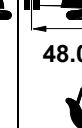
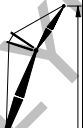
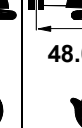
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



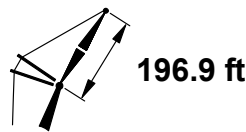
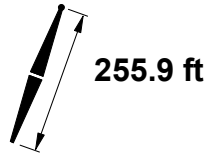
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
90	72.9	450.7	100,500	100,500									90
95	71.4	449.0	100,200	100,200									95
100	69.8	447.2	99,600	99,600									100
105	68.3	445.2	99,000	99,000	71.1	447.7	100,200	100,200					105
110	66.7	443.0	98,200	98,200	69.5	445.8	100,100	100,100					110
115	65.1	440.7	97,400	97,400	67.9	443.7	99,800	99,800					115
120	63.4	438.2	96,500	96,500	66.3	441.6	99,500	99,500					120
125	61.8	435.5	93,300	93,300	64.7	439.2	99,000	99,000	69.0	443.0	98,000	98,000	125
130	60.1	432.7	90,100	90,100	63.1	436.7	98,400	98,400	67.4	440.9	98,000	98,000	130
135	58.4	429.6	86,900	86,900	61.4	433.9	97,700	97,700	65.8	438.7	98,000	98,000	135
140	56.7	426.3	83,800	83,800	59.8	431.0	97,000	97,000	64.2	436.3	98,000	98,000	140
145	54.9	422.8	80,700	80,700	58.0	427.9	94,200	94,200	62.5	433.7	96,600	98,000	145
150	53.1	419.1	77,700	77,700	56.3	424.6	91,000	91,000	60.9	430.9	92,300	97,600	150
155	51.2	415.1	74,800	74,800	54.5	421.0	88,000	88,000	59.2	427.9	88,200	94,600	155
160	49.3	410.8	72,000	72,000	52.7	417.2	84,900	84,900	57.5	424.7	84,400	91,700	160
165	47.3	406.2	69,300	69,300	50.8	413.2	81,900	81,900	55.7	421.3	80,900	88,900	165
170	45.3	401.3	66,700	66,700	48.9	408.8	79,100	79,100	53.9	417.7	77,500	86,100	170
175	43.2	396.0	64,200	64,200	46.9	404.2	76,200	76,200	52.1	413.8	74,300	83,300	175
180	41.0	390.3	61,900	61,900	44.8	399.2	73,400	73,400	50.2	409.6	71,400	80,600	180
185	38.6	384.1	59,700	59,700	42.7	393.8	70,800	70,800	48.2	405.2	68,500	77,900	185
190	36.2	377.4	57,600	57,600	40.5	388.0	68,300	68,300	46.2	400.4	65,900	75,300	190
195	33.6	370.0	55,800	55,800	38.1	381.7	65,900	65,900	44.1	395.3	63,300	72,700	195
200	30.8	361.8	54,000	54,000	35.7	374.8	63,600	63,600	42.0	389.8	60,900	70,100	200
205	27.7	352.5	52,400	52,400	33.0	367.3	61,500	61,500	39.7	383.8	58,600	67,600	205
210	24.3	341.9	51,000	51,000	30.2	358.9	59,500	59,500	37.3	377.3	56,400	65,200	210
215	20.4	329.2	49,900	49,900	27.1	349.4	57,800	57,800	34.8	370.3	54,300	62,600	215
220	15.4	313.0	49,200	49,200	23.5	338.4	55,500	55,500	32.1	362.4	52,300	60,200	220
225	7.5	286.3	43,600	43,600	19.4	325.1	53,000	53,000	29.2	353.7	50,400	57,900	225
230					14.1	307.6	50,600	50,600	25.9	343.8	48,600	55,500	230
235					3.8	272.6	43,400	43,400	22.2	332.1	46,800	53,100	235
240									17.8	317.8	45,000	50,600	240
245									11.8	297.7	43,300	47,800	245
250													250
260													260
270													270
280													280
290													290
300													300
310													310

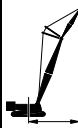
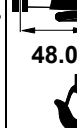
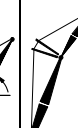
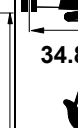
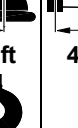
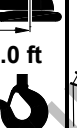
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



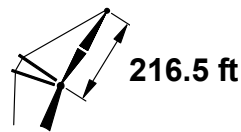
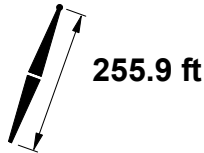
	 75°				 70°				 65°					
														
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90														90
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165	63.2	429.6	67,600	93,000										165
170	61.5	426.9	64,600	91,200										170
175	59.8	424.0	61,800	88,700										175
180	58.1	420.9	59,200	86,100										180
185	56.4	417.6	56,700	83,400										185
190	54.6	414.0	54,400	80,900										190
195	52.8	410.2	52,200	78,300										195
200	50.9	406.2	50,100	75,700	58.6	414.8	39,400	68,700						200
205	49.0	401.9	48,100	73,100	56.8	411.6	37,700	66,300						205
210	47.0	397.2	46,100	70,600	55.1	408.1	36,000	64,100						210
215	44.9	392.2	44,300	68,100	53.3	404.4	34,400	61,900						215
220	42.8	386.9	42,600	65,800	51.4	400.4	32,900	59,900						220
225	40.6	381.1	40,900	63,300	49.5	396.1	31,500	58,000						225
230	38.2	374.8	39,300	61,000	47.5	391.6	30,100	56,100						230
235	35.8	368.0	37,700	58,700	45.5	386.7	28,800	54,300	53.5	396.1	20,100	47,600		235
240	33.1	360.5	36,300	56,400	43.4	381.5	27,500	52,600	51.6	392.2	19,000	46,100		240
245	30.3	352.1	34,800	54,100	41.2	375.8	26,300	51,000	49.7	388.0	17,900	44,600		245
250	27.2	342.7	33,400	51,800	38.9	369.7	25,100	49,500	47.8	383.5	16,900	43,200		250
260	19.6	318.6	30,800	47,200	33.9	355.7	22,900	46,500	43.7	373.4	15,100	40,500		260
270	4.8	268.8	28,100	41,800	28.1	338.4	20,800	43,700	39.2	361.8	13,300	38,000		270
280					20.8	315.5	18,800	41,200	34.2	347.9	11,700	35,700		280
290					8.6	275.1	16,800	38,200	28.5	331.0	10,100	33,500		290
300									21.4	308.6		31,500		300
310									10.0	270.9		29,500		310

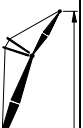
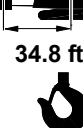
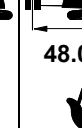
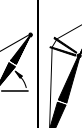
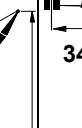
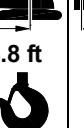
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



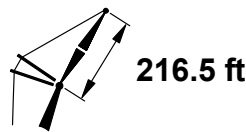
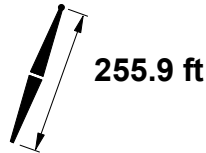
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
95	73.1	469.8	88,800	88,800									95
100	71.7	468.1	88,500	88,500									100
105	70.3	466.4	88,100	88,100									105
110	68.9	464.4	87,600	87,600	71.4	466.8	88,100	88,100					110
115	67.5	462.3	87,100	87,100	70.0	464.9	88,100	88,100					115
120	66.0	460.1	86,500	86,500	68.6	463.0	88,000	88,000					120
125	64.6	457.7	85,800	85,800	67.2	460.9	87,700	87,700					125
130	63.1	455.2	84,300	84,300	65.7	458.6	87,400	87,400					130
135	61.6	452.5	81,700	81,700	64.3	456.2	87,000	87,000	68.1	460.2	86,000	86,000	135
140	60.1	449.6	79,000	79,000	62.8	453.6	86,600	86,600	66.7	458.0	86,000	86,000	140
145	58.5	446.6	76,400	76,400	61.3	450.9	86,100	86,100	65.2	455.7	86,000	86,000	145
150	56.9	443.3	73,800	73,800	59.7	448.0	85,500	85,500	63.8	453.3	86,000	86,000	150
155	55.3	439.9	71,300	71,300	58.2	444.9	83,200	83,200	62.3	450.6	86,000	86,000	155
160	53.7	436.2	68,800	68,800	56.6	441.6	80,600	80,600	60.7	447.8	82,200	86,000	160
165	52.0	432.3	66,400	66,400	55.0	438.1	78,000	78,000	59.2	444.8	78,700	85,100	165
170	50.3	428.2	64,100	64,100	53.3	434.4	75,600	75,600	57.6	441.7	75,400	82,700	170
175	48.5	423.8	61,700	61,700	51.6	430.4	73,100	73,100	56.0	438.3	72,200	80,300	175
180	46.7	419.1	59,500	59,500	49.9	426.2	70,600	70,600	54.4	434.8	69,300	77,800	180
185	44.8	414.1	57,500	57,500	48.1	421.8	68,200	68,200	52.8	431.0	66,500	75,400	185
190	42.9	408.7	55,500	55,500	46.3	417.0	65,900	65,900	51.1	426.9	63,800	73,000	190
195	40.9	403.0	53,600	53,600	44.4	412.0	63,600	63,600	49.3	422.7	61,300	70,700	195
200	38.8	396.9	51,800	51,800	42.5	406.5	61,500	61,500	47.5	418.1	58,900	68,400	200
205	36.6	390.2	50,100	50,100	40.5	400.7	59,400	59,400	45.7	413.3	56,600	66,100	205
210	34.3	383.0	48,500	48,500	38.3	394.5	57,500	57,500	43.8	408.1	54,500	63,800	210
215	31.8	375.1	47,000	47,000	36.1	387.7	55,600	55,600	41.8	402.5	52,400	61,700	215
220	29.1	366.3	45,700	45,700	33.8	380.4	53,800	53,800	39.8	396.6	50,400	59,500	220
225	26.2	356.5	44,500	44,500	31.2	372.3	52,000	52,000	37.6	390.2	48,500	57,400	225
230	22.9	345.1	43,500	43,500	28.5	363.3	49,300	49,300	35.3	383.2	46,700	55,300	230
235	19.1	331.6	41,900	41,900	25.5	353.2	46,700	46,700	32.9	375.6	45,000	53,200	235
240	14.3	314.1	39,500	39,500	22.2	341.5	44,200	44,200	30.4	367.3	43,300	51,100	240
245	6.3	284.4	34,600	34,600	18.2	327.3	41,800	41,800	27.6	357.9	41,700	49,000	245
250					13.0	308.4	39,400	39,400	24.5	347.3	40,100	46,500	250
260									16.6	319.5	37,200	41,600	260
270													270
280													280
290													290
300													300
310													310
320													320
330													330

MLC300 VPC-MAX S-2

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386,000 lb



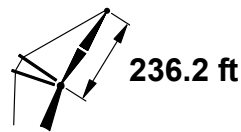
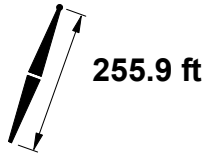
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	62.8	446.6	59,400	80,900									175
180	61.3	443.9	56,800	80,900									180
185	59.8	441.0	54,400	79,600									185
190	58.2	437.9	52,000	77,400									190
195	56.7	434.6	49,900	75,200									195
200	55.0	431.1	47,800	72,900									200
205	53.4	427.4	45,800	70,700									205
210	51.7	423.5	43,900	68,400	58.7	431.8	33,500	62,200					210
215	50.0	419.3	42,100	66,200	57.1	428.6	32,000	60,100					215
220	48.2	414.8	40,400	64,000	55.5	425.1	30,500	58,100					220
225	46.4	410.1	38,700	61,900	53.8	421.5	29,100	56,200					225
230	44.5	405.0	37,100	59,700	52.2	417.6	27,700	54,300					230
235	42.6	399.6	35,600	57,700	50.5	413.5	26,400	52,600					235
240	40.5	393.8	34,200	55,600	48.7	409.1	25,200	50,900					240
245	38.4	387.6	32,800	53,500	46.9	404.5	24,000	49,300					245
250	36.2	380.9	31,400	51,500	45.0	399.5	22,800	47,800	52.4	409.4	14,400	41,300	250
260	31.3	365.5	28,900	47,600	41.1	388.5	20,600	44,800	48.9	401.0	12,600	38,700	260
270	25.7	346.5	26,500	43,600	36.8	375.8	18,600	42,200	45.3	391.5	10,900	36,200	270
280	18.4	320.8	24,200	39,600	32.0	360.8	16,700	39,600	41.4	380.6		34,000	280
290	2.9	263.2	21,800	34,700	26.5	342.4	14,900	37,300	37.1	368.0		31,800	290
300					19.5	318.0	13,200	35,100	32.4	353.2		29,900	300
310					7.5	273.9	11,400	31,500	26.9	335.1		28,000	310
320									20.1	311.2		26,200	320
330									8.9	270.3		24,400	330

MLC300 VPC-MAX S-2

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386,000 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.3	488.9	78,800	78,800									100
105	72.0	487.2	78,600	78,600									105
110	70.8	485.5	78,300	78,300									110
115	69.5	483.6	78,000	78,000	71.8	485.9	78,100	78,100					115
120	68.2	481.6	77,500	77,500	70.5	484.1	78,100	78,100					120
125	66.8	479.5	77,100	77,100	69.2	482.2	78,000	78,000					125
130	65.5	477.2	76,500	76,500	67.9	480.1	77,800	77,800					130
135	64.2	474.8	76,000	76,000	66.6	478.0	77,600	77,600					135
140	62.8	472.2	74,300	74,300	65.2	475.7	77,300	77,300	68.7	479.4	75,800	75,800	140
145	61.4	469.5	72,100	72,100	63.9	473.2	77,000	77,000	67.4	477.3	75,800	75,800	145
150	60.0	466.6	70,000	70,000	62.5	470.6	76,600	76,600	66.1	475.1	75,800	75,800	150
155	58.6	463.5	67,800	67,800	61.1	467.8	76,300	76,300	64.8	472.8	75,800	75,800	155
160	57.1	460.3	65,600	65,600	59.7	464.9	75,800	75,800	63.4	470.2	75,800	75,800	160
165	55.7	456.9	63,500	63,500	58.3	461.8	74,000	74,000	62.0	467.6	75,800	75,800	165
170	54.2	453.3	61,400	61,400	56.8	458.6	71,900	71,900	60.6	464.8	74,400	75,800	170
175	52.7	449.5	59,400	59,400	55.4	455.1	69,800	69,800	59.2	461.8	71,300	75,800	175
180	51.1	445.5	57,400	57,400	53.9	451.5	67,600	67,600	57.8	458.7	68,400	75,500	180
185	49.5	441.2	55,400	55,400	52.3	447.6	65,600	65,600	56.3	455.3	65,600	73,300	185
190	47.9	436.7	53,600	53,600	50.8	443.6	63,500	63,500	54.9	451.8	63,000	71,300	190
195	46.2	431.9	51,800	51,800	49.2	439.3	61,400	61,400	53.3	448.1	60,500	69,200	195
200	44.5	426.9	50,100	50,100	47.5	434.7	59,500	59,500	51.8	444.2	58,100	67,100	200
205	42.7	421.5	48,400	48,400	45.8	429.9	57,600	57,600	50.2	440.0	55,800	65,100	205
210	40.9	415.8	46,800	46,800	44.1	424.7	55,800	55,800	48.6	435.7	53,700	63,000	210
215	38.9	409.6	45,400	45,400	42.3	419.3	54,000	54,000	47.0	431.0	51,600	61,000	215
220	36.9	403.1	44,000	44,000	40.4	413.5	52,200	52,200	45.3	426.1	49,700	59,100	220
225	34.8	396.0	42,600	42,600	38.5	407.3	50,600	50,600	43.5	420.8	47,800	57,100	225
230	32.6	388.3	41,400	41,400	36.5	400.6	49,000	49,000	41.7	415.3	46,000	55,200	230
235	30.2	379.9	40,300	40,300	34.4	393.4	47,600	47,600	39.8	409.3	44,300	53,300	235
240	27.7	370.6	39,200	39,200	32.1	385.5	45,500	45,500	37.8	403.0	42,700	51,400	240
245	24.9	360.1	38,300	38,300	29.7	376.9	43,100	43,100	35.8	396.1	41,100	49,200	245
250	21.7	348.1	36,300	36,300	27.1	367.4	40,700	40,700	33.6	388.7	39,600	47,000	250
260	13.3	315.0	32,100	32,100	21.0	344.2	36,300	36,300	28.8	371.8	36,700	42,900	260
270					12.1	308.9	32,000	32,000	23.2	350.6	34,000	38,300	270
280									15.6	321.0	31,400	33,900	280
290													290
300													300
310													310
320													320
330													330
340													340
350													350

MLC300 VPC-MAX S-2

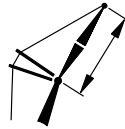
ASME B30.5



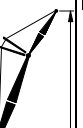
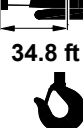
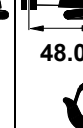
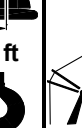
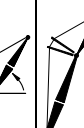
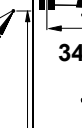
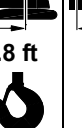
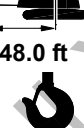
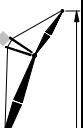
386,000 lb



255.9 ft



236.2 ft

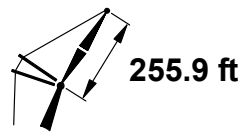
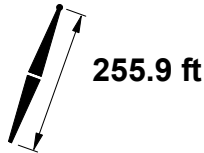
	75°				70°				65°			
												
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180	63.9	466.2	55,700	70,400								180
185	62.6	463.6	53,300	70,400								185
190	61.2	460.8	51,000	70,400								190
195	59.8	457.9	48,800	70,400								195
200	58.3	454.8	46,700	70,400								200
205	56.9	451.6	44,800	68,600								205
210	55.4	448.1	42,900	66,700								210
215	53.9	444.5	41,100	64,800								215
220	52.4	440.7	39,400	62,800	58.7	448.8	29,300	57,200				220
225	50.8	436.6	37,800	60,900	57.3	445.6	27,900	55,300				225
230	49.2	432.3	36,200	59,000	55.8	442.2	26,600	53,500				230
235	47.6	427.8	34,700	57,100	54.3	438.6	25,300	51,800				235
240	45.9	422.9	33,300	55,200	52.8	434.8	24,100	50,100				240
245	44.2	417.8	31,900	53,400	51.3	430.8	22,900	48,500				245
250	42.4	412.4	30,600	51,500	49.7	426.6	21,800	47,000				250
260	38.6	400.4	28,100	47,900	46.4	417.4	19,600	44,100	53.0	426.6	37,800	260
270	34.4	386.5	25,800	44,400	42.9	407.0	17,600	41,500	49.9	418.4	35,400	270
280	29.8	370.2	23,600	41,100	39.1	395.2	15,800	39,000	46.6	409.3	33,200	280
290	24.3	350.0	21,500	37,600	35.0	381.6	14,100	36,700	43.1	399.0	31,100	290
300	17.3	322.7	19,600	34,100	30.5	365.7	12,400	34,500	39.4	387.3	29,100	300
310					25.1	346.1	10,900	32,500	35.3	373.9	27,300	310
320					18.4	320.2		30,500	30.8	358.1	25,600	320
330					6.4	272.0		26,600	25.5	338.9	24,000	330
340									18.9	313.5	22,400	340
350									7.9	269.3	20,800	350

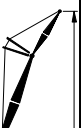
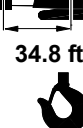
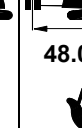
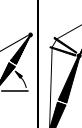
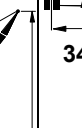
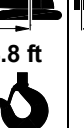
MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.5	507.9	68,900	68,900									105
110	72.3	506.3	68,700	68,700									110
115	71.1	504.6	68,500	68,500									115
120	69.9	502.8	68,000	68,000									120
125	68.7	500.8	67,700	67,700	70.9	503.2	67,900	67,900					125
130	67.5	498.8	67,300	67,300	69.7	501.4	67,800	67,800					130
135	66.3	496.6	66,900	66,900	68.5	499.4	67,700	67,700					135
140	65.0	494.2	66,500	66,500	67.2	497.3	67,500	67,500					140
145	63.8	491.8	66,100	66,100	66.0	495.1	67,300	67,300					145
150	62.5	489.2	65,400	65,400	64.8	492.7	67,000	67,000	68.1	496.6	65,800	65,800	150
155	61.3	486.4	63,600	63,600	63.5	490.2	66,700	66,700	66.8	494.4	65,800	65,800	155
160	60.0	483.5	61,800	61,800	62.3	487.6	66,400	66,400	65.6	492.2	65,800	65,800	160
165	58.7	480.5	60,000	60,000	61.0	484.8	66,100	66,100	64.4	489.8	65,800	65,800	165
170	57.3	477.3	58,200	58,200	59.7	481.9	65,800	65,800	63.1	487.2	65,800	65,800	170
175	56.0	473.9	56,400	56,400	58.4	478.8	65,400	65,400	61.8	484.6	65,800	65,800	175
180	54.6	470.4	54,700	54,700	57.0	475.6	63,900	63,900	60.6	481.7	65,800	65,800	180
185	53.2	466.6	53,000	53,000	55.7	472.2	62,100	62,100	59.2	478.8	64,000	65,800	185
190	51.8	462.7	51,300	51,300	54.3	468.6	60,400	60,400	57.9	475.6	61,400	65,600	190
195	50.3	458.6	49,700	49,700	52.9	464.8	58,400	58,400	56.6	472.3	58,900	65,500	195
200	48.9	454.2	48,100	48,100	51.5	460.8	55,400	55,400	55.2	468.9	56,500	63,800	200
205	47.3	449.6	46,600	46,600	50.0	456.7	52,500	52,500	53.8	465.2	54,300	61,400	205
210	45.8	444.8	44,200	44,200	48.5	452.3	49,700	49,700	52.4	461.4	52,100	58,400	210
215	44.2	439.7	41,500	41,500	47.0	447.6	47,000	47,000	51.0	457.4	50,100	55,400	215
220	42.5	434.3	39,000	39,000	45.4	442.7	44,300	44,300	49.5	453.1	48,200	52,500	220
225	40.8	428.5	36,600	36,600	43.8	437.5	41,600	41,600	48.0	448.6	46,300	49,700	225
230	39.0	422.4	34,200	34,200	42.2	432.0	39,100	39,100	46.5	443.9	44,500	46,900	230
235	37.2	415.9	31,800	31,800	40.4	426.2	36,600	36,600	44.9	438.9	42,800	44,100	235
240	35.3	408.9	29,600	29,600	38.7	420.0	34,200	34,200	43.3	433.6	41,200	41,500	240
245	33.3	401.4	27,400	27,400	36.8	413.4	31,800	31,800	41.6	428.0	38,900	38,900	245
250	31.1	393.3	25,300	25,300	34.9	406.3	29,500	29,500	39.8	422.1	36,400	36,400	250
260	26.4	374.5	21,100	21,100	30.6	390.4	25,200	25,200	36.2	409.0	31,600	31,600	260
270	20.6	350.8	17,000	17,000	25.8	371.3	21,000	21,000	32.1	393.9	27,100	27,100	270
280	12.4	315.6	12,900	12,900	19.9	346.8	16,900	16,900	27.5	376.0	22,900	22,900	280
290					11.2	309.2	12,800	12,800	22.0	353.6	18,700	18,700	290
300									14.7	322.3	14,600	14,600	300
310													310
320													320
330													330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-2

ASME B30.5



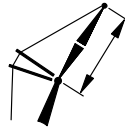
386,000 lb



360°



255.9 ft



255.9 ft

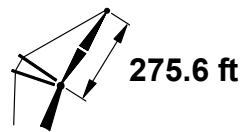
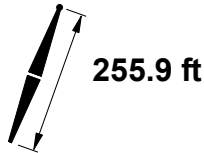
	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185												185
190	63.6	483.2	49,100	60,700								190
195	62.3	480.6	47,000	60,700								195
200	61.0	477.8	44,900	60,700								200
205	59.7	474.9	43,000	60,700								205
210	58.4	471.8	41,100	60,700								210
215	57.1	468.6	39,400	60,700								215
220	55.7	465.2	37,700	59,500								220
225	54.4	461.6	36,100	57,800								225
230	53.0	457.8	34,500	56,200	58.8	465.7	24,700	52,100				230
235	51.5	453.9	33,000	54,500	57.5	462.5	23,400	50,400				235
240	50.1	449.7	31,600	52,900	56.1	459.2	22,200	48,800				240
245	48.6	445.3	30,300	51,300	54.7	455.7	21,100	47,200				245
250	47.1	440.7	29,000	48,900	53.3	451.9	20,000	45,700				250
260	43.9	430.6	26,500	43,400	50.5	443.9	17,900	42,800				260
270	40.5	419.3	24,200	38,200	47.5	435.0	15,900	40,200	53.5	443.7	34,000	270
280	36.9	406.6	22,100	33,300	44.3	425.1	14,100	37,700	50.7	435.7	31,800	280
290	32.9	391.9	20,100	28,700	41.0	414.0	12,400	35,500	47.7	426.9	29,700	290
300	28.4	374.6	18,200	24,400	37.4	401.5	10,800	33,300	44.5	417.1	27,800	300
310	23.2	353.3	16,400	20,200	33.5	387.1		29,900	41.2	406.1	26,000	310
320	16.3	324.4	14,700	16,100	29.1	370.2		25,600	37.6	393.6	24,300	320
330					23.9	349.6		21,400	33.7	379.4	22,700	330
340					17.4	322.2		17,400	29.4	362.7	21,200	340
350					5.4	269.5		13,400	24.3	342.4	19,800	350
360									17.9	315.6	18,300	360
370									7.0	267.7	14,300	370

MLC300 VPC-MAX S-2

ASME B30.5



386,000 lb



	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.6	527.0	60,200	60,200									110
115	72.5	525.4	60,000	60,000									115
120	71.4	523.7	59,700	59,700									120
125	70.3	521.9	59,400	59,400									125
130	69.2	520.0	59,100	59,100	71.2	522.3	59,200	59,200					130
135	68.1	518.0	58,800	58,800	70.1	520.5	59,000	59,000					135
140	66.9	515.9	58,400	58,400	69.0	518.6	58,800	58,800					140
145	65.8	513.6	58,000	58,000	67.8	516.5	58,700	58,700					145
150	64.7	511.3	57,600	57,600	66.7	514.4	58,400	58,400					150
155	63.5	508.8	57,200	57,200	65.6	512.1	58,200	58,200	68.6	515.8	57,000	57,000	155
160	62.3	506.1	56,800	56,800	64.4	509.7	57,900	57,900	67.5	513.7	57,000	57,000	160
165	61.1	503.4	56,100	56,100	63.2	507.2	57,600	57,600	66.3	511.5	57,000	57,000	165
170	59.9	500.5	54,600	54,600	62.1	504.5	57,300	57,300	65.2	509.2	57,000	57,000	170
175	58.7	497.4	53,100	53,100	60.9	501.8	57,000	57,000	64.0	506.8	56,900	56,900	175
180	57.5	494.3	51,600	51,600	59.7	498.8	56,700	56,700	62.8	504.2	56,800	56,800	180
185	56.2	490.9	50,200	50,200	58.5	495.8	56,400	56,400	61.7	501.5	56,700	56,700	185
190	55.0	487.4	48,700	48,700	57.2	492.6	56,000	56,000	60.5	498.7	56,600	56,600	190
195	53.7	483.8	47,300	47,300	56.0	489.2	55,300	55,300	59.3	495.7	56,400	56,400	195
200	52.4	479.9	45,900	45,900	54.7	485.6	53,900	53,900	58.0	492.6	55,600	56,300	200
205	51.0	475.9	44,500	44,500	53.4	481.9	52,400	52,400	56.8	489.3	53,300	56,100	205
210	49.7	471.6	43,100	43,100	52.1	478.1	51,000	51,000	55.5	485.9	51,200	55,900	210
215	48.3	467.2	41,700	41,700	50.7	474.0	49,600	49,600	54.3	482.3	49,200	55,600	215
220	46.9	462.5	40,200	40,200	49.4	469.7	48,200	48,200	53.0	478.6	47,300	55,200	220
225	45.4	457.6	38,700	38,700	48.0	465.2	46,000	46,000	51.6	474.6	45,400	53,600	225
230	43.9	452.5	37,300	37,300	46.5	460.5	43,500	43,500	50.3	470.5	43,600	51,000	230
235	42.4	447.0	36,000	36,000	45.1	455.5	41,200	41,200	48.9	466.1	42,000	48,400	235
240	40.8	441.3	34,600	34,600	43.6	450.3	38,900	38,900	47.5	461.6	40,300	45,900	240
245	39.1	435.2	32,400	32,400	42.0	444.8	36,600	36,600	46.1	456.8	38,800	43,400	245
250	37.4	428.7	30,300	30,300	40.4	439.0	34,500	34,500	44.6	451.7	37,300	41,000	250
260	33.8	414.4	26,200	26,200	37.1	426.3	30,300	30,300	41.5	440.8	34,500	36,400	260
270	29.8	397.9	22,300	22,300	33.4	411.8	26,200	26,200	38.2	428.5	31,900	32,200	270
280	25.2	378.3	18,300	18,300	29.4	395.0	22,200	22,200	34.7	414.7	28,100	28,100	280
290	19.6	353.3	14,400	14,400	24.7	374.9	18,300	18,300	30.8	398.8	24,000	24,000	290
300	11.6	316.0	10,600	10,600	18.9	349.1	14,400	14,400	26.3	379.9	20,100	20,100	300
310					10.4	309.2	10,500	10,500	21.0	356.4	16,100	16,100	310
320									13.8	323.4	12,200	12,200	320
330													330
340													340
350													350
360													360
370													370
380													380
390													390

MLC300 VPC-MAX S-2

ASME B30.5



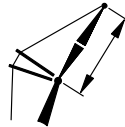
386,000 lb



360°



255.9 ft



275.6 ft

	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	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	43,700	52,400								200
205	62.1	497.5	41,800	52,400								205
210	60.9	494.7	40,000	52,400								210
215	59.7	491.8	38,200	52,400								215
220	58.5	488.8	36,600	52,400								220
225	57.3	485.6	35,000	52,400								225
230	56.0	482.2	33,400	52,400								230
235	54.7	478.7	32,000	52,400								235
240	53.4	475.0	30,600	51,400	58.8	482.7	21,000	47,400				240
245	52.1	471.1	29,200	49,900	57.6	479.5	19,900	46,300				245
250	50.8	467.0	27,900	48,500	56.4	476.2	18,800	44,800				250
260	48.0	458.3	25,500	45,600	53.8	469.1	16,700	42,000				260
270	45.1	448.6	23,300	42,600	51.2	461.2	14,800	39,400				270
280	42.1	437.9	21,200	37,900	48.4	452.6	13,000	36,900	54.0	460.8	30,900	280
290	38.9	425.9	19,200	33,600	45.5	443.1	11,300	34,700	51.3	453.0	28,800	290
300	35.4	412.4	17,400	29,400	42.5	432.5		32,600	48.6	444.4	27,000	300
310	31.5	396.9	15,600	25,400	39.3	420.7		30,600	45.7	435.0	25,200	310
320	27.2	378.7	14,000	21,500	35.9	407.4		28,800	42.7	424.5	23,500	320
330	22.1	356.3	12,400	17,600	32.1	392.3		26,500	39.5	412.8	22,000	330
340	15.4	325.9	10,900	13,700	27.8	374.5		22,600	36.1	399.6	20,500	340
350					22.9	352.8		18,800	32.3	384.6	19,100	350
360					16.5	323.9		14,900	28.1	367.0	17,800	360
370					4.2	265.9		11,100	23.2	345.7	16,500	370
380									17.0	317.5	15,300	380
390									6.0	265.7	12,000	390