

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ11:500-501 on
 Boom No. B65:505-500
 with Mast No. M11:503
 474,100 lb VPC (Variable Position Counterweight)
 360 Degree Rating

MLC300 VPC-MAX SERIES 3



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

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

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

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

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. Refer to Luffing Jib Rigging **No. 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**.



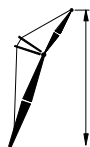
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



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 474,100 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



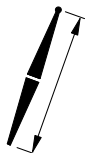
Luffing Jib No. LJ11:500-501
+
Boom No. B65:505-500



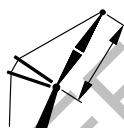
VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

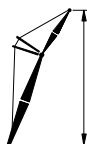
Explanation of Symbols (continued)



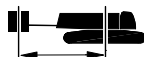
Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



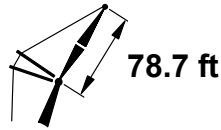
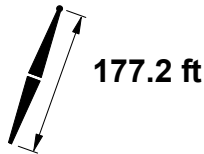
Lifting Capacities
(see page 1)

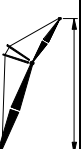
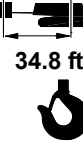
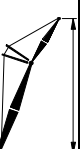
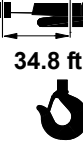
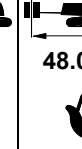
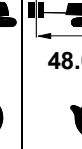
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



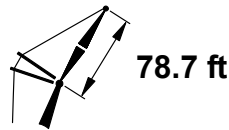
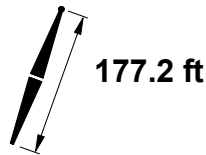
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ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50	71.7	258.8	324,700 d	324,700 d									50
55	67.8	256.8	297,900 c	297,900 c									55
60	63.7	254.3	265,800 b	265,800 b	68.7	256.6	315,800 c	315,800 c					60
65	59.5	251.4	240,400 b	240,400 b	64.7	254.2	300,100 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	318,000 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	302,900 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	283,300 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	263,100	272,600	85
90	33.3	225.8	167,000	167,000	41.1	233.9	192,500	192,500	50.8	242.0	245,400	247,800	90
95	25.3	216.1	159,300	159,300	34.9	227.0	180,800	180,800	45.8	237.2	227,800	227,800	95
100	12.9	199.7	147,800	147,800	27.4	218.0	171,200	171,200	40.2	231.4	211,300	211,300	100
105					16.8	204.3	163,200	163,200	33.9	224.3	197,600	197,600	105
110									26.1	214.8	186,400	186,400	110
115									14.4	199.6	164,400	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-3

ASME B30.5



474,100 lb



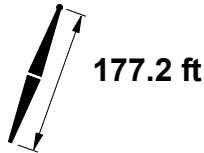
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ft													ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.0	246.0	220,200 b	281,300 b									95
100	55.6	242.6	207,000	264,600									100
105	51.0	238.6	195,200	249,700									105
110	45.9	233.8	184,500	236,300									110
115	40.4	228.1	174,900	224,200	55.5	237.6	167,300	216,600					115
120	34.1	221.0	166,100	206,900	50.8	233.6	159,000	206,000					120
125	26.4	211.7	158,000	190,500	45.7	228.8	151,300	196,200					125
130	15.0	196.9	150,400	175,700	40.2	223.0	144,300	187,300					130
135					33.8	215.8	137,800	179,100	50.1	226.8	131,700	173,000	135
140					26.1	206.4	131,700	171,400	45.0	221.9	126,000	165,700	140
145					14.4	191.2	125,900	164,100	39.4	216.0	120,700	158,900	145
150									32.9	208.6	115,700	152,500	150
155									24.8	198.7	111,000	146,600	155
160									11.8	181.6	106,500	140,800	160

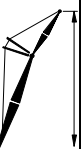
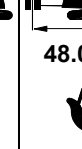
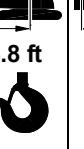
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



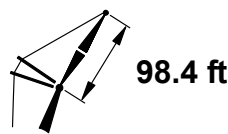
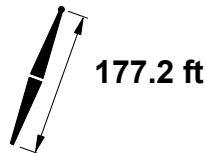
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
55	72.4	277.9	257,000 c	257,000 c									55
60	69.3	276.0	253,300 b	253,300 b									60
65	66.1	273.8	246,200 b	246,200 b	70.1	275.8	255,100 b	255,100 b					65
70	62.9	271.3	223,600	223,600	66.9	273.7	252,100 b	252,100 b					70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

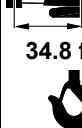
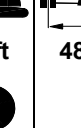
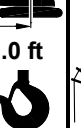
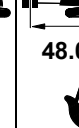
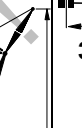
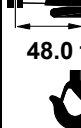
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	 75°				 70°				 65°						
 ft	 °	 ft	 lb	 lb	 ft	 °	 ft	 lb	 lb	 ft	 °	 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	205,800	242,000											100
105	59.9	263.0	194,000	230,600											105
110	56.4	259.6	183,400	219,500											110
115	52.8	255.9	173,900	209,000											115
120	48.9	251.6	165,200	199,100											120
125	44.8	246.6	157,300	189,800	56.3	254.7	150,100	195,000							125
130	40.4	240.8	150,000	180,100	52.6	250.9	143,100	186,200							130
135	35.5	234.0	143,200	167,600	48.8	246.5	136,700	178,000							135
140	29.8	225.7	137,000	156,400	44.7	241.5	130,800	170,500							140
145	22.9	214.8	131,200	146,300	40.2	235.7	125,300	163,500	52.1	244.2	119,400	157,600			145
150	12.2	197.3	125,600	136,900	35.3	228.9	120,200	157,000	48.3	239.8	114,600	151,400			150
155					29.6	220.5	115,400	150,900	44.1	234.7	110,000	145,600			155
160					22.6	209.5	110,900	145,200	39.6	228.8	105,800	140,100			160
165					11.6	191.4	106,500	137,000	34.6	221.7	101,800	135,000			165
170									28.8	213.1	98,000	130,200			170
175									21.4	201.6	94,400	125,600			175
180									9.1	180.9	90,900	121,200			180

MLC300 VPC-MAX S-3

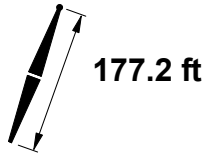
ASME B30.5



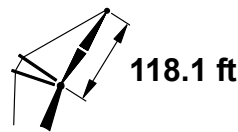
474,100 lb



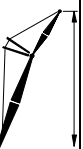
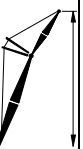
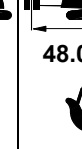
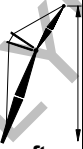
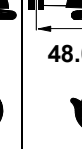
360°



177.2 ft



118.1 ft

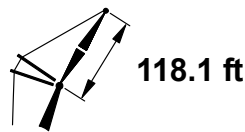
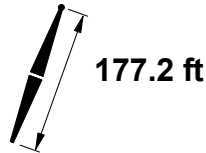
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
60	72.9	297.0	260,400 b	260,400 b									60
65	70.3	295.2	249,700	249,700									65
70	67.7	293.2	227,800	227,800	71.0	295.0	256,200	256,200					70
75	65.0	290.9	207,800	207,800	68.4	293.0	245,900	245,900					75
80	62.3	288.2	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	249,300	249,300	85
90	56.6	282.0	165,600	165,600	60.2	285.3	201,100	201,100	65.3	288.9	239,700	239,700	90
95	53.6	278.3	155,400	155,400	57.3	282.1	186,200	186,200	62.5	286.3	226,500	230,300	95
100	50.4	274.2	146,600	146,600	54.3	278.5	173,600	173,600	59.7	283.3	212,800	221,200	100
105	47.2	269.6	138,800	138,800	51.2	274.5	162,800	162,800	56.8	280.1	200,600	209,600	105
110	43.7	264.5	132,000	132,000	48.0	270.1	153,500	153,500	53.8	276.4	189,600	193,300	110
115	39.9	258.6	126,000	126,000	44.5	265.0	145,300	145,300	50.7	272.4	179,200	179,200	115
120	35.8	251.8	120,900	120,900	40.8	259.3	138,200	138,200	47.4	267.8	166,700	166,700	120
125	31.3	243.9	116,400	116,400	36.9	252.8	132,000	132,000	44.0	262.7	155,600	155,600	125
130	26.0	234.2	112,800	112,800	32.4	245.2	126,700	126,700	40.3	256.9	145,800	145,800	130
135	19.3	221.4	108,200	108,200	27.4	236.0	122,200	122,200	36.2	250.2	136,900	136,900	135
140	7.8	198.2	87,400	87,400	21.1	224.1	115,400	115,400	31.7	242.4	128,800	128,800	140
145					11.8	205.6	96,500	96,500	26.5	232.9	121,500	121,500	145
150									20.0	220.5	114,600	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-3

ASME B30.5



474,100 lb



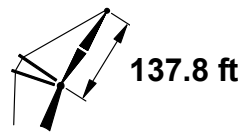
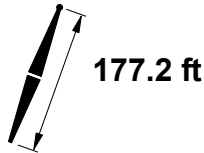
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.6	282.8	180,700	232,500									110
115	59.8	279.9	171,200	220,500									115
120	57.0	276.7	162,600	209,600									120
125	54.0	273.0	154,700	194,200									125
130	50.8	269.0	147,500	179,900									130
135	47.6	264.5	140,800	167,400	56.8	271.7	133,900	175,200					135
140	44.1	259.4	134,700	156,300	53.8	268.0	128,100	167,700					140
145	40.4	253.6	129,000	146,400	50.7	264.0	122,600	160,800					145
150	36.4	247.0	123,700	137,500	47.4	259.4	117,600	154,400					150
155	31.9	239.2	118,800	129,400	44.0	254.3	112,900	148,500	53.4	261.4	107,100	142,700	155
160	26.7	229.7	114,100	122,100	40.2	248.5	108,500	142,900	50.3	257.3	103,000	137,300	160
165	20.3	217.4	109,700	115,200	36.2	241.8	104,400	137,500	47.0	252.6	99,100	132,300	165
170	10.1	197.1	105,500	107,300	31.7	234.0	100,500	129,500	43.5	247.4	95,400	127,600	170
175					26.5	224.5	96,900	122,100	39.7	241.5	91,900	123,100	175
180					20.0	212.0	93,400	115,300	35.6	234.7	88,700	118,900	180
185					9.4	190.9	90,000	108,700	31.1	226.7	85,600	115,000	185
190									25.7	216.9	82,600	111,200	190
195									18.9	203.8	79,800	107,600	195
200									6.7	179.1	76,800	104,000	200

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



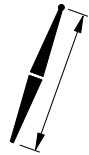
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.3	316.1	222,700	222,700									65
70	71.1	314.4	209,200	209,200									70
75	68.8	312.4	196,500	196,500	71.6	314.1	213,100	213,100					75
80	66.6	310.3	184,400	184,400	69.4	312.2	200,400	200,400					80
85	64.3	307.9	173,300	173,300	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-3

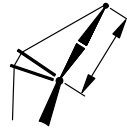
ASME B30.5



474,100 lb



177.2 ft



137.8 ft

	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.2	299.8	161,300	166,200									120
125	59.8	296.9	153,500	157,000									125
130	57.3	293.7	146,300	148,300									130
135	54.8	290.1	139,700	140,200									135
140	52.2	286.3	132,600	132,600									140
145	49.4	282.0	125,500	125,500	57.2	288.7	121,300	147,500					145
150	46.6	277.3	118,900	118,900	54.7	285.1	116,400	139,800					150
155	43.6	272.1	112,700	112,700	52.0	281.3	111,700	132,500					155
160	40.4	266.3	107,100	107,100	49.3	277.0	107,400	125,600					160
165	37.0	259.8	101,700	101,700	46.5	272.3	103,300	119,100					165
170	33.3	252.4	96,800	96,800	43.5	267.1	99,500	113,100	51.7	274.6	93,900	126,300	170
175	29.1	243.7	92,200	92,200	40.3	261.2	95,900	107,500	48.9	270.3	90,500	121,900	175
180	24.3	233.2	87,900	87,900	36.8	254.7	92,500	102,200	46.1	265.5	87,200	117,700	180
185	18.2	219.5	84,000	84,000	33.1	247.2	89,300	97,300	43.0	260.2	84,100	112,500	185
190	8.2	196.1	80,500	80,500	28.9	238.5	86,200	92,700	39.8	254.3	81,200	107,000	190
195					24.1	227.9	83,300	88,400	36.4	247.6	78,400	101,900	195
200					17.9	214.1	80,500	84,500	32.6	240.0	75,800	97,100	200
205					7.5	189.6	77,800	81,100	28.3	231.1	73,200	92,500	205
210									23.3	220.2	70,800	88,400	210
215									16.9	205.7	68,400	84,600	215
220									4.1	175.3	65,800	81,200	220

MLC300 VPC-MAX S-3

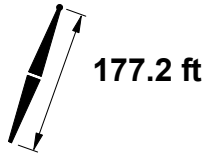
ASME B30.5



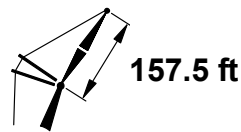
474,100 lb



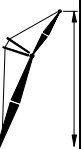
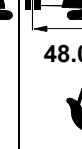
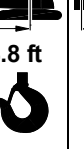
360°



177.2 ft



157.5 ft

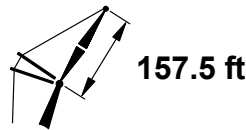
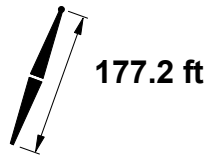
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	73.5	335.2	202,000	202,000									70
75	71.6	333.5	199,500	199,500									75
80	69.7	331.6	196,900	196,900									80
85	67.7	329.6	185,400	185,400	70.1	331.4	198,600	198,600					85
90	65.7	327.3	171,300	171,300	68.2	329.4	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	183,900	183,900	67.9	327.6	195,600	195,600	100
105	59.5	319.2	140,300	140,300	62.1	322.1	173,200	173,200	65.9	325.3	194,000	194,000	105
110	57.3	316.0	132,500	132,500	60.0	319.2	161,300	161,300	63.8	322.9	185,900	188,100	110
115	55.1	312.5	125,600	125,600	57.9	316.1	151,100	151,100	61.8	320.2	176,100	178,200	115
120	52.8	308.7	119,500	119,500	55.6	312.7	142,300	142,300	59.7	317.2	165,600	165,600	120
125	50.5	304.6	114,000	114,000	53.4	309.0	134,600	134,600	57.5	314.1	154,400	154,400	125
130	48.0	300.2	109,100	109,100	51.1	304.9	127,900	127,900	55.3	310.6	144,500	144,500	130
135	45.5	295.3	104,700	104,700	48.6	300.6	121,200	121,200	53.0	306.9	135,600	135,600	135
140	42.8	290.0	100,700	100,700	46.1	295.8	114,500	114,500	50.7	302.8	127,600	127,600	140
145	40.0	284.1	97,100	97,100	43.5	290.6	108,400	108,400	48.3	298.4	120,300	120,300	145
150	37.0	277.6	93,900	93,900	40.7	284.8	102,700	102,700	45.7	293.5	113,700	113,700	150
155	33.8	270.3	91,100	91,100	37.8	278.5	97,500	97,500	43.1	288.2	107,600	107,600	155
160	30.3	262.0	87,000	87,000	34.6	271.4	92,600	92,600	40.3	282.4	102,000	102,000	160
165	26.3	252.3	82,800	82,800	31.2	263.3	88,100	88,100	37.3	276.0	96,900	96,900	165
170	21.7	240.5	78,900	78,900	27.3	254.0	83,900	83,900	34.1	268.7	92,100	92,100	170
175	15.7	224.8	69,000	69,000	22.9	242.8	79,900	79,900	30.6	260.5	87,600	87,600	175
180	3.2	190.9	55,000	55,000	17.3	228.4	74,200	74,200	26.7	251.0	83,400	83,400	180
185					8.4	204.5	61,600	61,600	22.1	239.4	79,500	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-3

ASME B30.5



474,100 lb



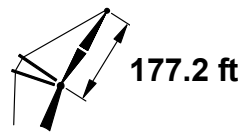
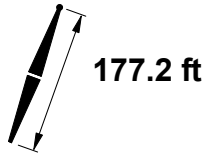
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.9	319.4	150,600	187,700									125
130	61.9	316.7	143,500	178,800									130
135	59.7	313.8	136,900	166,200									135
140	57.6	310.6	130,900	155,000									140
145	55.4	307.2	125,200	145,000									145
150	53.1	303.5	120,000	136,100									150
155	50.8	299.4	115,200	128,100	57.5	305.7	108,800	144,300					155
160	48.3	295.0	110,600	120,800	55.3	302.2	104,500	138,800					160
165	45.8	290.2	106,400	114,100	53.0	298.5	100,500	133,700					165
170	43.2	284.9	102,400	108,000	50.7	294.4	96,700	128,000					170
175	40.4	279.1	98,700	102,500	48.3	290.0	93,100	120,700					175
180	37.4	272.7	95,100	97,300	45.7	285.1	89,800	114,100	52.7	291.8	83,200	114,800	180
185	34.2	265.5	91,800	92,500	43.1	279.8	86,600	108,000	50.4	287.7	80,200	110,900	185
190	30.8	257.3	88,000	88,000	40.3	274.0	83,600	102,500	47.9	283.2	77,300	107,200	190
195	26.8	247.8	83,800	83,800	37.3	267.5	80,800	97,300	45.4	278.3	74,600	103,800	195
200	22.3	236.3	79,900	79,900	34.1	260.3	78,000	92,500	42.7	272.9	72,000	100,500	200
205	16.5	221.3	76,100	76,100	30.6	252.1	75,300	88,100	39.9	267.0	69,500	97,400	205
210	6.5	194.2	69,500	69,500	26.7	242.5	72,800	83,900	36.9	260.5	67,100	94,400	210
215					22.1	231.0	70,300	80,000	33.7	253.2	64,900	91,600	215
220					16.3	215.7	68,000	76,200	30.1	244.8	62,700	87,700	220
225					5.7	187.3	65,500	72,400	26.1	235.0	60,600	83,600	225
230									21.4	223.1	58,600	79,700	230
235									15.3	207.1	56,600	76,000	235

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



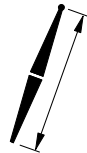
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75	73.7	354.2	170,600	170,600									75
80	72.0	352.6	159,900	159,900									80
85	70.3	350.8	149,900	149,900									85
90	68.6	348.8	140,500	140,500	70.7	350.5	152,700	152,700					90
95	66.8	346.7	131,700	131,700	69.0	348.6	143,200	143,200					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-3

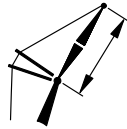
ASME B30.5



474,100 lb



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	117,600	117,600									135
140	61.6	333.7	110,700	110,700									140
145	59.7	330.8	104,300	104,300									145
150	57.8	327.6	98,300	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	97,800	97,800					165
170	49.7	312.5	77,700	77,700	55.8	319.2	92,200	92,200					170
175	47.5	307.9	73,300	73,300	53.8	315.6	87,100	87,100					175
180	45.2	303.0	69,200	69,200	51.7	311.7	82,200	82,200					180
185	42.9	297.6	65,500	65,500	49.6	307.4	77,700	77,700					185
190	40.4	291.8	61,800	61,800	47.4	302.9	73,400	73,400	53.5	309.0	75,500	86,100	190
195	37.8	285.5	58,400	58,400	45.1	297.9	69,400	69,400	51.4	305.0	72,800	81,500	195
200	35.0	278.4	55,300	55,300	42.8	292.6	65,600	65,600	49.3	300.7	70,300	77,100	200
205	32.0	270.6	52,300	52,300	40.3	286.7	62,000	62,000	47.1	296.1	67,800	72,900	205
210	28.7	261.7	49,400	49,400	37.7	280.4	58,600	58,600	44.8	291.1	65,500	68,900	210
215	25.0	251.5	46,700	46,700	34.9	273.3	55,400	55,400	42.4	285.7	63,300	65,200	215
220	20.6	239.0	44,200	44,200	31.9	265.4	52,400	52,400	39.9	279.8	61,200	61,700	220
225	15.1	222.6	41,800	41,800	28.6	256.5	49,600	49,600	37.3	273.3	58,300	58,300	225
230	4.8	191.1	39,600	39,600	24.8	246.2	46,900	46,900	34.5	266.2	55,200	55,200	230
235					20.5	233.6	44,400	44,400	31.4	258.2	52,200	52,200	235
240					14.8	217.0	42,000	42,000	28.1	249.1	49,500	49,500	240
245					3.7	183.0	39,900	39,900	24.3	238.5	46,900	46,900	245
250									19.8	225.6	44,400	44,400	250

MLC300 VPC-MAX S-3

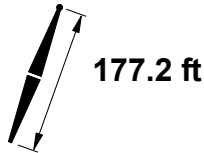
ASME B30.5



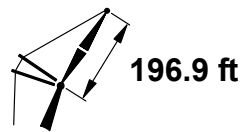
474,100 lb



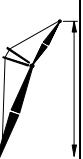
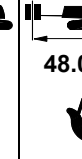
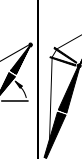
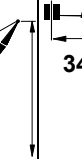
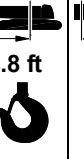
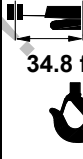
360°



177.2 ft



196.9 ft

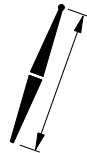
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
80	73.9	373.3	158,900	158,900									80
85	72.3	371.7	157,300	157,300									85
90	70.8	369.9	155,600	155,600									90
95	69.3	368.0	153,900	153,900	71.2	369.6	156,600	156,600					95
100	67.7	366.0	152,100	152,100	69.6	367.8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

MLC300 VPC-MAX S-3

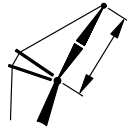
ASME B30.5



474,100 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	121,000	141,600									145
150	61.4	350.6	115,800	132,700									150
155	59.7	347.7	111,000	124,600									155
160	58.0	344.6	106,500	117,300									160
165	56.2	341.3	102,400	110,600									165
170	54.4	337.7	98,400	104,500									170
175	52.6	333.9	94,700	98,900	57.9	339.6	87,500	117,100					175
180	50.7	329.8	91,200	93,800	56.2	336.3	84,100	110,500					180
185	48.8	325.5	88,000	89,000	54.4	332.7	81,000	104,400					185
190	46.8	320.8	84,600	84,600	52.5	328.9	78,000	98,900					190
195	44.8	315.8	80,500	80,500	50.7	324.8	75,100	93,700					195
200	42.6	310.4	76,700	76,700	48.7	320.4	72,400	89,000					200
205	40.4	304.6	73,100	73,100	46.7	315.8	69,800	84,600	52.3	322.2	63,500	93,000	205
210	38.0	298.3	69,700	69,700	44.7	310.7	67,400	80,500	50.4	318.1	61,200	90,100	210
215	35.6	291.4	66,600	66,600	42.5	305.3	65,100	76,700	48.5	313.7	59,000	87,300	215
220	32.9	283.8	63,600	63,600	40.3	299.5	62,800	73,100	46.5	309.0	57,000	84,200	220
225	30.1	275.4	60,700	60,700	37.9	293.2	60,700	69,800	44.4	303.9	55,000	80,100	225
230	26.9	265.8	58,100	58,100	35.5	286.2	58,600	66,600	42.2	298.4	53,100	76,300	230
235	23.4	254.8	55,500	55,500	32.8	278.6	56,700	63,600	40.0	292.5	51,200	72,800	235
240	19.2	241.4	53,000	53,000	30.0	270.2	54,800	60,800	37.6	286.1	49,500	69,500	240
245	13.9	223.7	50,600	50,600	26.8	260.6	52,900	58,100	35.1	279.1	47,800	66,400	245
250	2.5	184.9	44,800	44,800	23.3	249.5	51,200	55,600	32.4	271.4	46,100	63,400	250
260					13.6	218.0	47,800	50,700	26.4	253.1	43,100	58,000	260
270									18.4	227.8	40,100	53,000	270

MLC300 VPC-MAX S-3

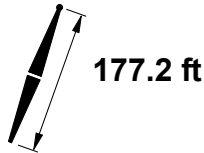
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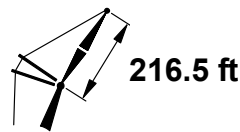
474,100 lb



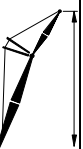
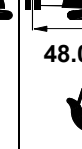
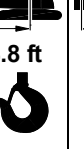
360°



177.2 ft



216.5 ft

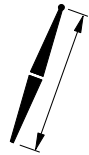
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
90	72.6	390.8	137,200	137,200									90
95	71.2	389.1	137,200	137,200									95
100	69.8	387.2	137,000	137,000	71.6	388.8	135,000	135,000					100
105	68.4	385.2	135,600	135,600	70.1	386.9	135,000	135,000					105
110	66.9	383.1	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	129,900	129,900	125
130	61.0	373.0	111,700	111,700	62.9	375.7	123,100	123,100	65.6	378.8	129,900	129,900	130
135	59.5	370.1	106,300	106,300	61.4	373.0	116,000	116,000	64.2	376.4	129,900	129,900	135
140	57.9	366.9	101,500	101,500	59.9	370.1	109,500	109,500	62.7	373.8	122,300	122,300	140
145	56.3	363.6	96,500	96,500	58.3	367.0	103,500	103,500	61.2	371.0	115,300	115,300	145
150	54.7	360.1	91,500	91,500	56.7	363.7	98,000	98,000	59.6	368.1	108,800	108,800	150
155	53.1	356.3	86,900	86,900	55.1	360.2	92,900	92,900	58.1	365.0	102,900	102,900	155
160	51.4	352.3	82,600	82,600	53.5	356.5	88,200	88,200	56.5	361.7	97,500	97,500	160
165	49.6	348.1	78,600	78,600	51.8	352.6	83,800	83,800	54.9	358.2	92,400	92,400	165
170	47.9	343.6	74,800	74,800	50.1	348.4	79,600	79,600	53.2	354.4	87,600	87,600	170
175	46.0	338.8	71,300	71,300	48.3	344.0	75,800	75,800	51.5	350.5	83,200	83,200	175
180	44.1	333.7	68,000	68,000	46.5	339.3	72,200	72,200	49.8	346.3	79,100	79,100	180
185	42.2	328.2	64,900	64,900	44.6	334.2	68,800	68,800	48.0	341.8	75,300	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-3

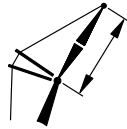
ASME B30.5



474,100 lb



177.2 ft



216.5 ft

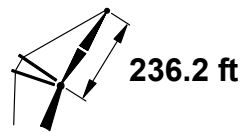
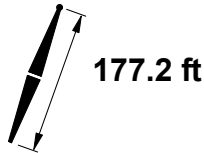
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.7	370.3	109,400	120,500									155
160	61.2	367.6	105,000	115,700									160
165	59.7	364.7	100,800	109,400									165
170	58.1	361.6	96,800	103,400									170
175	56.5	358.3	93,000	97,800									175
180	54.9	354.8	89,500	92,700									180
185	53.3	351.0	86,100	87,900	58.1	356.6	78,700	103,300					185
190	51.6	347.1	82,900	83,500	56.5	353.3	75,700	97,800					190
195	49.9	342.9	79,400	79,400	54.9	349.8	72,900	92,600					195
200	48.1	338.4	75,600	75,600	53.2	346.0	70,200	87,900					200
205	46.3	333.7	72,100	72,100	51.5	342.1	67,600	83,500					205
210	44.4	328.6	68,700	68,700	49.8	337.9	65,200	79,400					210
215	42.4	323.1	65,600	65,600	48.0	333.4	62,900	75,600	53.0	339.4	56,700	85,600	215
220	40.4	317.3	62,600	62,600	46.2	328.6	60,700	72,100	51.3	335.4	54,600	83,000	220
225	38.3	311.1	59,800	59,800	44.3	323.5	58,600	68,700	49.6	331.2	52,700	79,000	225
230	36.0	304.3	57,200	57,200	42.3	318.1	56,600	65,600	47.8	326.6	50,800	75,200	230
235	33.7	296.9	54,700	54,700	40.3	312.2	54,600	62,700	45.9	321.8	49,000	71,700	235
240	31.1	288.8	52,300	52,300	38.2	306.0	52,800	59,900	44.0	316.7	47,300	68,400	240
245	28.4	279.8	50,000	50,000	35.9	299.1	51,000	57,200	42.1	311.2	45,600	65,300	245
250	25.4	269.6	47,800	47,800	33.6	291.7	49,200	54,700	40.0	305.3	44,000	62,400	250
260	18.0	243.5	43,700	43,700	28.3	274.6	46,000	50,100	35.6	292.1	41,000	57,000	260
270					21.9	252.5	42,900	45,800	30.7	276.3	38,200	52,200	270
280					12.6	218.6	40,000	41,800	24.9	256.7	35,500	47,800	280
290									17.2	229.7	33,000	43,700	290

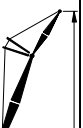
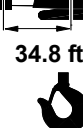
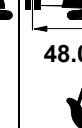
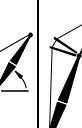
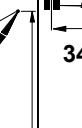
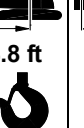
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	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	95,600	95,600	155
160	55.1	377.1	82,200	82,200	57.0	380.7	87,700	87,700	59.6	385.1	93,900	93,900	160
165	53.6	373.5	78,200	78,200	55.5	377.3	83,400	83,400	58.2	382.0	91,900	91,900	165
170	52.1	369.6	74,500	74,500	54.0	373.6	79,300	79,300	56.7	378.7	87,200	87,200	170
175	50.5	365.5	71,000	71,000	52.5	369.8	75,500	75,500	55.3	375.2	82,900	82,900	175
180	48.9	361.1	67,700	67,700	50.9	365.8	71,900	71,900	53.8	371.6	78,800	78,800	180
185	47.3	356.5	64,600	64,600	49.3	361.5	68,500	68,500	52.2	367.7	75,000	75,000	185
190	45.6	351.7	61,700	61,700	47.7	356.9	65,400	65,400	50.7	363.6	71,500	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-3

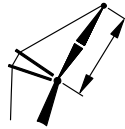
ASME B30.5



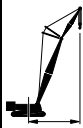
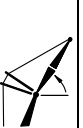
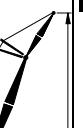
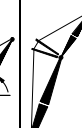
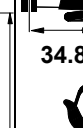
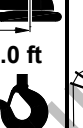
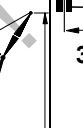
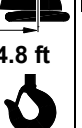
474,100 lb



177.2 ft



236.2 ft

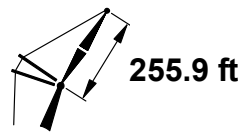
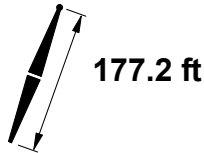
	 75°				 70°				 65°					
														
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft	
95													95	
100													100	
105													105	
110													110	
115													115	
120													120	
125													125	
130													130	
135													135	
140													140	
145													145	
150													150	
155													155	
160	63.8	389.9	98,700	98,700									160	
165	62.4	387.3	97,000	97,000									165	
170	61.1	384.6	95,400	95,400									170	
175	59.7	381.6	92,100	93,800									175	
180	58.2	378.5	88,600	92,300									180	
185	56.8	375.3	85,200	87,600									185	
190	55.3	371.8	82,100	83,200									190	
195	53.8	368.2	79,100	79,100	58.2	373.6	71,900	91,400					195	
200	52.3	364.3	75,300	75,300	56.7	370.3	69,200	87,500					200	
205	50.7	360.2	71,700	71,700	55.3	366.8	66,700	83,100					205	
210	49.1	355.9	68,400	68,400	53.7	363.2	64,300	79,100					210	
215	47.5	351.3	65,300	65,300	52.2	359.3	62,000	75,300					215	
220	45.8	346.5	62,300	62,300	50.6	355.2	59,800	71,700					220	
225	44.0	341.4	59,500	59,500	49.0	350.9	57,700	68,400	53.5	356.5	51,600	78,600	225	
230	42.2	335.9	56,900	56,900	47.4	346.3	55,700	65,300	52.0	352.6	49,800	74,900	230	
235	40.4	330.1	54,400	54,400	45.7	341.5	53,800	62,300	50.4	348.5	48,000	71,300	235	
240	38.4	323.8	52,100	52,100	44.0	336.3	51,900	59,600	48.8	344.2	46,300	68,100	240	
245	36.4	317.1	49,800	49,800	42.2	330.8	50,200	57,000	47.2	339.6	44,600	65,000	245	
250	34.3	309.9	47,700	47,700	40.3	325.0	48,500	54,500	45.5	334.7	43,100	62,100	250	
260	29.6	293.4	43,700	43,700	36.3	312.0	45,300	49,900	41.9	323.9	40,100	56,700	260	
270	24.1	273.1	40,000	40,000	31.9	296.9	42,300	45,700	38.1	311.7	37,300	51,900	270	
280	17.0	245.4	35,800	35,800	26.9	278.6	39,500	41,900	33.9	297.6	34,700	47,600	280	
290					20.7	255.2	36,900	38,400	29.2	280.9	32,300	43,600	290	
300					11.6	219.0	34,200	34,200	23.6	260.1	30,000	40,000	300	
310									16.2	231.4	27,900	36,600	310	

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



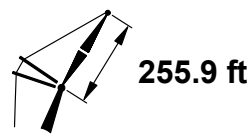
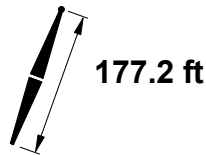
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.0	428.9	98,100	98,100									100
105	71.9	427.3	97,700	97,700									105
110	70.7	425.5	97,200	97,200									110
115	69.5	423.6	96,700	96,700	71.0	425.2	95,800	95,800					115
120	68.3	421.6	95,200	95,200	69.8	423.4	95,500	95,500					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	86,900	86,900	165
170	55.5	394.2	70,300	70,300	57.2	397.7	75,800	75,800	59.6	402.0	84,100	84,100	170
175	54.1	390.6	66,700	66,700	55.8	394.3	71,900	71,900	58.3	398.9	79,900	79,900	175
180	52.7	386.8	63,200	63,200	54.4	390.7	68,100	68,100	56.9	395.7	75,900	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-3

ASME B30.5



474,100 lb



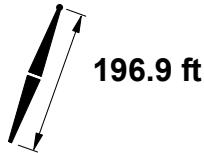
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	63.5	406.9	83,700	83,700									170
175	62.2	404.3	83,700	83,700									175
180	60.9	401.5	83,700	83,700									180
185	59.6	398.6	83,600	83,700									185
190	58.3	395.5	80,400	80,400									190
195	57.0	392.3	76,500	76,500									195
200	55.6	388.8	72,600	72,600									200
205	54.3	385.3	68,900	68,900	58.3	390.5	64,900	76,400					205
210	52.9	381.5	65,300	65,300	56.9	387.3	62,600	76,000					210
215	51.4	377.5	61,900	61,900	55.6	383.9	60,300	72,400					215
220	50.0	373.3	58,600	58,600	54.2	380.3	58,100	68,900					220
225	48.5	368.9	55,500	55,500	52.8	376.5	56,000	65,400					225
230	46.9	364.2	52,500	52,500	51.4	372.5	54,000	62,100					230
235	45.4	359.3	49,600	49,600	49.9	368.3	52,100	58,800					235
240	43.8	354.1	46,600	46,600	48.4	363.9	50,300	55,800	52.6	369.8	44,500	64,500	240
245	42.1	348.7	43,500	43,500	46.9	359.2	48,600	52,800	51.2	365.8	42,900	61,400	245
250	40.4	342.8	40,600	40,600	45.3	354.3	46,900	50,000	49.7	361.6	41,400	58,400	250
260	36.7	330.0	35,100	35,100	42.0	343.6	43,700	44,100	46.7	352.4	38,400	52,500	260
270	32.7	315.2	30,000	30,000	38.5	331.5	38,400	38,400	43.5	342.2	35,700	47,100	270
280	28.2	297.8	25,300	25,300	34.7	317.7	33,000	33,000	40.1	330.8	33,200	41,300	280
290	22.9	276.3	21,000	21,000	30.5	301.7	28,200	28,200	36.4	317.8	30,800	35,800	290
300	16.0	247.0	16,600	16,600	25.6	282.4	23,700	23,700	32.4	302.9	28,600	30,800	300
310					19.6	257.7	19,300	19,300	27.8	285.2	26,100	26,100	310
320					10.7	219.1	15,100	15,100	22.4	263.2	21,800	21,800	320
330									15.2	232.8	17,600	17,600	330

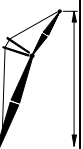
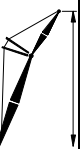
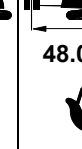
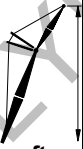
MLC300 VPC-MAX S-3

ASME B30.5



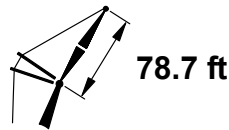
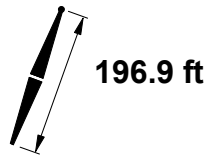
474,100 lb



	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
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	297,500 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	280,500 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	260,500 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	243,100	259,700	90
95	28.3	239.4	159,600	159,600	38.0	250.0	183,600	183,600	49.2	259.9	227,700	237,500	95
100	18.2	226.5	154,100	154,100	31.2	242.2	173,500	173,500	44.1	254.9	214,000	219,400	100
105					22.6	231.4	165,800	165,800	38.3	248.7	201,700	204,500	105
110									31.6	241.0	190,700	192,200	110
115									23.1	230.4	180,600	182,300	115
120									6.6	208.3	153,600	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-3

ASME B30.5



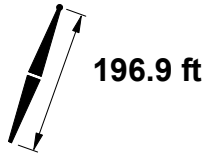
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.1	265.1	203,600 b	261,200 b									105
110	55.7	261.7	192,000 b	246,500 b									110
115	51.1	257.7	181,500	233,300									115
120	46.0	252.9	172,000	221,300									120
125	40.5	247.2	163,400	210,400	57.0	257.4	155,100 b	202,100 b					125
130	34.2	240.2	155,500	200,400	52.4	253.5	147,700	192,600					130
135	26.6	230.9	148,200	190,800	47.5	249.0	140,800	183,800					135
140	15.3	216.3	141,300	176,000	42.2	243.6	134,500	175,800					140
145					36.2	237.0	128,600	168,300	53.3	247.5	121,900	161,600	145
150					29.0	228.5	123,100	161,300	48.5	243.1	116,800	155,000	150
155					19.3	216.2	118,000	154,800	43.2	237.9	112,000	148,800	155
160									37.3	231.6	107,500	143,100	160
165									30.4	223.5	103,300	137,700	165
									21.4	212.2	99,300	132,500	165

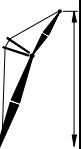
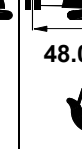
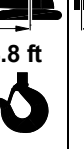
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



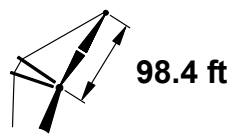
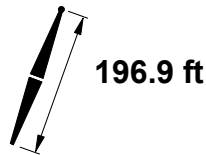
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
55	73.5	298.1	251,600 c	251,600 c									55
60	70.4	296.3	248,100 c	248,100 c									60
65	67.2	294.2	245,000 b	245,000 b	71.6	296.3	250,200 c	250,200 c					65
70	64.0	291.8	225,400 b	225,400 b	68.4	294.3	247,400 b	247,400 b					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	247,700 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	243,300 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	231,700	231,700	90
95	45.8	273.1	156,600	156,600	51.3	278.8	186,100	186,100	58.7	284.8	220,500	220,500	95
100	41.4	267.6	148,300	148,300	47.3	274.2	174,100	174,100	55.2	281.3	209,800	209,800	100
105	36.6	261.0	141,200	141,200	43.1	269.0	164,000	164,000	51.5	277.4	199,800	199,800	105
110	31.2	253.1	135,200	135,200	38.5	262.8	155,300	155,300	47.5	272.8	190,000	190,400	110
115	24.6	242.9	130,600	130,600	33.3	255.5	147,900	147,900	43.3	267.6	180,100	181,800	115
120	15.3	227.8	126,400	126,400	27.2	246.3	141,800	141,800	38.7	261.5	171,000	173,800	120
125					19.4	233.7	137,300	137,300	33.6	254.2	162,800	163,400	125
130									27.6	245.2	152,600	152,600	130
135									19.8	232.9	142,700	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-3

ASME B30.5



474,100 lb



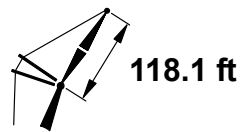
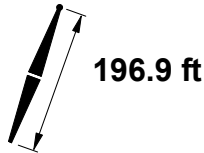
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.3	284.9	190,600	235,100									105
110	60.0	282.0	180,300	225,200									110
115	56.5	278.7	170,900	215,100									115
120	52.9	275.0	162,300	205,400									120
125	49.0	270.7	154,500	196,100									125
130	44.9	265.7	147,400	187,300	57.5	274.4	139,500	182,500					130
135	40.5	260.0	140,800	179,100	53.9	270.7	133,200	174,500					135
140	35.6	253.2	134,600	168,100	50.1	266.6	127,500	167,200					140
145	30.0	244.9	129,000	156,800	46.1	261.8	122,100	160,300					145
150	23.0	234.1	123,600	146,700	41.8	256.4	117,200	154,000					150
155	12.5	216.8	118,600	137,300	37.1	249.9	112,500	148,000	50.9	260.6	106,300	141,800	155
160					31.7	242.1	108,100	142,500	46.9	256.0	102,200	136,500	160
165					25.2	232.2	104,000	137,200	42.6	250.6	98,300	131,600	165
170					16.3	217.8	100,100	132,300	38.0	244.4	94,700	126,900	170
175									32.7	236.9	91,300	122,500	175
180									26.5	227.5	88,000	118,300	180
185									18.3	214.3	84,900	114,300	185

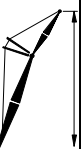
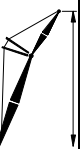
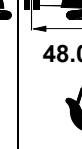
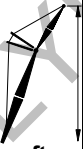
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



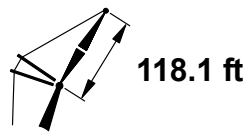
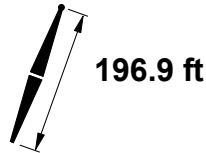
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60	73.8	317.2	241,400 b	241,400 b									60
65	71.2	315.5	234,200 b	234,200 b									65
70	68.6	313.5	226,900	226,900									70
75	66.0	311.3	207,700	207,700	69.6	313.5	238,500	238,500					75
80	63.3	308.8	191,300	191,300	67.0	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	235,600	235,600	90
95	54.6	299.2	155,800	155,800	58.7	303.2	188,900	188,900	64.4	307.4	224,100	227,600	95
100	51.5	295.3	146,900	146,900	55.8	299.8	176,200	176,200	61.7	304.8	210,600	219,600	100
105	48.3	290.9	139,200	139,200	52.7	296.0	165,300	165,300	58.8	301.7	198,500	211,800	105
110	44.9	285.9	132,300	132,300	49.5	291.8	155,800	155,800	55.9	298.4	187,600	204,300	110
115	41.2	280.3	126,300	126,300	46.2	287.1	147,400	147,400	52.9	294.6	177,700	189,000	115
120	37.3	273.9	121,200	121,200	42.6	281.7	140,100	140,100	49.7	290.4	168,800	175,300	120
125	32.9	266.4	116,700	116,700	38.8	275.6	133,700	133,700	46.4	285.7	160,600	163,300	125
130	27.9	257.4	113,000	113,000	34.6	268.6	128,200	128,200	42.8	280.4	152,600	152,600	130
135	21.8	245.9	110,200	110,200	29.9	260.2	123,500	123,500	39.0	274.3	143,100	143,100	135
140	13.1	228.6	98,200	98,200	24.3	249.8	118,800	118,800	34.8	267.3	134,400	134,400	140
145					17.0	235.5	109,100	109,100	30.2	259.0	126,600	126,600	145
150									24.6	248.8	119,400	119,400	150
155									17.4	234.8	112,700	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-3

ASME B30.5



474,100 lb



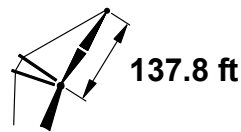
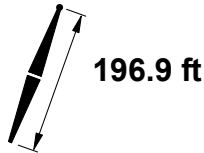
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.7	301.9	168,000	217,300									115
120	59.9	299.0	159,600	206,600									120
125	57.0	295.7	151,800	196,800									125
130	54.0	292.1	144,700	187,800									130
135	50.9	288.1	138,200	179,500									135
140	47.6	283.6	132,200	167,900	57.9	291.3	124,600	164,300					140
145	44.2	278.5	126,600	156,800	54.9	287.8	119,300	157,500					145
150	40.5	272.7	121,400	146,800	51.8	283.9	114,400	151,200					150
155	36.4	266.1	116,600	137,900	48.6	279.6	109,800	145,400					155
160	32.0	258.4	112,000	129,700	45.2	274.6	105,500	139,900					160
165	26.8	249.0	107,700	122,300	41.6	269.1	101,500	134,800	52.4	277.9	94,500	128,600	165
170	20.4	236.7	103,700	115,500	37.7	262.8	97,800	129,900	49.2	273.6	91,000	124,000	170
175	10.4	216.7	99,800	108,900	33.3	255.4	94,200	125,400	45.8	268.8	87,600	119,700	175
180					28.4	246.5	90,900	121,100	42.3	263.4	84,500	115,600	180
185					22.4	235.3	87,700	117,000	38.4	257.2	81,500	111,800	185
190					14.1	218.9	84,600	111,200	34.2	250.0	78,600	108,100	190
195									29.4	241.5	75,800	104,700	195
200									23.7	230.8	73,200	101,300	200
205									16.0	215.9	70,600	98,100	205

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



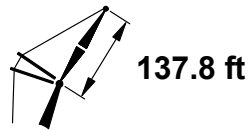
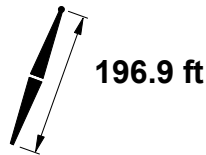
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70	71.8	334.6	205,900	205,900									70
75	69.6	332.7	194,200	194,200									75
80	67.4	330.6	183,100	183,100	70.4	332.7	199,400	199,400					80
85	65.1	328.3	172,600	172,600	68.2	330.7	188,300	188,300					85
90	62.7	325.7	162,700	162,700	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	189,000	189,000	95
100	57.9	319.8	144,900	144,900	61.2	323.2	158,000	158,000	66.0	326.9	178,800	178,800	100
105	55.3	316.3	136,900	136,900	58.8	320.2	149,200	149,200	63.7	324.4	168,900	168,900	105
110	52.7	312.5	129,600	129,600	56.3	316.9	140,900	140,900	61.4	321.7	159,500	159,500	110
115	50.0	308.4	122,700	122,700	53.7	313.2	133,200	133,200	58.9	318.7	150,700	150,700	115
120	47.2	303.8	116,300	116,300	51.1	309.2	126,100	126,100	56.4	315.4	142,400	142,400	120
125	44.3	298.7	110,400	110,400	48.3	304.8	119,400	119,400	53.9	311.8	134,700	134,700	125
130	41.1	293.0	104,800	104,800	45.4	299.9	113,300	113,300	51.2	307.8	127,500	127,500	130
135	37.8	286.7	99,700	99,700	42.3	294.4	107,500	107,500	48.4	303.4	120,800	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-3

ASME B30.5



474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.2	318.8	150,500	162,700									125
130	59.8	315.9	143,500	154,200									130
135	57.4	312.7	137,000	146,100									135
140	54.8	309.2	131,000	138,300									140
145	52.2	305.4	125,500	131,000									145
150	49.5	301.1	120,300	124,200	58.1	308.3	113,000	147,300					150
155	46.6	296.4	115,500	117,800	55.6	304.9	108,500	140,100					155
160	43.6	291.2	111,000	111,800	53.0	301.1	104,300	133,100					160
165	40.5	285.5	106,300	106,300	50.3	297.0	100,300	126,400					165
170	37.0	279.0	101,000	101,000	47.5	292.5	96,600	120,000					170
175	33.3	271.6	96,200	96,200	44.5	287.4	93,100	114,100	53.5	295.1	85,800	118,300	175
180	29.2	262.9	91,600	91,600	41.4	281.8	89,800	108,400	50.8	291.0	82,600	114,300	180
185	24.4	252.5	87,400	87,400	38.1	275.6	86,700	103,200	48.0	286.5	79,700	110,500	185
190	18.3	238.9	83,500	83,500	34.4	268.4	83,700	98,200	45.1	281.6	76,900	106,900	190
195		215.8	80,200	80,200	30.4	260.2	80,900	93,600	42.0	276.1	74,200	103,500	195
200					25.8	250.4	78,200	89,300	38.7	270.0	71,700	100,300	200
205					20.3	237.9	75,600	85,400	35.1	263.0	69,300	97,200	205
210					12.3	219.4	72,900	81,700	31.2	255.0	67,000	94,200	210
215									26.7	245.5	64,700	90,600	215
220									21.4	233.7	62,600	86,600	220
225									14.1	216.9	60,400	82,900	225

MLC300 VPC-MAX S-3

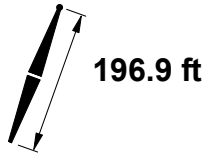
ASME B30.5



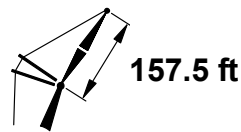
474,100 lb



360°



196.9 ft



157.5 ft

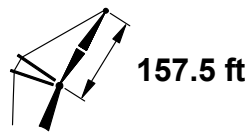
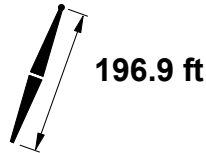
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
75	72.3	353.7	190,100	190,100									75
80	70.3	351.9	187,200	187,200									80
85	68.4	349.9	181,500	181,500	71.1	351.8	189,600	189,600					85
90	66.4	347.7	168,100	168,100	69.1	349.9	187,900	187,900					90
95	64.4	345.3	156,800	156,800	67.1	347.8	185,600	185,600					95
100	62.3	342.7	147,100	147,100	65.1	345.5	179,900	179,900					100
105	60.2	339.8	138,500	138,500	63.1	342.9	172,300	172,300	67.2	346.3	185,700	185,700	105
110	58.1	336.7	131,100	131,100	61.0	340.2	160,700	160,700	65.2	343.9	183,800	184,500	110
115	55.9	333.4	124,400	124,400	58.9	337.1	150,800	150,800	63.2	341.4	174,000	180,100	115
120	53.6	329.7	118,500	118,500	56.7	333.9	142,300	142,300	61.1	338.7	165,100	174,000	120
125	51.3	325.7	113,100	113,100	54.5	330.3	134,800	134,800	59.0	335.7	157,000	161,900	125
130	48.9	321.4	108,400	108,400	52.2	326.4	128,100	128,100	56.8	332.4	149,600	151,200	130
135	46.4	316.6	104,100	104,100	49.8	322.2	122,300	122,300	54.6	328.9	141,600	141,600	135
140	43.8	311.5	100,300	100,300	47.3	317.7	117,000	117,000	52.3	325.0	133,000	133,000	140
145	41.0	305.8	96,800	96,800	44.8	312.7	111,200	111,200	49.9	320.8	125,200	125,200	145
150	38.1	299.5	93,700	93,700	42.1	307.2	105,400	105,400	47.5	316.3	118,200	118,200	150
155	35.0	292.5	91,000	91,000	39.2	301.1	99,900	99,900	44.9	311.3	111,700	111,700	155
160	31.6	284.6	88,500	88,500	36.2	294.4	94,900	94,900	42.2	305.8	105,800	105,800	160
165	27.8	275.4	84,200	84,200	32.9	286.9	90,300	90,300	39.4	299.8	100,300	100,300	165
170	23.4	264.5	80,200	80,200	29.2	278.2	85,900	85,900	36.3	293.2	95,300	95,300	170
175	18.0	250.4	74,600	74,600	25.1	268.0	81,800	81,800	33.0	285.6	90,600	90,600	175
180	9.8	228.5	62,700	62,700	20.2	255.4	78,000	78,000	29.4	277.1	86,300	86,300	180
185					13.5	237.7	70,100	70,100	25.3	267.0	82,200	82,200	185
190									20.4	254.5	78,300	78,300	190
195									13.9	237.2	74,600	74,600	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



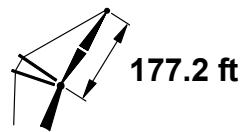
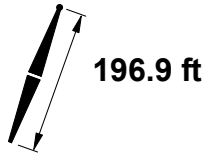
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	64.0	338.5	140,600	172,300									130
135	61.9	335.8	134,100	172,300									135
140	59.8	332.9	128,200	166,400									140
145	57.6	329.7	122,600	155,200									145
150	55.4	326.3	117,500	145,200									150
155	53.2	322.6	112,800	136,300									155
160	50.8	318.5	108,300	128,200	58.3	325.3	100,700	135,600					160
165	48.4	314.1	104,200	120,900	56.1	321.9	96,700	130,600					165
170	45.9	309.3	100,200	114,300	53.8	318.3	93,000	125,900					170
175	43.2	304.0	96,600	108,200	51.5	314.3	89,500	121,400					175
180	40.4	298.2	93,100	102,600	49.1	310.0	86,200	117,200					180
185	37.5	291.8	89,800	97,400	46.6	305.3	83,100	113,300					185
190	34.3	284.6	86,800	92,600	44.0	300.2	80,100	109,500	51.9	308.3	72,800	103,900	190
195	30.8	276.5	83,800	88,100	41.3	294.6	77,300	104,300	49.6	304.1	70,200	100,500	195
200	26.9	267.0	81,000	83,900	38.4	288.4	74,600	99,100	47.1	299.4	67,700	97,300	200
205	22.4	255.6	78,300	80,000	35.2	281.4	72,100	94,200	44.5	294.4	65,400	94,300	205
210	16.6	240.6	75,800	76,200	31.9	273.6	69,600	89,600	41.8	288.9	63,100	91,400	210
215	6.9	214.2	72,200	72,200	28.1	264.5	67,300	85,300	38.9	282.8	61,000	88,700	215
220					23.8	253.8	65,000	81,300	35.8	276.0	58,900	86,000	220
225					18.5	240.1	62,800	77,500	32.5	268.3	56,900	83,500	225
230					10.8	219.4	60,700	73,800	28.8	259.5	55,000	81,100	230
235									24.6	249.1	53,200	78,800	235
240									19.6	236.2	51,400	76,600	240
245									12.6	217.6	49,600	74,400	245

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



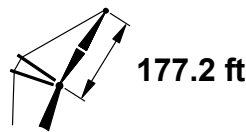
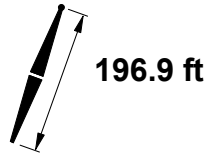
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
80	72.6	372.8	160,100	160,100									80
85	70.9	371.0	150,700	150,700									85
90	69.2	369.1	141,700	141,700	71.5	370.9	154,500	154,500					90
95	67.4	367.1	133,100	133,100	69.8	369.1	145,500	145,500					95
100	65.6	364.8	125,100	125,100	68.1	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
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MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



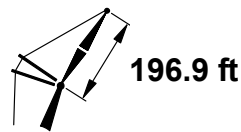
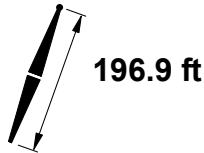
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	63.5	355.4	116,800	116,800									140
145	61.6	352.7	110,300	110,300									145
150	59.8	349.8	104,000	104,000									150
155	57.8	346.7	98,100	98,100									155
160	55.9	343.3	92,600	92,600									160
165	53.9	339.7	87,300	87,300									165
170	51.8	335.8	82,400	82,400	58.4	342.3	91,200	99,300					170
175	49.7	331.6	77,800	77,800	56.5	339.0	87,700	93,900					175
180	47.5	327.0	73,500	73,500	54.5	335.4	84,500	88,700					180
185	45.3	322.1	69,400	69,400	52.4	331.6	81,400	83,900					185
190	42.9	316.8	65,600	65,600	50.3	327.4	78,500	79,300					190
195	40.4	311.0	62,000	62,000	48.2	323.0	74,900	74,900					195
200	37.8	304.6	58,600	58,600	45.9	318.2	70,800	70,800	52.8	325.5	65,900	84,300	200
205	35.0	297.6	55,400	55,400	43.6	313.0	67,000	67,000	50.7	321.4	63,600	79,900	205
210	32.0	289.8	52,400	52,400	41.2	307.3	63,300	63,300	48.6	317.0	61,400	75,600	210
215	28.7	280.9	49,600	49,600	38.6	301.1	59,900	59,900	46.4	312.3	59,200	71,600	215
220	25.1	270.7	46,900	46,900	35.9	294.3	56,600	56,600	44.0	307.2	57,200	67,700	220
225	20.7	258.3	44,300	44,300	32.9	286.8	53,600	53,600	41.6	301.6	55,300	64,100	225
230	15.2	242.0	42,000	42,000	29.7	278.3	50,700	50,700	39.1	295.5	53,400	60,700	230
235	5.2	211.5	39,800	39,800	26.2	268.5	47,900	47,900	36.4	288.8	51,700	57,400	235
240					22.1	256.8	45,400	45,400	33.5	281.4	49,900	54,300	240
245					17.0	242.0	43,000	43,000	30.3	273.1	48,300	51,400	245
250					9.4	219.0	40,700	40,700	26.9	263.6	46,700	48,700	250
260									18.1	238.3	43,600	43,700	260

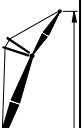
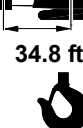
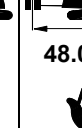
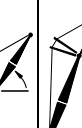
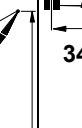
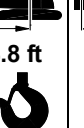
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



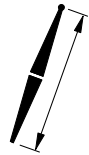
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
85	72.9	391.9	144,100	144,100									85
90	71.3	390.2	144,100	144,100									90
95	69.8	388.3	143,900	143,900	71.9	390.0	142,500	142,500					95
100	68.2	386.3	143,600	143,600	70.4	388.2	142,500	142,500					100
105	66.6	384.2	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	142,400	142,400	67.3	382.7	138,400	138,400	120
125	60.1	373.8	113,000	113,000	62.4	376.9	138,200	138,200	65.7	380.4	138,400	138,400	125
130	58.4	370.7	107,900	107,900	60.7	374.1	129,600	129,600	64.1	378.0	138,400	138,400	130
135	56.6	367.4	103,100	103,100	59.0	371.1	121,700	121,700	62.5	375.4	138,400	138,400	135
140	54.8	363.9	98,900	98,900	57.3	367.9	114,700	114,700	60.8	372.6	130,100	130,100	140
145	53.0	360.1	95,000	95,000	55.5	364.4	108,200	108,200	59.1	369.6	122,200	122,200	145
150	51.2	356.1	91,400	91,400	53.7	360.8	102,300	102,300	57.4	366.4	115,100	115,100	150
155	49.2	351.8	88,200	88,200	51.9	356.8	96,800	96,800	55.6	363.0	108,600	108,600	155
160	47.3	347.2	85,200	85,200	50.0	352.7	91,800	91,800	53.8	359.3	102,700	102,700	160
165	45.2	342.3	81,200	81,200	48.0	348.2	87,200	87,200	52.0	355.4	97,200	97,200	165
170	43.1	337.0	77,300	77,300	46.0	343.4	82,900	82,900	50.1	351.2	92,200	92,200	170
175	40.9	331.3	73,700	73,700	43.9	338.2	78,800	78,800	48.1	346.8	87,500	87,500	175
180	38.6	325.1	70,200	70,200	41.7	332.7	75,100	75,100	46.1	342.0	83,200	83,200	180
185	36.1	318.3	67,000	67,000	39.5	326.7	71,600	71,600	44.0	336.9	79,200	79,200	185
190	33.5	310.9	64,000	64,000	37.1	320.1	68,300	68,300	41.8	331.3	75,400	75,400	190
195	30.7	302.7	61,100	61,100	34.5	313.0	65,200	65,200	39.6	325.3	71,900	71,900	195
200	27.7	293.4	58,400	58,400	31.8	305.1	62,200	62,200	37.2	318.8	68,600	68,600	200
205	24.2	282.8	55,800	55,800	28.8	296.2	59,500	59,500	34.7	311.7	65,400	65,400	205
210	20.2	270.0	53,300	53,300	25.6	286.2	56,800	56,800	31.9	303.9	62,500	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
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270													270
280													280

MLC300 VPC-MAX S-3

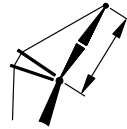
ASME B30.5



474,100 lb



196.9 ft



196.9 ft

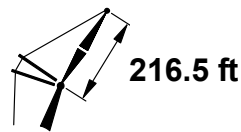
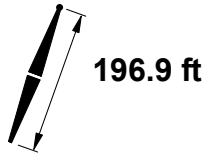
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.1	372.4	113,100	130,000									150
155	61.4	369.7	108,300	130,000									155
160	59.7	366.8	103,900	125,200									160
165	58.0	363.7	99,700	117,800									165
170	56.3	360.3	95,800	111,100									170
175	54.5	356.8	92,100	105,000									175
180	52.6	353.0	88,600	99,300	58.5	359.2	80,100	112,800					180
185	50.8	348.9	85,300	94,200	56.8	356.0	77,100	108,900					185
190	48.8	344.6	82,200	89,400	55.0	352.5	74,200	105,200					190
195	46.9	339.9	79,200	84,900	53.2	348.7	71,400	101,100					195
200	44.8	334.9	76,400	80,800	51.3	344.7	68,800	95,800					200
205	42.7	329.5	73,700	76,900	49.4	340.5	66,300	90,900					205
210	40.4	323.7	71,200	73,300	47.4	335.9	64,000	86,300	53.5	342.6	57,000	86,900	210
215	38.1	317.4	68,800	69,900	45.4	331.0	61,700	82,100	51.7	338.7	54,900	84,200	215
220	35.6	310.5	66,400	66,800	43.3	325.7	59,600	78,200	49.8	334.5	52,900	81,600	220
225	33.0	303.0	63,800	63,800	41.1	320.1	57,500	74,500	47.8	330.0	51,000	79,200	225
230	30.1	294.5	60,900	60,900	38.8	313.9	55,500	71,100	45.8	325.2	49,200	76,800	230
235	27.0	285.0	58,200	58,200	36.3	307.2	53,700	67,800	43.7	320.0	47,400	74,600	235
240	23.5	274.0	55,600	55,600	33.8	299.9	51,800	64,800	41.5	314.4	45,800	72,500	240
245	19.3	260.7	53,200	53,200	31.0	291.7	50,100	61,900	39.2	308.3	44,200	70,400	245
250	14.0	243.1	50,800	50,800	27.9	282.6	48,400	59,200	36.8	301.7	42,600	68,400	250
260					20.6	259.5	45,200	54,100	31.5	286.5	39,700	62,600	260
270					8.2	218.1	42,000	49,200	25.2	267.3	36,900	57,200	270
280									16.7	240.0	34,300	52,300	280

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



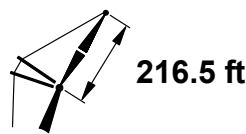
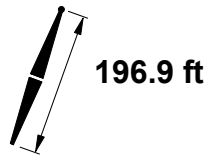
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft	
90	73.1	410.9	123,900	123,900									90
95	71.7	409.3	123,900	123,900									95
100	70.3	407.5	123,700	123,700									100
105	68.9	405.5	123,500	123,500	70.8	407.4	122,400	122,400					105
110	67.4	403.5	123,200	123,200	69.4	405.5	122,400	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	118,400	118,400	130
135	60.0	390.7	103,200	103,200	62.1	393.8	119,300	119,300	65.2	397.4	118,400	118,400	135
140	58.5	387.6	98,800	98,800	60.6	391.0	112,600	112,600	63.7	395.0	118,400	118,400	140
145	56.9	384.4	94,700	94,700	59.0	388.0	106,400	106,400	62.2	392.3	118,400	118,400	145
150	55.3	380.9	91,000	91,000	57.5	384.8	100,700	100,700	60.7	389.5	113,200	113,200	150
155	53.6	377.3	87,600	87,600	55.9	381.5	95,400	95,400	59.1	386.5	107,000	107,000	155
160	52.0	373.4	84,200	84,200	54.3	377.9	90,500	90,500	57.6	383.4	101,300	101,300	160
165	50.2	369.2	80,000	80,000	52.6	374.0	85,900	85,900	56.0	380.0	95,800	95,800	165
170	48.5	364.8	76,100	76,100	50.9	370.0	81,600	81,600	54.3	376.4	90,800	90,800	170
175	46.7	360.1	72,500	72,500	49.1	365.7	77,600	77,600	52.7	372.6	86,200	86,200	175
180	44.8	355.1	69,100	69,100	47.3	361.1	73,900	73,900	51.0	368.6	81,900	81,900	180
185	42.9	349.8	65,900	65,900	45.5	356.2	70,400	70,400	49.2	364.3	77,900	77,900	185
190	40.8	344.0	62,900	62,900	43.6	351.0	67,200	67,200	47.4	359.7	74,200	74,200	190
195	38.7	337.9	60,100	60,100	41.6	345.4	64,100	64,100	45.6	354.8	70,700	70,700	195
200	36.5	331.2	57,400	57,400	39.5	339.4	61,200	61,200	43.7	349.6	67,400	67,400	200
205	34.2	323.9	54,900	54,900	37.4	333.0	58,500	58,500	41.7	344.1	64,400	64,400	205
210	31.7	316.0	52,400	52,400	35.1	325.9	55,900	55,900	39.6	338.1	61,500	61,500	210
215	29.0	307.2	50,100	50,100	32.7	318.3	53,400	53,400	37.5	331.7	58,700	58,700	215
220	26.1	297.3	47,900	47,900	30.1	309.8	51,100	51,100	35.2	324.7	56,100	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-3

ASME B30.5



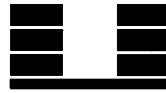
474,100 lb



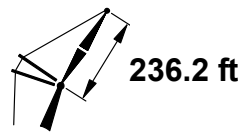
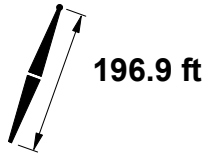
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	62.7	389.4	101,600	110,100									160
165	61.2	386.7	97,500	110,100									165
170	59.7	383.7	93,600	109,500									170
175	58.1	380.6	89,900	103,500									175
180	56.6	377.3	86,400	97,900									180
185	54.9	373.8	83,200	92,800									185
190	53.3	370.1	80,100	88,000	58.6	376.2	71,800	100,000					190
195	51.6	366.2	77,100	83,600	57.0	372.9	69,100	99,600					195
200	49.9	362.0	74,300	79,500	55.4	369.5	66,500	94,400					200
205	48.1	357.5	71,700	75,700	53.8	365.9	64,000	89,500					205
210	46.3	352.8	69,100	72,100	52.1	362.0	61,700	85,000					210
215	44.4	347.7	66,700	68,800	50.4	357.9	59,500	80,800					215
220	42.4	342.3	64,400	65,600	48.6	353.5	57,400	76,900					220
225	40.4	336.5	62,200	62,700	46.8	348.8	55,300	73,300	52.4	355.9	48,600	77,400	225
230	38.3	330.2	59,900	59,900	45.0	343.8	53,400	69,900	50.7	351.8	46,800	75,100	230
235	36.1	323.4	57,200	57,200	43.0	338.5	51,500	66,700	49.0	347.5	45,100	72,900	235
240	33.7	316.0	54,700	54,700	41.0	332.8	49,700	63,700	47.2	342.9	43,500	70,800	240
245	31.2	308.0	52,300	52,300	38.9	326.7	48,000	60,800	45.3	338.0	41,900	68,700	245
250	28.5	299.0	50,000	50,000	36.7	320.1	46,400	58,200	43.4	332.7	40,400	66,800	250
260	22.1	277.1	45,800	45,800	31.9	305.0	43,200	53,200	39.3	321.1	37,500	61,500	260
270	12.9	243.8	41,500	41,500	26.4	286.5	40,300	48,600	34.8	307.5	34,800	56,200	270
280					19.4	261.9	37,500	44,500	29.8	291.2	32,300	51,400	280
290					7.1	216.6	34,800	40,400	23.8	270.7	30,000	47,100	290
300									15.6	241.5	27,700	43,000	300

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



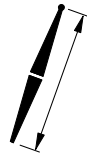
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95	73.3	430.0	106,400	106,400									95
100	72.0	428.4	106,300	106,300									100
105	70.7	426.6	106,000	106,000									105
110	69.4	424.7	105,700	105,700	71.2	426.5	104,700	104,700					110
115	68.1	422.7	103,900	103,900	69.9	424.7	104,700	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	97,700	97,700	150
155	57.1	401.4	87,800	87,800	59.1	405.0	92,100	92,100	62.0	409.3	95,900	95,900	155
160	55.6	398.0	84,000	84,000	57.6	401.8	90,300	90,300	60.6	406.5	94,300	94,300	160
165	54.1	394.4	79,900	79,900	56.2	398.5	85,800	85,800	59.2	403.5	92,700	92,700	165
170	52.6	390.5	76,100	76,100	54.7	394.9	81,600	81,600	57.7	400.3	90,700	90,700	170
175	51.1	386.5	72,500	72,500	53.2	391.2	77,600	77,600	56.3	397.0	86,300	86,300	175
180	49.5	382.3	69,100	69,100	51.6	387.3	73,900	73,900	54.8	393.5	81,900	81,900	180
185	47.8	377.7	65,900	65,900	50.1	383.1	70,400	70,400	53.3	389.8	77,900	77,900	185
190	46.2	373.0	62,900	62,900	48.5	378.7	67,100	67,100	51.7	385.8	74,200	74,200	190
195	44.4	367.9	60,000	60,000	46.8	374.0	64,000	64,000	50.1	381.7	70,700	70,700	195
200	42.6	362.5	57,400	57,400	45.1	369.0	61,200	61,200	48.5	377.3	67,400	67,400	200
205	40.8	356.8	54,800	54,800	43.3	363.8	58,400	58,400	46.9	372.6	64,300	64,300	205
210	38.9	350.6	52,400	52,400	41.5	358.2	55,800	55,800	45.2	367.7	61,400	61,400	210
215	36.9	344.0	50,100	50,100	39.6	352.2	53,400	53,400	43.4	362.4	58,700	58,700	215
220	34.8	336.9	48,000	48,000	37.6	345.8	51,100	51,100	41.6	356.8	56,100	56,100	220
225	32.5	329.2	45,600	45,600	35.6	338.9	48,800	48,800	39.7	350.9	53,600	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-3

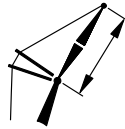
ASME B30.5



474,100 lb



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	92,800	92,800									165
170	62.5	406.4	92,600	92,800									170
175	61.1	403.6	88,900	92,800									175
180	59.7	400.7	85,500	92,800									180
185	58.3	397.6	82,200	91,700									185
190	56.8	394.3	79,100	88,100									190
195	55.3	390.9	76,200	83,600									195
200	53.8	387.2	73,400	79,500	58.7	393.2	65,400	84,900					200
205	52.3	383.4	70,800	75,700	57.2	389.9	63,000	84,900					205
210	50.7	379.3	68,300	72,100	55.8	386.5	60,700	84,900					210
215	49.1	375.0	65,900	68,700	54.3	382.9	58,500	80,800					215
220	47.5	370.4	63,600	65,600	52.8	379.2	56,400	76,900					220
225	45.8	365.6	61,400	62,600	51.2	375.1	54,400	73,200					225
230	44.1	360.5	59,300	59,800	49.6	370.9	52,400	69,800					230
235	42.3	355.0	57,200	57,200	48.0	366.4	50,600	66,600	53.0	373.1	44,000	72,100	235
240	40.4	349.2	54,700	54,700	46.3	361.7	48,800	63,600	51.5	369.1	42,400	70,000	240
245	38.5	343.0	52,300	52,300	44.6	356.6	47,100	60,700	49.9	364.9	40,900	68,000	245
250	36.5	336.3	50,000	50,000	42.8	351.3	45,500	58,100	48.3	360.5	39,400	66,000	250
260	32.1	321.2	45,800	45,800	39.0	339.5	42,400	53,100	44.9	350.8	36,500	61,400	260
270	27.0	303.1	41,900	41,900	35.0	325.8	39,600	48,600	41.3	339.8	33,900	56,100	270
280	20.9	279.8	37,200	37,200	30.4	309.8	36,900	44,600	37.4	327.4	31,500	51,300	280
290	11.9	244.3	32,900	32,900	25.0	290.2	34,400	40,800	33.2	312.9	29,200	47,000	290
300					18.2	264.1	32,000	36,300	28.3	295.6	27,000	43,100	300
310					5.9	214.5	29,600	32,000	22.5	273.8	25,000	39,500	310
320									14.6	242.8	23,000	35,100	320

MLC300 VPC-MAX S-3

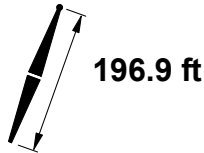
ASME B30.5



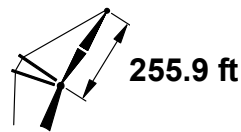
474,100 lb



360°



196.9 ft



255.9 ft

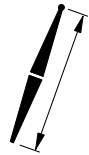
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.4	449.0	90,800	90,800									100
105	72.3	447.4	90,500	90,500									105
110	71.1	445.7	90,200	90,200									110
115	69.9	443.9	89,800	89,800	71.5	445.6	88,900	88,900					115
120	68.7	441.9	89,400	89,400	70.3	443.8	88,800	88,800					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	85,000	85,000	165
170	55.9	415.0	71,200	71,200	57.8	418.8	77,100	77,100	60.5	423.4	84,900	84,900	170
175	54.6	411.4	67,600	67,600	56.4	415.5	73,300	73,300	59.2	420.4	82,100	82,100	175
180	53.2	407.7	64,100	64,100	55.1	412.0	69,500	69,500	57.9	417.3	78,000	78,000	180
185	51.7	403.8	60,800	60,800	53.7	408.3	66,000	66,000	56.5	414.0	74,100	74,100	185
190	50.3	399.6	57,500	57,500	52.3	404.5	62,500	62,500	55.2	410.5	70,400	70,400	190
195	48.8	395.3	54,300	54,300	50.8	400.4	59,200	59,200	53.8	406.9	66,800	66,800	195
200	47.3	390.7	51,100	51,100	49.4	396.1	56,100	56,100	52.4	403.0	63,300	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-3

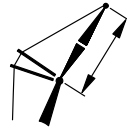
ASME B30.5



474,100 lb



196.9 ft



255.9 ft

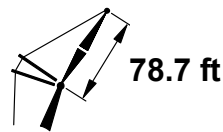
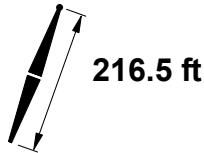
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.5	426.0	78,100	78,100									175
180	62.2	423.4	78,100	78,100									180
185	61.0	420.6	78,100	78,100									185
190	59.7	417.7	77,500	78,100									190
195	58.4	414.6	74,600	78,100									195
200	57.0	411.3	71,800	76,100									200
205	55.7	407.9	69,200	72,300									205
210	54.3	404.3	66,700	68,700	58.7	410.1	58,900	71,000					210
215	52.9	400.6	64,300	65,200	57.4	406.9	56,700	71,000					215
220	51.5	396.6	61,900	61,900	56.1	403.6	54,600	71,000					220
225	50.0	392.4	58,600	58,600	54.7	400.0	52,600	69,600					225
230	48.5	388.0	55,500	55,500	53.3	396.3	50,700	66,300					230
235	47.0	383.4	52,600	52,600	51.9	392.4	48,900	63,000					235
240	45.4	378.4	49,700	49,700	50.4	388.3	47,200	59,800					240
245	43.8	373.3	46,600	46,600	48.9	383.9	45,500	56,800	53.6	390.2	39,100	65,100	245
250	42.1	367.8	43,600	43,600	47.4	379.4	43,900	53,800	52.1	386.3	37,600	63,100	250
260	38.6	355.7	37,900	37,900	44.3	369.4	40,800	48,200	49.2	378.0	34,800	57,200	260
270	34.8	342.0	32,600	32,600	40.9	358.3	38,000	42,200	46.2	368.6	32,200	51,600	270
280	30.6	326.1	27,800	27,800	37.3	345.7	35,400	36,700	42.9	358.3	29,800	46,100	280
290	25.8	306.9	23,200	23,200	33.4	331.3	31,500	31,500	39.5	346.6	27,500	40,400	290
300	19.8	282.4	18,900	18,900	29.0	314.3	26,800	26,800	35.8	333.3	25,400	35,000	300
310	11.1	244.6	14,600	14,600	23.8	293.6	22,300	22,300	31.7	317.9	23,400	30,100	310
320					17.2	266.0	18,100	18,100	27.0	299.7	21,600	25,500	320
330					4.8	211.5	13,800	13,800	21.4	276.7	19,800	21,200	330
340									13.7	243.8	17,000	17,000	340

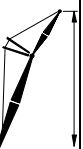
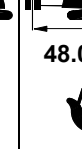
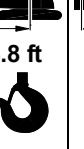
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



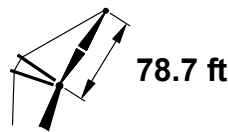
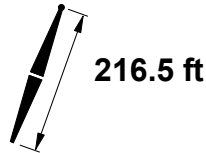
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
55	70.5	297.5	267,800 d	267,800 d									55
60	66.5	295.3	251,600 c	251,600 c									60
65	62.4	292.7	228,500 c	228,500 c	68.6	295.6	273,500 c	273,500 c					65
70	58.1	289.6	209,600 b	209,600 b	64.5	293.2	261,500 c	261,500 c					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	264,600 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	253,600 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	240,400 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	225,200 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	211,700	212,100	100
105					27.1	256.6	159,000	159,000	42.3	272.4	198,000	198,000	105
110					16.2	242.6	153,800	153,800	36.3	265.9	186,100	186,100	110
115									29.2	257.4	176,300	176,300	115
120									19.6	245.3	168,800	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

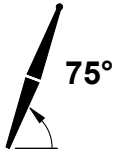
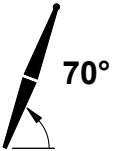
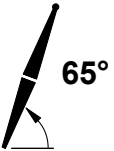
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



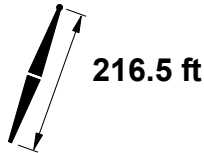
	 75°				 70°				 65°					
														
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55														55
60														60
65														65
70														70
75														75
80														80
85														85
90														90
95														95
100														100
105														105
110	60.2		284.1	188,400 b	238,600 b									110
115	55.8		280.8	178,100 b	227,700 b									115
120	51.1		276.8	168,800	216,900									120
125	46.1		272.0	160,400	206,200									125
130	40.6		266.4	152,600	195,800	58.5	277.0	143,700 b	188,600 b					130
135	34.4		259.3	145,500	185,500	54.1	273.4	137,000	180,000					135
140	26.7		250.1	138,900	175,200	49.3	269.2	130,900	172,200					140
145	15.6		235.7	132,700	164,400	44.1	264.1	125,200	164,900					145
150						38.3	258.0	119,900	158,100					150
155						31.7	250.3	114,900	151,800	51.7	264.0	107,300	144,800	155
160						23.2	239.7	110,300	145,800	46.8	259.3	103,100	139,200	160
165						6.9	218.0	105,600	140,000	41.3	253.8	99,000	134,000	165
170										35.2	246.9	95,200	129,000	170
175										27.7	238.0	91,600	124,400	175
										17.3	224.7	88,100	119,900	175

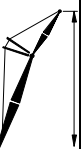
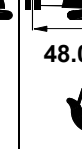
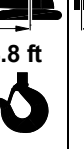
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



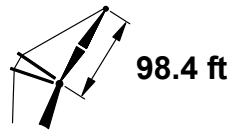
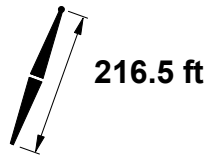
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
60	71.5	316.6	239,400 c	239,400 c									60
65	68.3	314.6	230,900 b	230,900 b									65
70	65.1	312.3	210,700 b	210,700 b	69.9	314.8	242,600 c	242,600 c					70
75	61.8	309.6	194,000 b	194,000 b	66.8	312.7	238,500 b	238,500 b					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	239,900 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	231,500 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	222,500	222,500	95
100	43.0	289.2	141,200	141,200	49.2	296.0	166,100	166,100	57.6	303.1	210,600	213,100	100
105	38.3	283.0	134,600	134,600	45.2	291.1	156,700	156,700	54.0	299.5	198,600	203,900	105
110	33.1	275.6	129,100	129,100	40.8	285.4	148,600	148,600	50.2	295.4	187,800	190,400	110
115	27.0	266.4	124,700	124,700	35.9	278.7	141,800	141,800	46.2	290.6	178,000	178,600	115
120	19.0	253.6	121,700	121,700	30.3	270.5	136,000	136,000	41.9	285.2	168,400	168,400	120
125					23.5	259.9	131,400	131,400	37.2	278.7	159,800	159,800	125
130					13.4	243.4	128,700	128,700	31.8	271.0	152,400	152,400	130
135									25.4	261.2	146,300	146,300	135
140									16.6	246.9	139,800	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-3

ASME B30.5



474,100 lb



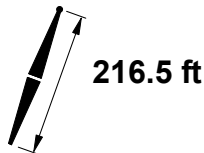
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	63.4	304.0	176,800 b	218,100 b									110
115	60.0	301.1	167,600	209,900									115
120	56.6	297.8	159,200	201,600									120
125	52.9	294.1	151,500	193,300									125
130	49.1	289.8	144,500	185,100									130
135	45.0	284.8	138,000	176,900	58.7	294.0	129,500	170,800					135
140	40.6	279.1	132,100	169,000	55.2	290.5	123,900	163,600					140
145	35.7	272.3	126,500	161,300	51.5	286.6	118,700	156,900					145
150	30.1	264.1	121,300	153,600	47.6	282.1	113,800	150,700					150
155	23.2	253.4	116,400	145,800	43.4	276.9	109,300	144,900					155
160	12.8	236.3	111,800	137,400	38.8	270.8	105,100	139,400	53.4	281.2	97,200	132,600	160
165					33.6	263.5	101,100	134,400	49.6	277.0	93,500	127,800	165
170					27.6	254.5	97,400	129,500	45.5	272.1	90,000	123,300	170
175					19.9	242.2	93,800	125,000	41.1	266.5	86,800	119,000	175
180									36.3	259.9	83,600	115,000	180
185									30.8	251.8	80,700	111,100	185
190									24.1	241.5	77,800	107,500	190
195									14.5	225.8	74,900	103,900	195

MLC300 VPC-MAX S-3

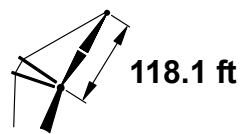
ASME B30.5



474,100 lb



216.5 ft



118.1 ft

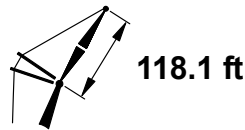
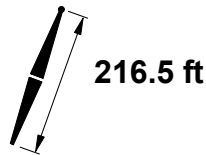
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	72.1	335.7	216,300 b	216,300 b									65
70	69.5	333.8	209,900 b	209,900 b									70
75	66.9	331.7	194,100	194,100	70.9	334.0	220,500 b	220,500 b					75
80	64.2	329.3	179,500	179,500	68.2	332.0	217,200	217,200					80
85	61.4	326.6	167,100	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	219,200	219,200	90
95	55.7	320.1	147,100	147,100	60.1	324.2	178,500	178,500	66.3	328.5	212,100	212,100	95
100	52.6	316.3	139,000	139,000	57.2	321.0	166,800	166,800	63.6	326.0	204,400	204,400	100
105	49.4	312.1	131,900	131,900	54.2	317.4	156,700	156,700	60.8	323.2	196,100	196,800	105
110	46.1	307.3	125,700	125,700	51.1	313.4	147,900	147,900	57.9	320.1	185,300	189,100	110
115	42.5	301.9	120,100	120,100	47.8	308.9	140,200	140,200	55.0	316.6	175,600	181,700	115
120	38.7	295.8	115,300	115,300	44.4	303.9	133,500	133,500	51.9	312.7	166,700	171,400	120
125	34.5	288.7	111,200	111,200	40.7	298.2	127,600	127,600	48.7	308.3	158,700	161,600	125
130	29.7	280.3	107,700	107,700	36.7	291.6	122,500	122,500	45.3	303.4	151,300	153,100	130
135	24.1	269.8	105,100	105,100	32.2	283.9	118,100	118,100	41.7	297.9	144,500	145,600	135
140	16.7	255.3	103,500	103,500	27.1	274.7	114,400	114,400	37.7	291.6	138,200	139,100	140
145					20.8	262.7	111,600	111,600	33.4	284.2	132,100	132,100	145
150					11.2	243.5	100,800	100,800	28.5	275.4	124,400	124,400	150
155									22.6	264.3	117,400	117,400	155
160									14.3	248.0	110,800	110,800	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
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215													215

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



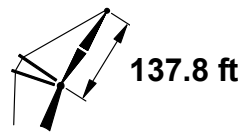
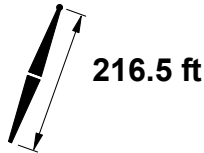
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.7	320.9	156,300	193,300									120
125	59.9	318.0	148,700	186,600									125
130	57.1	314.8	141,700	179,900									130
135	54.1	311.2	135,300	173,100									135
140	51.0	307.2	129,400	166,400									140
145	47.7	302.7	124,000	159,900	58.9	311.0	115,500	153,900					145
150	44.2	297.6	118,900	153,400	55.9	307.6	110,700	147,700					150
155	40.5	291.9	114,100	147,100	52.9	303.8	106,300	142,000					155
160	36.5	285.3	109,700	138,300	49.7	299.6	102,200	136,700					160
165	32.1	277.5	105,500	130,100	46.4	294.9	98,300	131,600					165
170	26.9	268.2	101,600	122,700	42.9	289.6	94,600	126,900					170
175	20.5	256.0	97,800	115,800	39.0	283.5	91,100	122,500	51.3	294.3	82,700	116,000	175
180	10.7	236.3	94,200	109,200	34.9	276.6	87,800	118,300	48.1	289.9	79,700	112,100	180
185					30.2	268.3	84,700	114,400	44.7	284.9	76,800	108,300	185
190					24.7	258.1	81,600	110,600	41.0	279.2	74,100	104,800	190
195					17.5	244.1	78,700	107,000	37.0	272.8	71,500	101,400	195
200									32.6	265.2	69,000	98,300	200
205									27.6	256.1	66,700	95,200	205
210									21.4	244.3	64,300	92,300	210
215									12.3	226.3	62,000	89,400	215

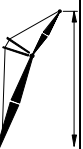
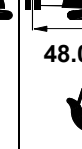
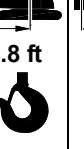
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



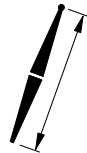
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
70	72.6	354.8	191,600 b	191,600 b									70
75	70.4	353.0	190,400	190,400									75
80	68.1	351.0	181,600	181,600	71.5	353.1	191,000	191,000					80
85	65.8	348.8	168,400	168,400	69.3	351.2	189,600	189,600					85
90	63.5	346.3	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	182,400	182,400	100
105	56.2	337.1	131,300	131,300	60.0	341.2	152,000	152,000	65.3	345.5	173,100	173,100	105
110	53.6	333.5	124,600	124,600	57.5	338.0	143,700	143,700	63.0	343.0	164,000	164,000	110
115	51.0	329.4	118,700	118,700	55.0	334.5	136,100	136,100	60.6	340.2	155,300	155,300	115
120	48.2	325.0	113,500	113,500	52.4	330.7	128,900	128,900	58.1	337.1	147,000	147,000	120
125	45.3	320.1	108,800	108,800	49.6	326.5	122,200	122,200	55.6	333.7	139,200	139,200	125
130	42.2	314.7	104,600	104,600	46.8	321.8	115,900	115,900	53.0	329.9	131,900	131,900	130
135	38.9	308.6	100,900	100,900	43.8	316.7	110,000	110,000	50.3	325.8	124,900	124,900	135
140	35.4	301.7	96,400	96,400	40.6	310.9	104,600	104,600	47.5	321.3	118,500	118,500	140
145	31.5	293.8	91,800	91,800	37.2	304.5	99,600	99,600	44.6	316.2	112,500	112,500	145
150	27.1	284.4	87,600	87,600	33.6	297.1	94,700	94,700	41.5	310.6	106,900	106,900	150
155	21.8	272.8	83,600	83,600	29.4	288.6	90,300	90,300	38.1	304.4	101,700	101,700	155
160	14.8	256.6	80,100	80,100	24.7	278.3	86,200	86,200	34.5	297.3	96,700	96,700	160
165					18.7	264.9	82,400	82,400	30.5	289.1	92,200	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-3

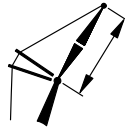
ASME B30.5



474,100 lb



216.5 ft



137.8 ft

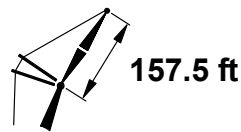
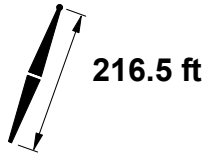
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.3	337.9	140,400	161,000									130
135	59.9	335.0	134,000	153,100									135
140	57.4	331.8	128,200	145,400									140
145	54.9	328.3	122,700	137,900									145
150	52.3	324.5	117,700	130,800									150
155	49.5	320.2	113,000	124,200	58.9	327.9	104,400	140,600					155
160	46.7	315.5	108,600	117,800	56.5	324.6	100,300	135,300					160
165	43.7	310.4	104,500	111,900	53.9	321.0	96,400	130,300					165
170	40.5	304.6	100,600	106,500	51.2	317.0	92,800	125,700					170
175	37.1	298.1	97,000	101,200	48.5	312.6	89,400	121,300					175
180	33.4	290.7	93,500	96,400	45.6	307.7	86,200	116,100					180
185	29.3	282.1	90,300	91,900	42.5	302.3	83,100	110,400	52.6	311.6	74,900	106,900	185
190	24.5	271.7	87,200	87,700	39.2	296.3	80,200	105,100	49.9	307.4	72,300	103,400	190
195	18.5	258.2	83,800	83,800	35.7	289.5	77,400	100,100	47.0	302.8	69,700	100,100	195
200	8.8	235.6	80,300	80,300	31.9	281.7	74,800	95,400	44.1	297.7	67,300	97,000	200
205					27.5	272.5	72,200	91,000	40.9	292.0	65,000	94,000	205
210					22.4	261.1	69,800	86,900	37.5	285.6	62,800	91,200	210
215					15.6	245.6	67,400	83,200	33.9	278.3	60,700	88,500	215
220									29.8	269.9	58,700	85,900	220
225									25.1	259.7	56,800	83,400	225
230									19.3	246.7	54,800	81,000	230
235									10.5	226.2	52,900	78,600	235

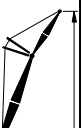
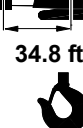
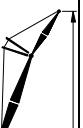
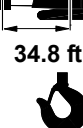
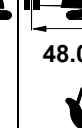
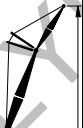
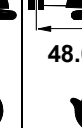
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



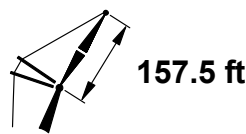
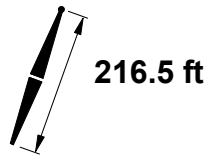
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	ft
75	72.9	373.9	170,000	170,000									75
80	71.0	372.2	169,700	169,700									80
85	69.0	370.2	169,100	169,100	72.0	372.2	169,100	169,100					85
90	67.1	368.1	157,600	157,600	70.0	370.4	169,100	169,100					90
95	65.1	365.8	147,500	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	165,800	165,800	105
110	58.8	357.4	123,900	123,900	62.0	361.0	151,800	151,800	66.6	364.9	165,800	165,800	110
115	56.6	354.2	117,700	117,700	59.9	358.2	142,700	142,700	64.6	362.6	165,600	165,600	115
120	54.4	350.6	112,200	112,200	57.8	355.0	134,800	134,800	62.5	360.0	160,600	160,600	120
125	52.1	346.7	107,200	107,200	55.6	351.6	127,800	127,800	60.5	357.1	154,900	155,500	125
130	49.7	342.5	102,800	102,800	53.3	347.9	121,600	121,600	58.3	354.0	147,600	150,500	130
135	47.3	337.9	98,800	98,800	51.0	343.8	116,100	116,100	56.1	350.7	140,800	145,400	135
140	44.7	332.9	95,100	95,100	48.5	339.4	111,100	111,100	53.9	347.1	134,600	139,100	140
145	42.0	327.4	91,800	91,800	46.0	334.7	106,700	106,700	51.6	343.1	128,900	130,800	145
150	39.1	321.3	88,900	88,900	43.4	329.4	102,700	102,700	49.2	338.8	123,200	123,200	150
155	36.1	314.6	86,300	86,300	40.6	323.7	99,100	99,100	46.7	334.1	116,300	116,300	155
160	32.8	307.0	84,100	84,100	37.7	317.3	95,900	95,900	44.1	329.0	110,000	110,000	160
165	29.1	298.3	82,100	82,100	34.5	310.2	92,600	92,600	41.3	323.4	104,200	104,200	165
170	25.0	288.1	80,500	80,500	31.0	302.1	88,100	88,100	38.4	317.2	98,900	98,900	170
175	20.0	275.3	77,800	77,800	27.2	292.7	83,900	83,900	35.3	310.3	94,000	94,000	175
180	13.2	257.4	68,800	68,800	22.7	281.4	79,900	79,900	31.9	302.4	89,400	89,400	180
185					17.0	266.7	76,100	76,100	28.2	293.4	85,100	85,100	185
190					7.8	241.9	64,800	64,800	23.9	282.7	81,100	81,100	190
195									18.6	269.2	77,200	77,200	195
200									11.0	248.8	72,300	72,300	200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



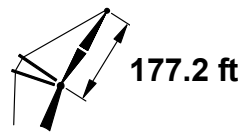
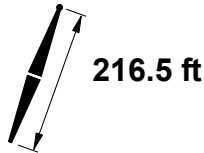
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	64.0	357.5	131,100	155,500									135
140	61.9	354.9	125,200	152,900									140
145	59.8	352.0	119,800	148,600									145
150	57.7	348.8	114,800	144,100									150
155	55.5	345.4	110,200	139,600									155
160	53.2	341.6	105,800	135,200									160
165	50.9	337.6	101,700	128,700									165
170	48.4	333.2	97,900	121,300	56.8	341.6	88,700	122,600					170
175	45.9	328.4	94,300	114,600	54.6	338.1	85,300	118,300					175
180	43.3	323.1	90,900	108,500	52.3	334.2	82,200	114,200					180
185	40.5	317.3	87,700	102,900	49.9	330.1	79,100	110,400					185
190	37.5	310.9	84,700	97,700	47.5	325.5	76,300	106,700					190
195	34.4	303.8	81,800	92,800	44.9	320.5	73,600	103,300	53.5	328.8	65,500	97,000	195
200	30.9	295.6	79,000	88,300	42.2	315.1	71,000	100,000	51.1	324.8	63,200	94,000	200
205	27.0	286.2	76,300	84,100	39.4	309.1	68,600	96,900	48.7	320.4	61,000	91,000	205
210	22.5	274.8	73,700	80,200	36.4	302.4	66,200	93,900	46.2	315.6	58,800	88,200	210
215	16.8	260.0	71,200	76,400	33.1	294.9	64,000	91,100	43.6	310.4	56,800	85,600	215
220	7.2	234.1	68,600	72,600	29.5	286.3	61,800	86,900	40.8	304.7	54,800	83,000	220
225					25.4	276.2	59,700	82,800	37.9	298.4	52,900	80,600	225
230					20.5	263.8	57,700	79,000	34.8	291.3	51,100	78,300	230
235					14.0	246.6	55,700	75,200	31.3	283.3	49,400	76,000	235
240									27.5	274.1	47,700	73,900	240
245									23.1	263.0	46,100	71,800	245
250									17.6	248.7	44,500	69,800	250

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



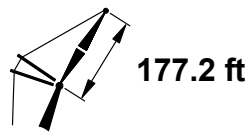
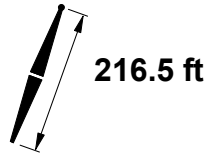
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80	73.2	393.0	147,700	147,700									80
85	71.5	391.3	147,600	147,600									85
90	69.8	389.4	142,500	142,500									90
95	68.0	387.4	134,300	134,300	70.6	389.5	146,700	146,700					95
100	66.2	385.2	126,600	126,600	68.9	387.6	139,100	139,100					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-3

ASME B30.5



474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	63.5	374.5	116,100	116,100									145
150	61.7	371.8	109,800	109,800									150
155	59.8	368.9	103,800	103,800									155
160	57.9	365.8	98,000	98,000									160
165	55.9	362.4	92,600	92,600									165
170	53.9	358.8	87,400	87,400									170
175	51.9	354.9	82,600	82,600									175
180	49.8	350.7	78,000	78,000	57.1	358.6	80,300	95,400					180
185	47.6	346.1	73,700	73,700	55.2	355.2	77,300	90,400					185
190	45.3	341.2	69,600	69,600	53.2	351.4	74,500	85,500					190
195	43.0	335.9	65,800	65,800	51.1	347.4	71,900	80,900					195
200	40.5	330.1	62,200	62,200	48.9	343.1	69,300	76,500					200
205	37.9	323.7	58,800	58,800	46.7	338.4	66,900	72,300					205
210	35.1	316.8	55,600	55,600	44.4	333.3	64,600	68,400	52.1	342.0	57,000	82,600	210
215	32.1	309.0	52,600	52,600	42.0	327.8	62,400	64,700	50.0	337.8	55,000	78,400	215
220	28.8	300.1	49,800	49,800	39.5	321.8	60,300	61,200	47.8	333.3	53,000	74,300	220
225	25.1	289.9	47,100	47,100	36.8	315.3	57,900	57,900	45.6	328.5	51,200	70,400	225
230	20.8	277.6	44,500	44,500	34.0	308.0	54,800	54,800	43.2	323.2	49,400	66,600	230
235	15.3	261.4	42,100	42,100	30.9	299.8	51,900	51,900	40.8	317.5	47,800	63,000	235
240	5.6	231.7	39,900	39,900	27.5	290.5	49,000	49,000	38.2	311.2	46,100	59,700	240
245					23.6	279.6	46,400	46,400	35.4	304.3	44,600	56,500	245
250					18.9	266.1	43,900	43,900	32.5	296.6	43,100	53,500	250
260									25.6	277.9	40,200	47,900	260
270									16.1	250.3	37,500	43,000	270

MLC300 VPC-MAX S-3

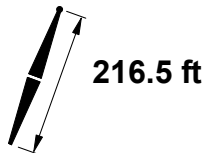
ASME B30.5



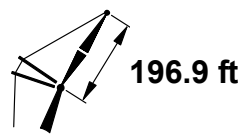
474,100 lb



360°



216.5 ft



196.9 ft

	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85	73.4	412.0	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	126,200	126,200	125
130	59.0	391.4	101,400	101,400	61.5	395.0	124,400	124,400	65.2	399.0	126,200	126,200	130
135	57.2	388.1	97,100	97,100	59.8	392.1	118,100	118,100	63.6	396.6	126,200	126,200	135
140	55.5	384.7	93,100	93,100	58.1	389.0	112,400	112,400	61.9	393.9	126,200	126,200	140
145	53.6	381.0	89,500	89,500	56.4	385.6	107,300	107,300	60.3	391.0	124,700	124,700	145
150	51.8	377.1	86,200	86,200	54.6	382.1	102,700	102,700	58.6	388.0	119,600	119,900	150
155	49.9	372.9	83,100	83,100	52.8	378.3	98,500	98,500	56.8	384.7	113,000	113,000	155
160	47.9	368.4	80,400	80,400	50.9	374.2	94,200	94,200	55.0	381.2	106,700	106,700	160
165	45.9	363.6	77,800	77,800	49.0	369.9	89,400	89,400	53.2	377.5	100,900	100,900	165
170	43.8	358.5	75,400	75,400	47.0	365.3	84,900	84,900	51.4	373.5	95,600	95,600	170
175	41.7	352.9	73,200	73,200	44.9	360.3	80,700	80,700	49.5	369.3	90,700	90,700	175
180	39.4	346.9	71,300	71,300	42.8	354.9	76,900	76,900	47.5	364.7	86,100	86,100	180
185	37.0	340.3	68,100	68,100	40.6	349.2	73,200	73,200	45.4	359.8	81,900	81,900	185
190	34.4	333.1	65,000	65,000	38.2	342.9	69,800	69,800	43.3	354.5	77,900	77,900	190
195	31.7	325.2	62,100	62,100	35.8	336.0	66,600	66,600	41.1	348.9	74,300	74,300	195
200	28.7	316.3	59,300	59,300	33.1	328.5	63,600	63,600	38.8	342.7	70,800	70,800	200
205	25.5	306.2	56,600	56,600	30.3	320.2	60,800	60,800	36.4	336.1	67,600	67,600	205
210	21.7	294.3	54,100	54,100	27.2	310.7	58,100	58,100	33.8	328.7	64,500	64,500	210
215	17.1	279.4	51,700	51,700	23.7	299.8	55,500	55,500	31.0	320.6	61,600	61,600	215
220	10.7	257.9	44,200	44,200	19.6	286.7	53,000	53,000	28.0	311.5	58,900	58,900	220
225					14.4	269.4	50,400	50,400	24.6	301.0	56,200	56,200	225
230					4.8	236.9	41,200	41,200	20.7	288.5	53,700	53,700	230
235									15.9	272.6	51,300	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-3

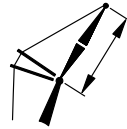
ASME B30.5



474,100 lb



216.5 ft



196.9 ft

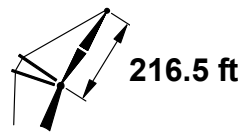
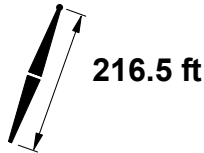
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.1	391.5	104,600	118,500									155
160	61.4	388.8	100,300	118,500									160
165	59.8	385.9	96,200	118,500									165
170	58.0	382.7	92,400	116,600									170
175	56.3	379.4	88,800	111,200									175
180	54.5	375.9	85,400	105,100									180
185	52.7	372.1	82,200	99,400									185
190	50.8	368.0	79,200	94,300	57.4	375.6	70,100	102,200					190
195	48.9	363.7	76,300	89,500	55.6	372.2	67,500	98,800					195
200	46.9	359.0	73,600	85,000	53.8	368.5	65,000	95,600					200
205	44.8	354.0	71,000	80,900	52.0	364.7	62,600	92,500					205
210	42.7	348.6	68,500	77,000	50.1	360.5	60,300	89,600					210
215	40.5	342.8	66,100	73,400	48.1	356.0	58,200	86,800					215
220	38.1	336.5	63,900	70,000	46.1	351.2	56,100	83,500	52.9	359.2	48,600	78,400	220
225	35.7	329.7	61,700	66,800	44.0	346.1	54,100	79,500	51.0	355.2	46,800	76,000	225
230	33.0	322.1	59,600	63,800	41.9	340.6	52,200	75,800	49.1	350.9	45,100	73,800	230
235	30.2	313.7	57,600	61,000	39.6	334.6	50,400	72,200	47.1	346.2	43,400	71,600	235
240	27.1	304.2	55,700	58,300	37.2	328.1	48,700	68,900	45.1	341.3	41,800	69,500	240
245	23.5	293.3	53,800	55,700	34.7	321.0	47,000	65,800	43.0	336.0	40,300	67,500	245
250	19.4	280.0	52,000	53,200	32.0	313.1	45,400	62,900	40.7	330.2	38,800	65,600	250
260	3.8	227.6	48,200	48,200	25.8	294.4	42,300	57,500	36.0	317.2	36,100	62,000	260
270					17.6	268.1	39,400	52,500	30.5	301.4	33,500	58,700	270
280									24.0	281.3	31,100	55,600	280
290									14.8	251.6	28,700	51,500	290

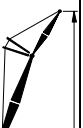
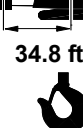
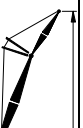
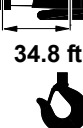
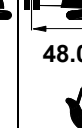
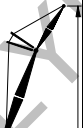
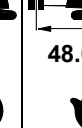
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



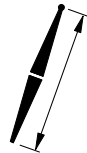
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
90	73.6	431.1	113,200	113,200									90
95	72.2	429.5	113,100	113,100									95
100	70.8	427.7	112,900	112,900									100
105	69.4	425.8	112,700	112,700	71.5	427.8	112,000	112,000					105
110	67.9	423.8	112,300	112,300	70.1	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	109,000	109,000	140
145	57.4	405.1	88,900	88,900	59.8	409.0	108,600	108,600	63.2	413.5	109,000	109,000	145
150	55.8	401.7	85,500	85,500	58.2	405.9	103,400	103,400	61.7	410.8	109,000	109,000	150
155	54.2	398.1	82,300	82,300	56.7	402.6	98,000	98,000	60.2	408.0	109,000	109,000	155
160	52.5	394.3	79,500	79,500	55.0	399.2	92,800	92,800	58.6	404.9	105,300	105,300	160
165	50.8	390.3	76,800	76,800	53.4	395.4	88,000	88,000	57.1	401.7	99,500	99,500	165
170	49.1	386.0	74,300	74,300	51.7	391.5	83,600	83,600	55.5	398.3	94,200	94,200	170
175	47.3	381.4	72,000	72,000	50.0	387.3	79,500	79,500	53.8	394.6	89,300	89,300	175
180	45.4	376.5	69,900	69,900	48.2	382.9	75,600	75,600	52.1	390.7	84,800	84,800	180
185	43.5	371.2	67,000	67,000	46.4	378.1	72,100	72,100	50.4	386.6	80,600	80,600	185
190	41.5	365.6	63,900	63,900	44.5	373.1	68,700	68,700	48.7	382.2	76,700	76,700	190
195	39.5	359.6	61,000	61,000	42.6	367.7	65,500	65,500	46.9	377.6	73,100	73,100	195
200	37.3	353.1	58,300	58,300	40.5	361.9	62,600	62,600	45.0	372.6	69,600	69,600	200
205	35.0	346.1	55,700	55,700	38.4	355.7	59,800	59,800	43.1	367.3	66,400	66,400	205
210	32.6	338.4	53,300	53,300	36.2	348.9	57,100	57,100	41.1	361.6	63,400	63,400	210
215	30.0	330.0	50,900	50,900	33.9	341.6	54,600	54,600	39.0	355.5	60,600	60,600	215
220	27.2	320.5	48,700	48,700	31.3	333.5	52,200	52,200	36.8	348.9	57,900	57,900	220
225	24.0	309.7	46,300	46,300	28.6	324.6	49,900	49,900	34.5	341.7	55,300	55,300	225
230	20.4	296.9	43,700	43,700	25.7	314.5	47,700	47,700	32.0	333.9	52,900	52,900	230
235	16.0	281.0	41,200	41,200	22.3	302.9	45,500	45,500	29.4	325.2	50,600	50,600	235
240	9.6	257.6	35,100	35,100	18.4	288.8	42,900	42,900	26.5	315.4	48,300	48,300	240
245					13.3	270.3	40,400	40,400	23.2	304.3	46,200	46,200	245
250					2.9	231.4	32,500	32,500	19.4	290.9	44,100	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-3

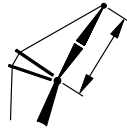
ASME B30.5



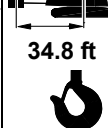
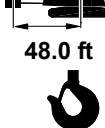
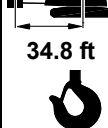
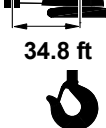
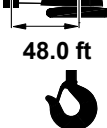
474,100 lb



216.5 ft



216.5 ft

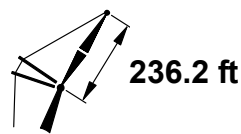
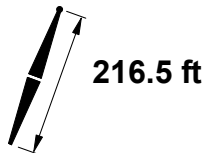
	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
90														90
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170	62.8	408.5	93,900	101,400										170
175	61.3	405.7	90,100	101,400										175
180	59.7	402.8	86,500	101,400										180
185	58.2	399.7	83,200	101,400										185
190	56.6	396.4	80,000	98,000										190
195	55.0	392.9	77,000	92,900										195
200	53.3	389.2	74,100	88,100										200
205	51.6	385.3	71,400	83,700	57.6	392.6	62,600	93,500						205
210	49.9	381.1	68,800	79,600	56.0	389.2	60,200	90,800						210
215	48.1	376.6	66,400	75,800	54.4	385.6	58,000	87,900						215
220	46.3	371.9	64,000	72,200	52.7	381.8	55,900	85,100						220
225	44.4	366.8	61,800	68,800	51.0	377.8	53,800	82,200						225
230	42.5	361.4	59,600	65,700	49.2	373.5	51,900	78,200						230
235	40.5	355.6	57,600	62,700	47.5	369.0	50,000	74,500	53.5	376.3	42,600	72,000		235
240	38.3	349.3	55,600	59,900	45.6	364.1	48,200	71,000	51.8	372.4	41,000	69,800		240
245	36.1	342.6	53,700	57,300	43.7	358.9	46,500	67,800	50.1	368.3	39,400	67,800		245
250	33.8	335.2	51,900	54,800	41.7	353.3	44,800	64,700	48.4	363.8	37,900	65,800		250
255	31.2	327.1	50,200	52,400	39.7	347.4	43,300	61,800	46.5	359.1	36,500	63,900		255
260	25.5	308.0	46,900	47,900	35.2	333.9	40,300	56,500	42.7	348.7	33,800	60,300		260
270	18.2	282.1	43,800	43,800	30.2	317.9	37,500	51,600	38.6	336.8	31,300	57,100		270
280					24.3	297.9	34,800	47,300	34.0	322.8	28,900	54,000		280
290					16.4	269.8	32,300	43,200	28.9	305.9	26,700	50,700		290
300									22.6	284.5	24,600	46,400		300
310									13.8	252.6	22,500	42,400		310

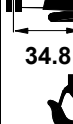
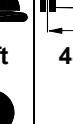
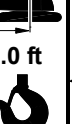
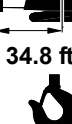
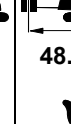
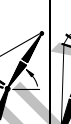
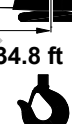
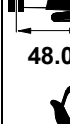
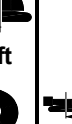
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



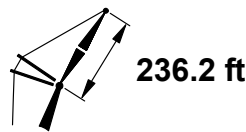
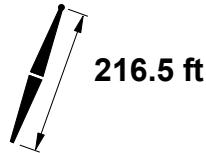
	 85°				 83°				 80°							
																
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	°	ft	ft
95	73.7		450.1	98,200	98,200											95
100	72.4		448.5	98,000	98,000											100
105	71.2		446.8	97,800	97,800											105
110	69.9		445.0	97,500	97,500	71.8	446.9	96,700	96,700							110
115	68.6		443.0	97,200	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	93,500	93,500			155
160	56.1		418.8	79,300	79,300	58.3	422.9	90,200	90,200	61.5	427.8	93,500	93,500			160
165	54.7		415.2	76,600	76,600	56.9	419.6	87,900	87,900	60.1	424.9	92,700	92,700			165
170	53.1		411.5	74,000	74,000	55.4	416.2	83,600	83,600	58.7	421.9	91,200	91,200			170
175	51.6		407.5	71,600	71,600	53.9	412.6	79,500	79,500	57.3	418.7	89,400	89,400			175
180	50.0		403.4	69,400	69,400	52.4	408.7	75,600	75,600	55.8	415.3	84,900	84,900			180
185	48.4		398.9	66,900	66,900	50.8	404.7	72,000	72,000	54.3	411.7	80,600	80,600			185
190	46.7		394.3	63,900	63,900	49.2	400.4	68,700	68,700	52.8	407.9	76,700	76,700			190
195	45.0		389.3	61,000	61,000	47.6	395.8	65,500	65,500	51.2	403.9	73,000	73,000			195
200	43.3		384.0	58,300	58,300	45.9	391.0	62,500	62,500	49.6	399.7	69,600	69,600			200
205	41.4		378.4	55,700	55,700	44.2	385.9	59,700	59,700	48.0	395.2	66,400	66,400			205
210	39.5		372.4	53,200	53,200	42.4	380.4	57,100	57,100	46.3	390.5	63,400	63,400			210
215	37.6		366.0	50,900	50,900	40.5	374.6	54,600	54,600	44.6	385.4	60,500	60,500			215
220	35.5		359.0	48,700	48,700	38.6	368.4	52,200	52,200	42.8	380.1	57,800	57,800			220
225	33.3		351.5	46,500	46,500	36.6	361.8	49,900	49,900	41.0	374.4	55,300	55,300			225
230	31.0		343.4	44,000	44,000	34.4	354.6	47,700	47,700	39.1	368.3	52,900	52,900			230
235	28.5		334.4	41,500	41,500	32.2	346.8	45,700	45,700	37.1	361.7	50,600	50,600			235
240	25.8		324.3	39,200	39,200	29.8	338.2	43,200	43,200	35.0	354.7	48,400	48,400			240
245	22.7		312.9	36,900	36,900	27.2	328.8	40,800	40,800	32.8	347.0	46,300	46,300			245
250	19.2		299.3	34,800	34,800	24.3	318.1	38,500	38,500	30.4	338.7	44,300	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

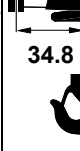
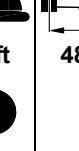
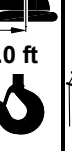
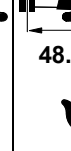
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



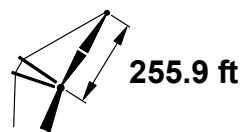
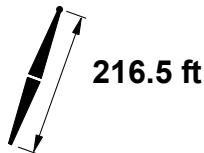
	75°				70°				65°					
 ft	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 °	 ft	 lb	 lb	 ft	
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170	63.9	428.1	86,300	86,300										170
175	62.5	425.4	85,500	86,300										175
180	61.1	422.7	82,100	86,300										180
185	59.7	419.8	79,000	86,300										185
190	58.3	416.7	76,000	86,300										190
195	56.8	413.4	73,200	86,300										195
200	55.4	410.0	70,500	83,700										200
205	53.9	406.3	67,900	79,600										205
210	52.3	402.5	65,500	75,700	57.7	409.6	56,900	79,800						210
215	50.8	398.4	63,100	72,100	56.3	406.2	54,800	79,800						215
220	49.2	394.1	60,900	68,800	54.8	402.7	52,800	79,800						220
225	47.5	389.6	58,800	65,600	53.3	399.0	50,800	78,200						225
230	45.8	384.7	56,800	62,700	51.7	395.1	49,000	74,400						230
235	44.1	379.6	54,800	59,900	50.2	390.9	47,200	71,000						235
240	42.3	374.1	53,000	57,200	48.5	386.5	45,500	67,700						240
245	40.5	368.3	51,200	54,700	46.9	381.8	43,900	64,600	52.5	389.6	36,800	65,000	245	
250	38.5	362.1	49,500	52,300	45.2	376.9	42,300	61,700	51.0	385.6	35,400	63,100	250	
260	34.4	348.2	46,200	47,900	41.6	366.1	39,400	56,400	47.7	376.8	32,700	59,600	260	
270	29.7	331.8	43,200	43,900	37.8	353.7	36,700	51,600	44.3	366.9	30,300	56,300	270	
280	24.2	311.5	39,700	39,700	33.5	339.4	34,100	47,200	40.7	355.7	28,000	53,300	280	
290	17.1	284.0	35,200	35,200	28.7	322.4	31,700	43,300	36.7	342.9	25,800	50,500	290	
300					23.0	301.1	29,400	39,500	32.4	328.0	23,800	46,400	300	
310					15.4	271.3	27,200	35,000	27.4	310.1	21,900	42,500	310	
320									21.4	287.4	20,000	38,900	320	
330									12.8	253.3	18,200	34,600	330	

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



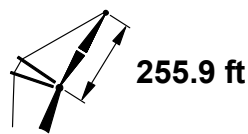
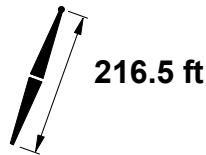
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.8	469.2	84,500	84,500									100
105	72.7	467.6	84,300	84,300									105
110	71.5	465.9	84,100	84,100									110
115	70.3	464.1	83,800	83,800									115
120	69.1	462.2	83,400	83,400	70.9	464.2	82,900	82,900					120
125	67.9	460.2	83,100	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	79,600	79,600	170
175	55.0	432.3	68,300	68,300	57.1	436.6	74,600	74,600	60.1	441.9	79,600	79,600	175
180	53.7	428.6	64,900	64,900	55.7	433.2	70,900	70,900	58.8	438.9	79,600	79,600	180
185	52.2	424.7	61,600	61,600	54.4	429.6	67,300	67,300	57.4	435.7	76,300	76,300	185
190	50.8	420.7	58,300	58,300	53.0	425.9	63,900	63,900	56.1	432.3	72,500	72,500	190
195	49.3	416.4	55,100	55,100	51.5	421.9	60,600	60,600	54.7	428.8	69,000	69,000	195
200	47.8	411.9	51,900	51,900	50.1	417.8	57,400	57,400	53.3	425.1	65,500	65,500	200
205	46.3	407.1	48,800	48,800	48.6	413.4	54,300	54,300	51.9	421.2	62,100	62,100	205
210	44.7	402.1	45,800	45,800	47.1	408.7	51,100	51,100	50.5	417.0	58,900	58,900	210
215	43.0	396.8	42,900	42,900	45.5	403.8	48,000	48,000	49.0	412.7	55,800	55,800	215
220	41.4	391.1	40,100	40,100	43.9	398.7	45,000	45,000	47.5	408.1	52,800	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-3

ASME B30.5



474,100 lb



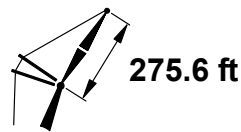
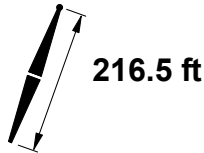
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	63.5	445.0	73,100	73,100									180
185	62.3	442.4	73,100	73,100									185
190	61.0	439.6	73,100	73,100									190
195	59.7	436.7	71,400	73,100									195
200	58.4	433.6	68,800	73,100									200
205	57.0	430.4	66,200	73,100									205
210	55.7	427.0	63,800	72,000									210
215	54.3	423.4	61,500	68,600									215
220	52.9	419.6	59,300	65,200	57.9	426.5	51,000	67,000					220
225	51.5	415.7	57,200	61,800	56.5	423.2	49,100	67,000					225
230	50.0	411.5	55,200	58,600	55.2	419.8	47,200	67,000					230
235	48.5	407.1	53,200	55,600	53.8	416.1	45,500	67,000					235
240	47.0	402.5	51,400	52,600	52.4	412.3	43,800	63,900					240
245	45.4	397.6	49,600	49,700	50.9	408.2	42,200	60,800					245
250	43.8	392.4	46,700	46,700	49.5	404.0	40,600	57,700					250
260	40.4	381.1	40,800	40,800	46.4	394.7	37,700	52,000	51.7	402.8	30,900	58,300	260
270	36.8	368.3	35,300	35,300	43.2	384.4	35,000	46,200	48.7	394.3	28,500	55,000	270
280	32.8	353.5	30,300	30,300	39.8	372.9	32,500	40,500	45.6	384.8	26,200	50,700	280
290	28.3	336.2	25,600	25,600	36.1	359.7	30,200	35,100	42.4	374.2	24,100	45,100	290
300	23.0	314.8	21,200	21,200	32.0	344.6	27,900	30,000	38.9	362.3	22,100	39,500	300
310	16.2	285.7	16,800	16,800	27.4	326.6	25,400	25,400	35.1	348.7	20,300	34,300	310
320					21.9	304.1	21,000	21,000	30.9	332.9	18,500	29,400	320
330					14.5	272.5	16,800	16,800	26.1	314.0	16,800	24,800	330
340									20.3	290.0	15,200	20,600	340
350									11.9	253.8	13,600	16,400	350

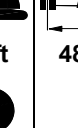
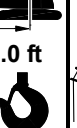
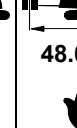
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
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	58,700	58,700	205
210	48.7	429.4	47,400	47,400	50.8	435.1	52,100	52,100	53.8	442.2	57,900	57,900	210
215	47.3	424.8	44,800	44,800	49.4	430.8	49,300	49,300	52.5	438.4	56,600	56,600	215
220	45.9	420.0	42,300	42,300	48.0	426.3	46,600	46,600	51.1	434.3	53,600	53,600	220
225	44.4	414.9	39,900	39,900	46.6	421.6	44,000	44,000	49.8	430.1	50,700	50,700	225
230	42.9	409.5	37,600	37,600	45.1	416.7	41,500	41,500	48.4	425.7	47,900	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-3

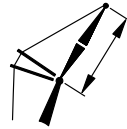
ASME B30.5



474,100 lb



216.5 ft



275.6 ft

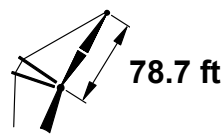
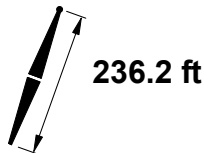
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190	63.2	462.0	61,300	61,300									190
195	62.1	459.4	61,300	61,300									195
200	60.9	456.6	61,300	61,300									200
205	59.7	453.7	61,300	61,300									205
210	58.5	450.6	61,200	61,200									210
215	57.2	447.4	60,300	60,300									215
220	56.0	444.0	58,300	59,500									220
225	54.7	440.5	56,200	58,700									225
230	53.4	436.8	54,200	57,900	58.0	443.5	46,100	55,800					230
235	52.1	432.9	52,300	56,400	56.7	440.2	44,400	55,800					235
240	50.7	428.8	50,400	53,400	55.5	436.8	42,700	55,800					240
245	49.4	424.5	48,700	50,600	54.2	433.2	41,100	55,800					245
250	48.0	420.1	47,000	47,800	52.9	429.4	39,600	55,800					250
260	45.1	410.4	42,600	42,600	50.2	421.3	36,700	52,600					260
270	42.0	399.6	37,900	37,900	47.4	412.4	34,000	47,200	52.2	420.0	27,300	50,800	270
280	38.8	387.7	33,400	33,400	44.5	402.5	31,500	42,100	49.5	411.7	25,100	50,800	280
290	35.3	374.1	29,300	29,300	41.4	391.6	29,200	37,400	46.7	402.6	23,000	46,000	290
300	31.4	358.6	25,200	25,200	38.1	379.3	27,000	33,100	43.8	392.5	21,100	41,100	300
310	27.1	340.3	21,300	21,300	34.6	365.4	25,000	29,000	40.6	381.2	19,200	36,600	310
320	22.0	317.8	17,400	17,400	30.7	349.4	23,100	25,000	37.3	368.6	17,500	32,300	320
330	15.3	287.1	13,400	13,400	26.2	330.5	21,100	21,100	33.6	354.2	15,900	28,400	330
340					20.9	306.9	17,200	17,200	29.6	337.6	14,300	24,500	340
350					13.6	273.5	13,400	13,400	25.0	317.7	12,900	20,600	350
360									19.3	292.4	11,400	16,800	360
370									11.1	254.0	10,000	13,000	370

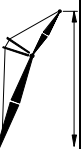
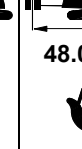
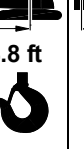
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



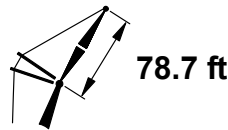
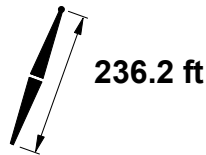
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
55	71.8	317.7	245,400 d	245,400 d									55
60	67.9	315.7	237,400 d	237,400 d									60
65	63.8	313.2	225,800 c	225,800 c	70.5	316.1	251,500 d	251,500 d					65
70	59.6	310.3	207,100 b	207,100 b	66.5	313.9	243,500 c	243,500 c					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	243,500 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	233,000 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	222,300 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	211,600 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	201,300 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	191,200	191,200	105
110					22.1	269.9	151,600	151,600	40.5	289.9	181,500	181,500	110
115									34.2	282.8	172,000	172,000	115
120									26.5	273.6	162,600	162,600	120
125									15.3	258.9	152,700	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-3

ASME B30.5



474,100 lb



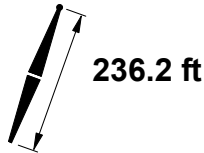
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.3	303.2	174,500 b	208,800 b									110
115	55.9	299.9	165,400 b	199,400 b									115
120	51.2	295.9	157,100	190,100									120
125	46.2	291.2	149,600	180,900									125
130	40.7	285.5	142,600	171,900									130
135	34.5	278.5	136,200	162,900	55.6	293.2	127,000 b	168,300 b					135
140	26.9	269.3	130,200	153,900	51.0	289.2	121,400	161,100					140
145	15.9	255.1	124,500	144,000	46.0	284.5	116,300	154,500					145
150					40.4	278.7	111,600	148,400					150
155					34.1	271.7	107,100	142,600	50.1	280.3	93,700	129,900	155
160					26.4	262.3	102,900	137,200	45.0	275.4	90,100	125,200	160
165					15.0	247.5	98,800	132,000	39.3	269.5	86,700	120,700	165
170									32.8	262.1	83,400	116,500	170
175									24.8	252.1	80,300	112,400	175
180									11.7	234.9	77,200	108,500	180
185													185

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



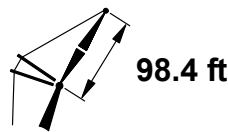
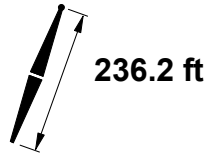
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
60	72.5	336.8	217,400 d	217,400 d									60
65	69.4	334.9	213,300 c	213,300 c									65
70	66.2	332.7	206,800 b	206,800 b	71.4	335.3	218,000 c	218,000 c					70
75	63.0	330.2	191,500 b	191,500 b	68.3	333.3	217,700 c	217,700 c					75
80	59.6	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	211,000 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	202,800 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	194,500	194,500	100
105	40.0	304.9	132,800	132,800	47.2	313.1	156,000	156,000	56.5	321.4	186,300	186,300	105
110	35.0	297.9	127,300	127,300	42.9	307.8	147,800	147,800	52.8	317.6	178,300	178,300	110
115	29.3	289.4	122,700	122,700	38.3	301.6	140,800	140,800	49.0	313.3	170,500	170,500	115
120	22.1	278.2	119,500	119,500	33.1	294.2	134,900	134,900	44.9	308.4	162,900	162,900	120
125	10.7	259.2	118,200	118,200	27.0	285.0	130,000	130,000	40.5	302.6	155,600	155,600	125
130					19.0	272.2	126,600	126,600	35.6	295.9	148,500	148,500	130
135									29.9	287.6	141,600	141,600	135
140									23.0	276.8	134,400	134,400	140
145									12.5	259.4	126,700	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-3

ASME B30.5



474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	63.5	323.0	164,000 b	191,000 b									115
120	60.1	320.2	155,800	183,800									120
125	56.6	316.9	148,300	176,600									125
130	53.0	313.1	141,400	169,300									130
135	49.2	308.9	135,100	162,100									135
140	45.1	303.9	129,300	155,100									140
145	40.7	298.2	123,800	148,200	56.4	310.3	114,600	153,200					145
150	35.8	291.5	118,800	141,400	52.8	306.5	110,000	147,100					150
155	30.2	283.3	114,000	134,600	48.9	302.2	105,600	141,400					155
160	23.3	272.6	109,600	127,700	44.8	297.2	101,500	136,100					160
165	13.1	255.8	105,300	119,800	40.4	291.5	97,700	131,200					165
170					35.5	284.7	94,000	126,500	52.1	297.7	84,800	119,300	170
175					29.8	276.4	90,600	122,100	48.2	293.3	81,700	115,200	175
180					22.9	265.5	87,300	117,900	44.1	288.2	78,800	111,300	180
185					12.3	248.0	84,000	111,400	39.6	282.2	76,000	107,600	185
190									34.5	275.2	73,300	104,100	190
195									28.7	266.5	70,700	100,800	195
200									21.4	255.0	68,200	97,600	200
205									8.9	234.1	65,600	94,400	205

MLC300 VPC-MAX S-3

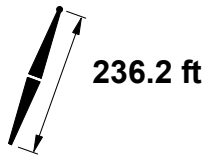
ASME B30.5



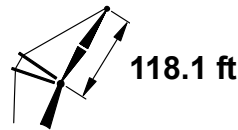
474,100 lb



360°



236.2 ft



118.1 ft

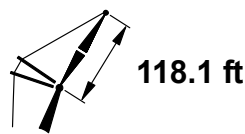
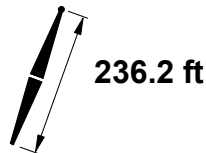
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.0	355.9	192,600 c	192,600 c									65
70	70.4	354.1	191,500 b	191,500 b									70
75	67.8	352.1	187,600	187,600									75
80	65.1	349.8	176,700	176,700	69.5	352.5	192,800 b	192,800 b					80
85	62.4	347.1	164,500	164,500	66.9	350.4	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	191,200	191,200	95
100	53.7	337.3	136,900	136,900	58.6	342.2	165,900	165,900	65.4	347.1	185,700	185,700	100
105	50.5	333.2	129,900	129,900	55.6	338.8	155,700	155,700	62.7	344.6	178,900	178,900	105
110	47.3	328.6	123,800	123,800	52.6	334.9	146,900	146,900	59.9	341.7	172,100	172,100	110
115	43.8	323.5	118,300	118,300	49.4	330.7	139,300	139,300	57.0	338.4	165,400	165,400	115
120	40.0	317.6	113,600	113,600	46.1	325.9	132,500	132,500	54.0	334.8	158,900	158,900	120
125	36.0	310.9	109,400	109,400	42.5	320.5	126,600	126,600	50.9	330.8	152,600	152,600	125
130	31.4	303.0	106,000	106,000	38.7	314.4	121,400	121,400	47.6	326.2	146,400	146,400	130
135	26.2	293.3	103,200	103,200	34.4	307.3	116,900	116,900	44.2	321.2	140,500	140,500	135
140	19.6	280.6	101,400	101,400	29.7	298.9	113,100	113,100	40.5	315.4	134,700	134,700	140
145	8.4	258.3	95,800	95,800	24.1	288.4	110,100	110,100	36.4	308.8	129,000	129,000	145
150					16.6	273.9	108,200	108,200	32.0	301.0	123,600	123,600	150
155									26.8	291.6	118,100	118,100	155
160									20.4	279.4	112,500	112,500	160
165									10.3	259.3	105,900	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-3

ASME B30.5



474,100 lb



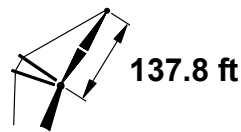
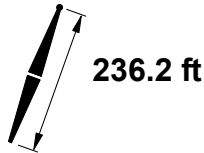
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.8	340.0	145,400	169,200									125
130	60.0	337.1	138,600	163,300									130
135	57.1	333.9	132,300	157,400									135
140	54.1	330.3	126,500	151,400									140
145	51.0	326.3	121,100	145,500									145
150	47.8	321.8	116,200	139,800									150
155	44.3	316.7	111,500	134,200	57.0	327.3	101,500	138,400					155
160	40.6	311.0	107,200	128,700	54.0	323.7	97,500	133,200					160
165	36.6	304.4	103,100	123,300	50.8	319.6	93,800	128,300					165
170	32.2	296.7	99,300	117,900	47.6	315.1	90,200	123,700					170
175	27.0	287.4	95,600	112,500	44.1	310.0	86,900	119,400					175
180	20.7	275.3	92,200	106,800	40.4	304.2	83,700	115,300	53.4	314.9	74,600	108,200	180
185	10.9	255.9	88,800	100,200	36.4	297.6	80,700	111,500	50.3	310.8	71,900	104,600	185
190					31.9	289.8	77,900	107,800	47.0	306.1	69,300	101,200	190
195					26.7	280.4	75,100	104,400	43.5	300.9	66,900	98,000	195
200					20.3	268.1	72,500	99,400	39.7	295.0	64,500	94,900	200
205					10.1	247.8	69,800	93,300	35.6	288.2	62,300	92,000	205
210									31.0	280.2	60,100	89,200	210
215									25.7	270.3	58,100	86,500	215
220									18.9	257.2	56,000	83,900	220
225									6.4	232.1	53,900	81,200	225

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
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	164,900	164,900	105
110	54.5	354.4	122,600	122,600	58.7	359.1	143,700	143,700	64.6	364.1	163,900	163,900	110
115	51.9	350.5	116,800	116,800	56.2	355.8	136,400	136,400	62.2	361.5	156,200	156,200	115
120	49.2	346.2	111,700	111,700	53.6	352.1	129,400	129,400	59.8	358.6	148,400	148,400	120
125	46.3	341.5	107,100	107,100	51.0	348.1	122,800	122,800	57.4	355.4	140,900	140,900	125
130	43.3	336.2	102,900	102,900	48.2	343.6	116,700	116,700	54.8	351.9	133,700	133,700	130
135	40.1	330.4	99,300	99,300	45.3	338.7	111,000	111,000	52.2	348.0	127,100	127,100	135
140	36.6	323.8	96,000	96,000	42.2	333.3	105,600	105,600	49.5	343.8	120,700	120,700	140
145	32.9	316.2	92,200	92,200	38.9	327.2	100,500	100,500	46.6	339.1	114,600	114,600	145
150	28.7	307.4	88,000	88,000	35.4	320.3	95,700	95,700	43.6	333.9	109,000	109,000	150
155	23.8	296.7	84,000	84,000	31.5	312.4	91,300	91,300	40.4	328.1	103,700	103,700	155
160	17.5	282.6	80,400	80,400	27.1	303.0	87,100	87,100	37.0	321.6	98,800	98,800	160
165	6.4	256.4	77,200	77,200	21.8	291.4	83,300	83,300	33.3	314.2	94,100	94,100	165
170					14.7	275.1	79,800	79,800	29.2	305.6	89,800	89,800	170
175									24.3	295.1	85,700	85,700	175
180									18.3	281.5	82,000	82,000	180
185									8.5	258.4	78,600	78,600	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

MLC300 VPC-MAX S-3

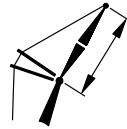
ASME B30.5



474,100 lb



236.2 ft



137.8 ft

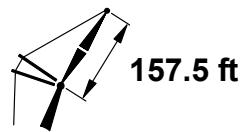
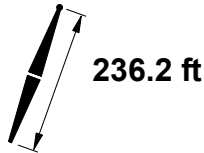
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.3	357.0	130,900	150,400									135
140	59.9	354.1	125,200	145,700									140
145	57.5	350.9	119,800	140,900									145
150	54.9	347.4	114,900	135,000									150
155	52.3	343.5	110,300	128,300									155
160	49.6	339.3	106,000	122,100									160
165	46.7	334.6	102,000	116,100	57.3	344.3	91,800	126,900					165
170	43.7	329.5	98,200	110,400	54.8	340.8	88,300	122,300					170
175	40.6	323.7	94,600	105,100	52.2	336.9	85,100	118,100					175
180	37.2	317.3	91,300	100,100	49.4	332.7	82,000	114,000					180
185	33.5	309.9	88,100	95,400	46.6	328.0	79,000	110,300					185
190	29.3	301.3	85,100	91,000	43.6	322.8	76,200	106,700					190
195	24.6	291.0	82,200	86,900	40.4	317.0	73,600	103,300	51.7	328.1	64,900	96,500	195
200	18.6	277.5	79,500	83,100	37.0	310.5	71,100	100,000	48.9	323.7	62,600	93,500	200
205	9.1	255.3	76,700	79,700	33.3	303.0	68,700	95,900	46.0	319.0	60,500	90,600	205
210					29.1	294.4	66,300	91,500	43.0	313.7	58,400	87,900	210
215					24.3	283.9	64,100	87,400	39.8	307.8	56,400	85,300	215
220					18.2	270.2	61,900	83,600	36.3	301.1	54,500	82,800	220
225					8.2	246.8	59,700	79,600	32.5	293.5	52,700	80,400	225
230									28.3	284.5	50,900	78,100	230
235									23.3	273.6	49,200	75,900	235
240									16.9	259.0	47,500	73,700	240
245									3.7	227.9	45,700	71,500	245

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



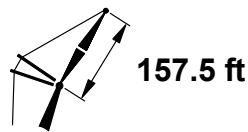
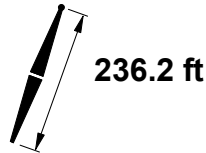
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75	73.6	394.0	148,500	148,500									75
80	71.7	392.4	148,100	148,100									80
85	69.7	390.5	147,400	147,400									85
90	67.8	388.5	146,500	146,500	71.0	390.8	148,200	148,200					90
95	65.8	386.2	144,100	144,100	69.0	388.9	148,200	148,200					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	145,800	145,800	115
120	55.2	371.5	109,900	109,900	58.8	376.1	133,100	133,100	63.9	381.1	145,800	145,800	120
125	52.9	367.7	105,000	105,000	56.6	372.8	126,200	126,200	61.9	378.5	141,200	141,200	125
130	50.6	363.6	100,700	100,700	54.4	369.2	120,000	120,000	59.8	375.6	136,600	136,600	130
135	48.1	359.1	96,800	96,800	52.1	365.4	114,600	114,600	57.6	372.4	132,100	132,100	135
140	45.6	354.3	93,200	93,200	49.7	361.1	109,600	109,600	55.4	369.0	127,700	127,700	140
145	42.9	349.0	90,000	90,000	47.2	356.5	105,300	105,300	53.2	365.2	123,300	123,300	145
150	40.1	343.1	87,200	87,200	44.7	351.5	101,300	101,300	50.8	361.2	119,100	119,100	150
155	37.1	336.6	84,600	84,600	42.0	346.0	97,700	97,700	48.4	356.8	114,900	114,900	155
160	33.9	329.3	82,400	82,400	39.1	340.0	94,500	94,500	45.9	351.9	111,000	111,000	160
165	30.4	321.1	80,500	80,500	36.0	333.2	91,700	91,700	43.2	346.7	107,000	107,000	165
170	26.5	311.4	78,900	78,900	32.7	325.6	89,100	89,100	40.4	340.9	102,500	102,500	170
175	21.8	299.7	77,700	77,700	29.1	316.9	85,900	85,900	37.5	334.5	97,300	97,300	175
180	15.9	284.1	74,300	74,300	24.9	306.7	81,800	81,800	34.3	327.3	92,500	92,500	180
185	4.3	252.8	61,400	61,400	19.9	293.9	77,900	77,900	30.8	319.1	88,000	88,000	185
190					13.1	275.9	72,900	72,900	26.9	309.7	83,800	83,800	190
195									22.4	298.2	79,800	79,800	195
200									16.6	283.2	76,000	76,000	200
205									6.8	256.7	69,400	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-3

ASME B30.5



474,100 lb



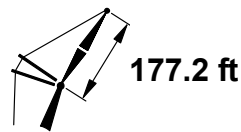
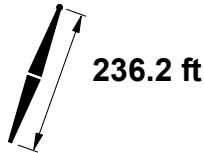
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.0	373.9	116,400	134,300									145
150	59.9	371.0	111,500	130,300									150
155	57.7	367.9	106,900	126,300									155
160	55.5	364.4	102,600	122,300									160
165	53.2	360.7	98,600	118,200									165
170	50.9	356.7	94,900	114,300									170
175	48.5	352.3	91,300	110,300	57.6	361.3	80,900	115,000					175
180	46.0	347.5	87,900	106,500	55.4	357.8	77,800	111,000					180
185	43.3	342.2	84,800	102,700	53.1	354.1	74,900	107,200					185
190	40.6	336.5	81,700	99,000	50.8	350.0	72,200	103,700					190
195	37.6	330.1	78,900	95,400	48.3	345.6	69,600	100,300					195
200	34.4	322.9	76,100	91,800	45.8	340.8	67,200	97,100					200
205	31.0	314.8	73,500	88,200	43.2	335.5	64,800	94,100	52.7	345.3	56,200	87,500	205
210	27.1	305.4	71,000	84,200	40.4	329.7	62,600	91,200	50.3	341.2	54,200	84,800	210
215	22.6	294.1	68,600	80,200	37.4	323.3	60,400	88,500	47.9	336.7	52,300	82,200	215
220	16.9	279.3	66,300	76,500	34.2	316.1	58,400	85,900	45.4	331.8	50,500	79,800	220
225	7.5	254.0	63,900	72,100	30.8	307.9	56,400	82,400	42.7	326.4	48,700	77,400	225
230					26.9	298.4	54,500	78,800	39.9	320.5	47,000	75,200	230
235					22.3	287.0	52,600	75,300	36.9	314.0	45,400	73,000	235
240					16.5	271.9	50,800	71,500	33.6	306.6	43,800	71,000	240
245					6.5	245.0	48,900	67,100	30.1	298.2	42,300	69,000	245
250									26.1	288.4	40,800	67,100	250
260									15.2	260.4	38,000	63,400	260

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



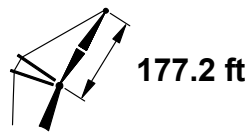
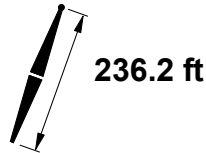
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80	73.8	413.1	129,900	129,900									80
85	72.1	411.5	129,800	129,800									85
90	70.3	409.7	129,400	129,400									90
95	68.6	407.7	128,800	128,800	71.5	409.9	129,100	129,100					95
100	66.9	405.6	124,600	124,600	69.7	408.1	129,100	129,100					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-3

ASME B30.5



474,100 lb



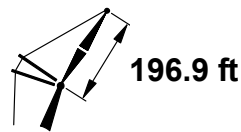
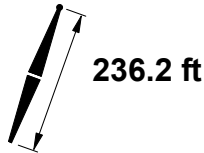
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	63.5	393.6	109,600	112,600									150
155	61.7	390.9	105,100	106,900									155
160	59.8	388.0	100,900	101,300									160
165	57.9	384.8	95,900	95,900									165
170	56.0	381.5	90,700	90,700									170
175	54.0	377.9	85,800	85,800									175
180	51.9	374.0	81,200	81,200	57.8	378.3	73,100	94,800					180
185	49.8	369.7	76,800	76,800	55.9	374.9	70,400	90,100					185
190	47.6	365.2	72,600	72,600	53.9	371.2	67,800	85,400					190
195	45.4	360.3	68,700	68,700	51.8	367.3	65,400	81,000					195
200	43.0	355.0	65,000	65,000									200
205	40.5	349.2	61,500	61,500	49.7	363.1	63,100	76,700					205
210	37.9	342.9	58,200	58,200	47.5	358.5	60,800	72,600					210
215	35.1	335.9	55,100	55,100	45.2	353.6	58,700	68,800	53.5	362.4	50,400	80,800	215
220	32.2	328.1	52,100	52,100	42.9	348.3	56,700	65,100	51.4	358.5	48,600	78,400	220
225	28.9	319.3	49,300	49,300	40.4	342.5	54,800	61,600	49.3	354.2	46,900	75,600	225
230	25.2	309.1	46,700	46,700	37.8	336.1	53,000	58,300	47.1	349.6	45,200	71,800	230
235	20.9	296.8	44,200	44,200	35.0	329.1	51,200	55,200	44.8	344.6	43,600	68,000	235
240	15.5	280.8	41,800	41,800	32.0	321.3	49,500	52,300	42.4	339.2	42,100	64,500	240
245	6.0	251.8	39,700	39,700	28.7	312.4	47,800	49,500	39.9	333.3	40,600	61,100	245
250					25.0	302.1	46,200	46,800	37.3	326.8	39,200	57,900	250
260					15.1	273.3	42,000	42,000	31.4	311.6	36,500	52,000	260
270									24.3	291.9	34,000	46,700	270
280									13.9	261.4	31,500	41,900	280

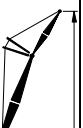
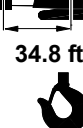
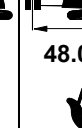
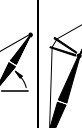
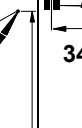
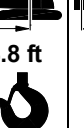
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



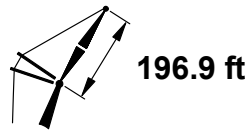
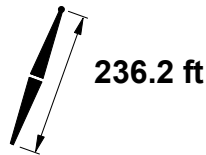
	85°				83°				80°				
													
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
85	73.9	432.2	115,200	115,200									85
90	72.4	430.6	115,000	115,000									90
95	70.9	428.8	114,700	114,700									95
100	69.3	426.9	114,200	114,200	71.9	429.0	114,400	114,400					100
105	67.7	424.9	113,700	113,700	70.3	427.2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

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



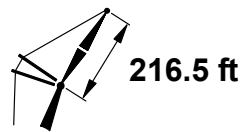
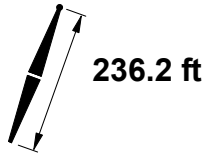
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.1	410.6	96,500	105,600									160
165	61.5	407.8	92,500	105,600									165
170	59.8	404.9	88,800	104,600									170
175	58.1	401.8	85,300	101,700									175
180	56.3	398.5	82,000	98,900									180
185	54.5	394.9	78,900	96,000									185
190	52.7	391.2	76,000	93,100									190
195	50.8	387.1	73,200	90,200	58.0	395.2	63,300	94,200					195
200	48.9	382.8	70,500	87,500	56.2	391.9	60,900	91,800					200
205	46.9	378.1	68,000	84,700	54.4	388.3	58,600	89,300					205
210	44.9	373.1	65,600	80,900	52.6	384.5	56,500	86,700					210
215	42.7	367.8	63,300	77,100	50.7	380.5	54,400	84,100					215
220	40.5	362.0	61,100	73,500	48.8	376.1	52,400	81,500					220
225	38.2	355.7	59,000	70,100	46.8	371.4	50,500	79,000					225
230	35.7	348.8	57,000	66,900	44.8	366.4	48,700	76,600	52.3	375.7	40,700	70,500	230
235	33.1	341.3	55,100	63,900	42.6	361.0	47,000	74,100	50.4	371.6	39,100	68,400	235
240	30.2	332.9	53,200	61,000	40.4	355.2	45,300	71,500	48.5	367.2	37,600	66,400	240
245	27.1	323.5	51,400	58,300	38.0	348.9	43,700	69,000	46.4	362.5	36,200	64,500	245
250	23.6	312.5	49,700	55,700	35.6	342.0	42,200	66,500	44.4	357.4	34,800	62,700	250
260	14.2	281.9	46,300	50,900	30.1	326.0	39,300	61,000	40.0	346.0	32,200	59,200	260
270					23.4	305.4	36,500	55,800	35.1	332.6	29,800	56,000	270
280					13.9	274.3	33,900	50,900	29.5	316.3	27,600	53,000	280
290									22.7	295.1	25,400	50,200	290
300									12.7	262.1	23,300	46,200	300

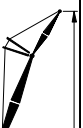
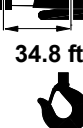
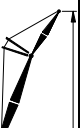
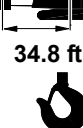
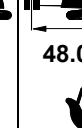
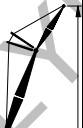
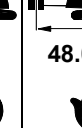
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
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	97,000	97,000	150
155	54.8	419.0	79,800	79,800	57.4	423.8	93,200	93,200	61.2	429.3	97,000	97,000	155
160	53.1	415.3	77,000	77,000	55.8	420.4	90,200	90,200	59.7	426.4	97,000	97,000	160
165	51.4	411.3	74,200	74,200	54.2	416.8	87,400	87,400	58.1	423.3	95,100	95,100	165
170	49.7	407.1	71,500	71,500	52.5	413.0	84,400	84,400	56.6	420.0	92,500	92,500	170
175	47.9	402.6	68,900	68,900	50.8	408.9	81,600	81,600	54.9	416.5	89,900	89,900	175
180	46.1	397.8	66,400	66,400	49.1	404.6	77,800	77,800	53.3	412.8	87,300	87,300	180
185	44.2	392.7	64,000	64,000	47.3	400.0	74,000	74,000	51.6	408.9	83,800	83,800	185
190	42.2	387.2	61,800	61,800	45.4	395.1	70,500	70,500	49.9	404.7	79,700	79,700	190
195	40.2	381.4	59,600	59,600	43.5	389.9	67,300	67,300	48.1	400.2	75,800	75,800	195
200	38.1	375.0	57,600	57,600	41.5	384.3	64,200	64,200	46.3	395.4	72,200	72,200	200
205	35.8	368.2	55,700	55,700	39.5	378.3	61,300	61,300	44.4	390.4	68,900	68,900	205
210	33.4	360.8	53,800	53,800	37.3	371.8	58,600	58,600	42.4	384.9	65,700	65,700	210
215	30.9	352.6	51,200	51,200	35.0	364.7	56,000	56,000	40.4	379.1	62,700	62,700	215
220	28.2	343.5	48,600	48,600	32.6	357.0	53,500	53,500	38.3	372.9	59,900	59,900	220
225	25.1	333.2	46,000	46,000	30.0	348.6	50,700	50,700	36.1	366.1	57,300	57,300	225
230	21.7	321.2	43,500	43,500	27.1	339.1	48,100	48,100	33.7	358.7	54,700	54,700	230
235	17.6	306.6	41,000	41,000	24.0	328.3	45,500	45,500	31.2	350.6	52,300	52,300	235
240	12.2	286.8	38,600	38,600	20.4	315.5	43,000	43,000	28.5	341.6	49,900	49,900	240
245					15.9	299.5	40,600	40,600	25.5	331.5	47,300	47,300	245
250					9.6	276.0	38,000	38,000	22.1	319.7	44,700	44,700	250
260									12.9	286.5	39,800	39,800	260
270													270
280													280
290													290
300													300
310													310
320													320

MLC300 VPC-MAX S-3

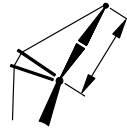
ASME B30.5



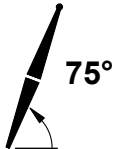
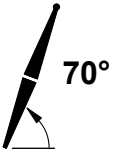
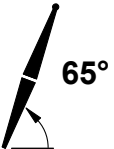
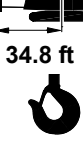
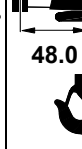
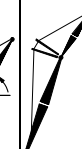
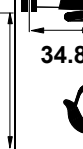
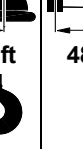
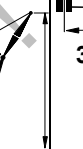
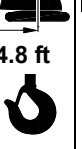
474,100 lb



236.2 ft



216.5 ft

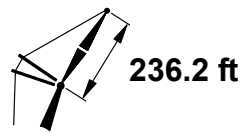
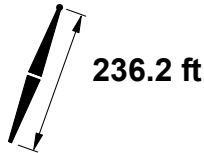
	 75°				 70°				 65°					
														
	ft	°	ft	lb	lb	ft	lb	lb	ft	°	ft	lb	lb	ft
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165														165
170	62.8	427.5	86,400	91,100										170
175	61.3	424.8	83,000	91,100										175
180	59.8	421.9	79,700	91,100										180
185	58.2	418.8	76,600	91,000										185
190	56.6	415.5	73,700	88,600										190
195	55.0	412.0	70,900	86,200										195
200	53.4	408.3	68,300	83,800										200
205	51.7	404.4	65,800	81,400	58.1	412.2	56,200	83,900						205
210	50.0	400.2	63,400	79,000	56.5	408.9	54,000	82,000						210
215	48.2	395.7	61,200	76,200	54.9	405.4	52,000	80,000						215
220	46.4	391.0	59,000	72,500	53.3	401.7	50,100	77,800						220
225	44.5	385.9	56,900	69,200	51.6	397.7	48,200	75,700						225
230	42.5	380.5	54,900	66,000	49.9	393.5	46,400	73,500						230
235	40.5	374.7	53,000	63,000	48.1	389.1	44,700	71,400						235
240	38.4	368.5	51,200	60,200	46.3	384.3	43,100	69,300	53.0	392.9	35,100	64,600		240
245	36.2	361.7	49,400	57,500	44.4	379.2	41,500	67,000	51.3	388.9	33,700	62,700		245
250	33.8	354.4	47,800	55,000	42.4	373.8	40,000	64,900	49.5	384.6	32,400	60,900		250
260	28.6	337.4	44,600	50,300	38.3	361.7	37,100	60,200	45.9	375.3	29,900	57,400		260
270	22.2	315.6	41,600	45,700	33.7	347.5	34,500	55,000	42.1	364.7	27,500	54,300		270
280	13.2	282.7	38,700	40,700	28.4	330.4	32,000	50,300	37.9	352.4	25,300	51,300		280
290					22.0	308.5	29,600	46,000	33.2	338.0	23,200	48,600		290
300					12.8	275.1	27,300	41,400	27.9	320.6	21,300	46,000		300
310									21.4	298.0	19,400	43,000		310
320									11.6	262.5	17,500	38,500		320

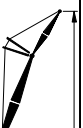
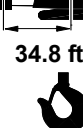
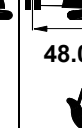
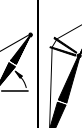
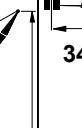
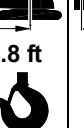
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



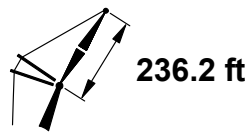
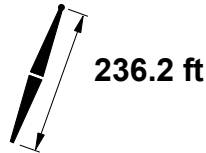
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
100	72.9	468.7	88,400	88,400									100
105	71.6	467.0	88,200	88,200									105
110	70.3	465.2	87,900	87,900									110
115	69.0	463.3	87,600	87,600	71.2	465.5	87,500	87,500					115
120	67.7	461.3	87,200	87,200	69.9	463.7	87,500	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	84,900	84,900	160
165	55.2	436.1	71,100	71,100	57.6	440.8	82,800	82,800	61.1	446.3	84,900	84,900	165
170	53.7	432.4	68,800	68,800	56.1	437.4	80,400	80,400	59.7	443.4	84,900	84,900	170
175	52.1	428.5	66,400	66,400	54.6	433.9	78,000	78,000	58.3	440.3	84,900	84,900	175
180	50.6	424.4	64,200	64,200	53.1	430.1	75,600	75,600	56.8	437.0	84,700	84,700	180
185	49.0	420.1	61,900	61,900	51.6	426.2	73,200	73,200	55.3	433.6	82,400	82,400	185
190	47.3	415.5	59,800	59,800	50.0	422.0	70,300	70,300	53.8	429.9	79,400	79,400	190
195	45.6	410.6	57,800	57,800	48.4	417.6	67,000	67,000	52.3	426.1	75,500	75,500	195
200	43.9	405.5	55,900	55,900	46.7	412.9	63,900	63,900	50.7	422.0	71,900	71,900	200
205	42.1	400.0	54,000	54,000	45.0	407.9	61,000	61,000	49.1	417.7	68,600	68,600	205
210	40.2	394.1	52,200	52,200	43.2	402.6	58,300	58,300	47.5	413.1	65,400	65,400	210
215	38.3	387.8	50,500	50,500	41.4	397.0	55,700	55,700	45.8	408.3	62,400	62,400	215
220	36.2	381.1	48,900	48,900	39.5	391.0	53,300	53,300	44.1	403.2	59,600	59,600	220
225	34.1	373.8	47,300	47,300	37.6	384.6	51,000	51,000	42.3	397.7	57,000	57,000	225
230	31.8	365.9	44,800	44,800	35.5	377.7	48,800	48,800	40.4	391.9	54,500	54,500	230
235	29.4	357.2	42,400	42,400	33.3	370.2	46,600	46,600	38.5	385.6	52,100	52,100	235
240	26.7	347.5	40,000	40,000	31.0	362.0	44,400	44,400	36.4	378.9	49,900	49,900	240
245	23.8	336.6	37,700	37,700	28.5	353.0	41,900	41,900	34.3	371.7	47,700	47,700	245
250	20.5	323.9	35,600	35,600	25.7	342.9	39,600	39,600	32.1	363.9	45,600	45,600	250
260	11.2	287.0	31,400	31,400	19.2	317.9	35,200	35,200	27.0	345.7	41,200	41,200	260
270					8.6	275.3	30,900	30,900	20.9	322.5	36,700	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-3

ASME B30.5



474,100 lb



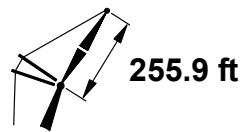
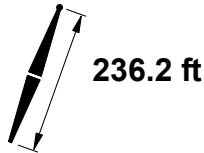
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	63.9	447.1	78,400	78,400									175
180	62.5	444.5	78,400	78,400									180
185	61.1	441.8	75,600	78,400									185
190	59.7	438.8	72,700	78,400									190
195	58.3	435.8	69,900	78,400									195
200	56.9	432.5	67,300	78,400									200
205	55.4	429.1	64,800	78,400									205
210	53.9	425.4	62,500	77,000									210
215	52.4	421.6	60,200	74,900	58.2	429.2	50,900	72,400					215
220	50.8	417.5	58,100	72,200	56.8	425.9	48,900	72,400					220
225	49.2	413.2	56,000	68,800	55.3	422.5	47,100	72,400					225
230	47.6	408.7	54,100	65,700	53.8	418.8	45,300	71,500					230
235	45.9	403.8	52,200	62,700	52.3	414.9	43,700	69,700					235
240	44.1	398.7	50,400	59,900	50.7	410.9	42,000	67,800					240
245	42.3	393.3	48,600	57,300	49.1	406.6	40,500	65,900					245
250	40.5	387.5	47,000	54,800	47.5	402.0	39,000	64,100	53.5	410.0	31,200	60,000	250
260	36.5	374.6	43,800	50,100	44.0	392.0	36,200	59,900	50.4	402.0	28,700	56,600	260
270	32.2	359.6	40,900	45,900	40.4	380.7	33,600	54,800	47.2	393.0	26,400	53,500	270
280	27.1	341.5	38,200	42,000	36.4	367.8	31,100	50,100	43.7	382.9	24,300	50,600	280
290	21.0	318.4	35,600	37,500	32.0	352.7	28,900	45,900	40.0	371.5	22,200	47,900	290
300	12.2	283.3	33,100	33,100	27.0	334.5	26,700	42,100	36.0	358.4	20,400	45,300	300
310					20.8	311.2	24,700	38,100	31.6	343.1	18,600	42,900	310
320					11.8	275.5	22,600	33,700	26.5	324.6	16,900	40,700	320
330									20.2	300.6	15,200	37,200	330
340									10.6	262.6	13,600	33,200	340

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



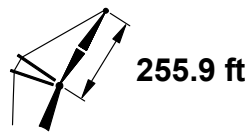
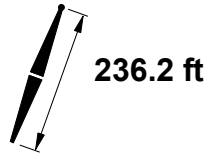
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.1	487.8	76,800	76,800									105
110	71.9	486.1	76,600	76,600									110
115	70.7	484.4	76,400	76,400									115
120	69.5	482.5	76,100	76,100	71.5	484.6	75,700	75,700					120
125	68.3	480.5	75,700	75,700	70.3	482.8	75,700	75,700					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	73,000	73,000	175
180	54.1	449.5	61,200	61,200	56.4	454.4	71,400	71,400	59.7	460.3	73,000	73,000	180
185	52.7	445.7	59,200	59,200	55.0	450.9	68,300	68,300	58.3	457.3	73,000	73,000	185
190	51.3	441.7	57,300	57,300	53.6	447.3	65,000	65,000	57.0	454.0	73,000	73,000	190
195	49.8	437.5	55,500	55,500	52.2	443.4	61,800	61,800	55.7	450.6	70,800	70,800	195
200	48.3	433.1	52,500	52,500	50.8	439.3	58,600	58,600	54.3	447.0	67,400	67,400	200
205	46.8	428.4	49,400	49,400	49.3	435.0	55,300	55,300	52.9	443.2	64,000	64,000	205
210	45.2	423.5	46,500	46,500	47.8	430.5	52,200	52,200	51.4	439.3	60,700	60,700	210
215	43.6	418.2	43,600	43,600	46.3	425.8	49,100	49,100	50.0	435.1	57,600	57,600	215
220	41.9	412.7	40,800	40,800	44.7	420.7	46,200	46,200	48.5	430.7	54,700	54,700	220
225	40.2	406.9	38,200	38,200	43.0	415.4	43,300	43,300	47.0	426.0	51,500	51,500	225
230	38.4	400.6	35,500	35,500	41.3	409.8	40,500	40,500	45.4	421.1	48,400	48,400	230
235	36.6	393.9	33,000	33,000	39.6	403.8	37,800	37,800	43.8	415.9	45,400	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

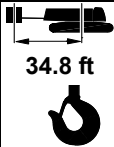
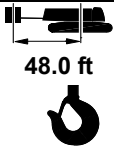
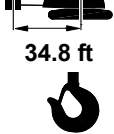
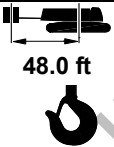
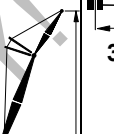
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	75°				70°				65°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185	63.6	464.1	67,300	67,300									185
190	62.3	461.5	67,300	67,300									190
195	61.0	458.7	67,300	67,300									195
200	59.7	455.8	65,600	67,300									200
205	58.4	452.7	63,100	67,300									205
210	57.1	449.5	60,800	67,300									210
215	55.7	446.1	58,500	67,300									215
220	54.3	442.5	56,400	67,300									220
225	52.9	438.7	54,400	64,800	58.3	446.1	45,300	61,400					225
230	51.5	434.8	52,400	61,600	57.0	442.9	43,500	61,400					230
235	50.0	430.6	50,500	58,500	55.6	439.5	41,800	61,400					235
240	48.6	426.2	48,800	55,500	54.3	435.9	40,200	61,400					240
245	47.0	421.6	47,000	52,600	52.9	432.1	38,700	61,400					245
250	45.5	416.7	45,400	49,600	51.4	428.1	37,200	61,400					250
260	42.2	406.0	42,300	43,600	48.5	419.5	34,500	55,600	51.2	419.3	24,600	52,100	260
270	38.7	394.0	38,100	38,100	45.4	410.0	31,900	50,100	48.2	410.6	22,500	49,200	270
280	34.9	380.3	32,800	32,800	42.1	399.3	29,500	44,200	45.1	401.0	20,500	46,500	280
290	30.7	364.4	28,000	28,000	38.6	387.3	27,200	38,600	41.8	390.2	18,600	44,000	290
300	25.9	345.3	23,500	23,500	34.8	373.5	25,100	33,400	38.3	378.0	16,900	38,600	300
310	20.0	320.9	19,100	19,100	30.6	357.6	23,200	28,600	34.4	364.1	15,200	33,500	310
320	11.3	283.6	14,800	14,800	25.7	338.4	21,300	24,000	30.2	347.9	13,700	28,700	320
330					19.8	313.7	19,500	19,700	25.2	328.3	12,200	24,200	330
340					11.0	275.7	15,500	15,500	19.1	303.0	10,700	20,000	340
350													350
360										9.8	262.3	15,800	360

MLC300 VPC-MAX S-3

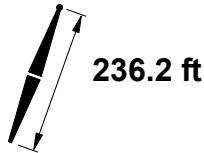
ASME B30.5



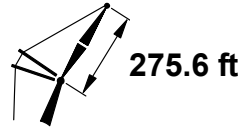
474,100 lb



360°



236.2 ft



275.6 ft

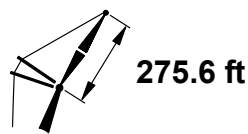
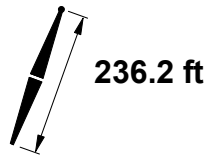
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.2	506.8	66,100	66,100									110
115	72.1	505.2	65,800	65,800									115
120	71.0	503.5	65,500	65,500									120
125	69.9	501.7	65,200	65,200	71.8	503.7	64,900	64,900					125
130	68.8	499.7	64,800	64,800	70.6	501.9	64,800	64,800					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	60,500	60,500	195
200	51.9	458.9	51,500	51,500	54.1	464.4	57,000	57,000	57.2	471.0	59,500	59,500	200
205	50.6	454.8	49,900	49,900	52.8	460.6	56,000	56,000	55.9	467.6	58,700	58,700	205
210	49.2	450.5	48,000	48,000	51.4	456.6	53,100	53,100	54.7	464.1	57,800	57,800	210
215	47.8	446.0	45,500	45,500	50.1	452.4	50,300	50,300	53.4	460.4	57,000	57,000	215
220	46.4	441.3	43,000	43,000	48.7	448.0	47,700	47,700	52.1	456.5	55,200	55,200	220
225	44.9	436.3	40,600	40,600	47.3	443.4	45,100	45,100	50.7	452.4	52,300	52,300	225
230	43.4	431.0	38,300	38,300	45.8	438.6	42,600	42,600	49.3	448.1	49,600	49,600	230
235	41.8	425.5	36,000	36,000	44.4	433.5	40,200	40,200	47.9	443.6	46,900	46,900	235
240	40.2	419.6	33,900	33,900	42.8	428.2	37,900	37,900	46.5	438.9	44,400	44,400	240
245	38.6	413.4	31,800	31,800	41.3	422.5	35,600	35,600	45.1	433.9	41,800	41,800	245
250	36.8	406.8	29,700	29,700	39.7	416.5	33,500	33,500	43.5	428.7	39,400	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
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MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



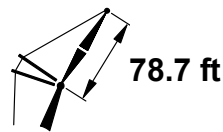
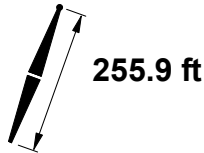
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ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
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115													115
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125													125
130													130
135													135
140													140
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150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195	63.3	481.1	57,100	57,100									195
200	62.1	478.5	57,100	57,100									200
205	60.9	475.7	57,100	57,100									205
210	59.7	472.8	57,100	57,100									210
215	58.5	469.7	57,100	57,100									215
220	57.2	466.5	55,300	57,100									220
225	56.0	463.1	53,300	57,100									225
230	54.7	459.6	51,400	57,100									230
235	53.4	455.9	49,500	57,100	58.4	463.1	40,700	51,900					235
240	52.1	452.0	47,700	56,000	57.2	459.9	39,100	51,900					240
245	50.8	447.9	46,000	53,200	55.9	456.5	37,600	51,900					245
250	49.4	443.6	44,400	50,400	54.6	453.0	36,100	51,900					250
260	46.6	434.5	41,300	45,200	52.0	445.4	33,400	51,900					260
270	43.6	424.3	38,500	40,200	49.3	437.0	30,800	50,500	51.8	436.5	21,300	47,500	270
280	40.5	413.0	35,600	35,600	46.5	427.8	28,400	45,400	49.1	428.1	19,300	45,700	280
290	37.1	400.2	31,400	31,400	43.5	417.6	26,200	40,500	46.2	418.8	17,500	43,200	290
300	33.5	385.8	27,400	27,400	40.4	406.2	24,200	36,000	43.2	408.5	15,800	40,300	300
310	29.4	369.0	23,400	23,400	37.0	393.5	22,200	31,800	40.1	397.0	14,200	35,900	310
320	24.7	349.0	19,400	19,400	33.3	379.0	20,400	27,800	36.7	384.1	12,700	31,700	320
330	19.0	323.3	15,500	15,500	29.3	362.1	18,700	23,800	33.0	369.4	11,200	27,800	330
340	10.5	283.6	11,600	11,600	24.6	341.9	17,000	19,900	28.9	352.4		23,900	340
350					18.8	316.0	15,400	16,000	24.1	331.8		20,000	350
360					10.2	275.6	12,200	12,200	8.9	261.7		16,300	360
370													370
380													380

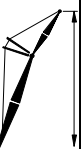
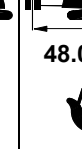
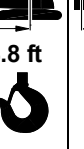
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



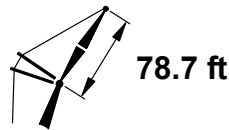
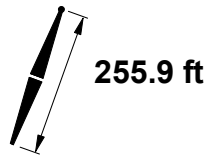
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
55	73.1	337.9	217,200 d	217,200 d									55
60	69.3	336.0	215,500 d	215,500 d									60
65	65.3	333.7	210,500 c	210,500 c									65
70	61.1	331.0	195,900 c	195,900 c	68.4	334.6	216,800 d	216,800 d					70
75	56.8	327.7	181,900 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	212,400 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	203,100 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	193,700 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	184,500 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	175,500 b	175,500 b	105
110					26.7	295.3	145,000	145,000	44.3	313.3	166,800	166,800	110
115					15.6	280.8	140,500	140,500	38.6	307.2	158,200	158,200	115
120									32.0	299.6	149,600	149,600	120
125									23.6	289.2	140,400	140,400	125
130									8.5	269.1	130,400	130,400	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
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190													190

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



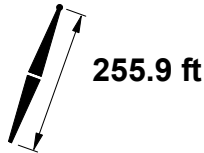
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.4	322.3	161,900 b	182,100 b									115
120	56.0	318.9	153,800 b	173,700 b									120
125	51.3	315.0	146,400 b	165,400 b									125
130	46.3	310.3	139,600	156,900									130
135	40.9	304.6	133,300	148,700									135
140	34.6	297.7	127,500	140,400	57.2	313.0	116,500 b	157,300 b					140
145	27.1	288.6	122,000	132,300	52.6	309.2	111,600 b	150,900 b					145
150	16.2	274.5	116,800	123,600	47.7	304.7	107,000	144,000					150
155					42.4	299.4	102,800	136,800					155
160					36.4	292.8	98,700	129,500					160
165					29.3	284.4	94,900	122,300	53.3	301.0	84,800 b	121,200 b	165
170					19.8	272.3	91,200	114,800	48.4	296.6	81,600	116,900	170
175									43.2	291.4	78,500	112,800	175
180									37.3	285.0	75,700	109,000	180
185									30.4	276.9	72,900	105,300	185
190									21.3	265.6	70,200	101,800	190

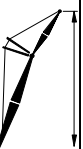
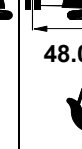
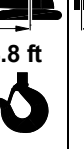
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



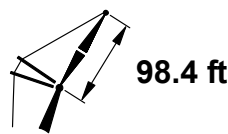
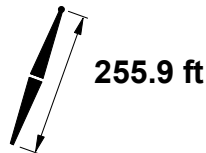
	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60	73.6	357.0	187,400 d	187,400 d									60
65	70.5	355.2	186,200 c	186,200 c									65
70	67.3	353.1	184,100 c	184,100 c									70
75	64.1	350.7	179,600 b	179,600 b	69.8	353.8	187,100 c	187,100 c					75
80	60.8	347.9	167,400 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	185,600 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	178,200 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	170,800	170,800	105
110	36.8	320.1	121,500	121,500	45.0	330.0	141,100	141,100	55.3	339.7	163,600	163,600	110
115	31.3	312.2	117,300	117,300	40.6	324.3	134,500	134,500	51.6	335.7	156,500	156,500	115
120	24.8	302.1	113,900	113,900	35.7	317.5	129,000	129,000	47.7	331.2	149,600	149,600	120
125	15.7	287.3	112,100	112,100	30.1	309.2	124,300	124,300	43.5	326.0	142,900	142,900	125
130					23.2	298.5	120,700	120,700	39.0	320.0	136,400	136,400	130
135					12.8	281.4	116,200	116,200	33.9	312.8	129,800	129,800	135
140									27.9	303.9	123,100	123,100	140
145									20.3	291.8	116,100	116,100	145
150									5.0	266.1	108,400	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-3

ASME B30.5



474,100 lb



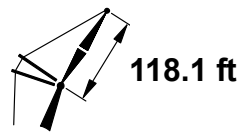
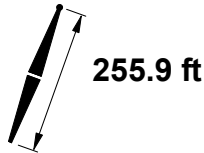
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	63.5	342.1	152,400 b	167,500 b									120
125	60.2	339.2	145,000 b	161,100 b									125
130	56.7	336.0	138,300	154,400									130
135	53.1	332.2	132,100	147,800									135
140	49.2	328.0	126,400	141,200									140
145	45.2	323.1	121,100	134,700									145
150	40.8	317.4	116,100	128,400	57.7	330.0	105,100	141,000					150
155	35.9	310.7	111,500	122,100	54.1	326.4	100,900	135,400					155
160	30.3	302.5	107,200	116,000	50.3	322.3	97,000	129,700					160
165	23.5	291.9	103,100	109,700	46.3	317.5	93,300	124,000					165
170	13.4	275.3	99,100	102,900	42.0	312.1	89,800	118,400					170
175					37.3	305.7	86,600	112,900					175
180					31.9	298.0	83,400	107,300	50.8	314.1	73,800	107,600	180
185					25.5	288.2	80,400	101,700	46.9	309.5	71,100	104,000	185
190					16.8	274.1	77,500	95,900	42.6	304.1	68,600	100,700	190
195									37.9	297.9	66,200	97,500	195
200									32.7	290.4	63,900	94,400	200
205									26.5	280.9	61,700	91,500	205
210									18.2	267.7	59,500	87,600	210

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



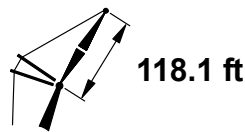
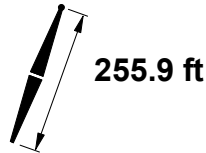
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	73.9	376.1	165,800 c	165,800 c									65
70	71.3	374.4	164,900 b	164,900 b									70
75	68.7	372.4	163,300 b	163,300 b									75
80	66.1	370.2	161,300	161,300	70.8	373.0	165,600 b	165,600 b					80
85	63.3	367.7	154,400	154,400	68.1	371.0	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	162,300	162,300	105
110	48.4	349.8	117,700	117,700	54.1	356.4	139,300	139,300	61.8	363.1	156,200	156,200	110
115	45.0	344.9	112,600	112,600	51.0	352.3	132,300	132,300	59.0	360.1	150,200	150,200	115
120	41.4	339.3	108,200	108,200	47.7	347.8	126,100	126,100	56.1	356.7	144,400	144,400	120
125	37.4	332.9	104,400	104,400	44.2	342.8	120,700	120,700	53.0	353.0	138,600	138,600	125
130	33.1	325.5	101,100	101,100	40.5	337.0	115,900	115,900	49.9	348.8	133,000	133,000	130
135	28.1	316.5	98,400	98,400	36.5	330.4	111,600	111,600	46.5	344.1	127,600	127,600	135
140	22.1	305.1	96,500	96,500	32.1	322.7	108,000	108,000	43.0	338.8	122,200	122,200	140
145	13.4	288.1	95,700	95,700	26.9	313.3	105,100	105,100	39.2	332.8	117,100	117,100	145
150					20.5	301.2	102,000	102,000	35.1	325.8	111,900	111,900	150
155					10.6	281.4	96,000	96,000	30.4	317.6	106,700	106,700	155
160									24.9	307.5	101,400	101,400	160
165									17.9	293.8	95,900	95,900	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
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MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



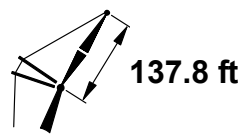
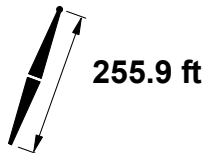
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
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70													70
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80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.9	359.1	135,200	147,000									130
135	60.1	356.2	129,100	141,700									135
140	57.2	353.0	123,500	136,200									140
145	54.2	349.4	118,300	130,900									145
150	51.1	345.4	113,400	125,500									150
155	47.8	340.9	108,800	120,300									155
160	44.4	335.8	104,600	115,200	58.0	347.0	92,800	124,300					160
165	40.7	330.1	100,600	110,200	55.0	343.5	89,200	119,800					165
170	36.7	323.6	96,900	105,300	51.9	339.6	85,800	115,100					170
175	32.2	315.9	93,400	100,500	48.7	335.2	82,600	110,600					175
180	27.1	306.6	89,900	95,600	45.3	330.3	79,600	106,100					180
185	20.8	294.6	86,700	90,600	41.7	324.8	76,700	101,600					185
190	11.2	275.4	83,500	85,200	37.8	318.5	74,000	97,200	52.4	331.4	64,400	97,500	190
195					33.5	311.2	71,400	92,800	49.2	327.1	62,100	94,400	195
200					28.6	302.4	68,900	88,500	45.8	322.3	59,900	91,400	200
205					22.7	291.3	66,500	84,000	42.2	316.9	57,800	88,600	205
210					14.5	275.2	64,100	79,300	38.4	310.7	55,800	85,900	210
215									34.1	303.5	53,900	83,400	215
220									29.3	294.9	52,000	80,400	220
225									23.6	284.3	50,200	76,500	225
230									15.9	269.2	48,400	72,300	230

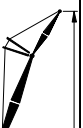
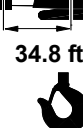
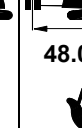
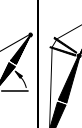
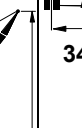
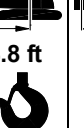
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



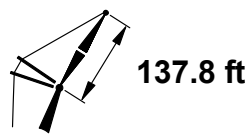
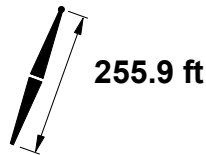
	85°				83°				80°				
													
	ft	°	ft	lb	lb	°	ft	lb	lb	ft	lb	lb	ft
75	71.9	393.5	144,100 b	144,100 b									75
80	69.7	391.6	143,100	143,100									80
85	67.4	389.5	141,800	141,800	71.4	392.1	144,300 b	144,300 b					85
90	65.1	387.2	140,200	140,200	69.2	390.2	144,000	144,000					90
95	62.8	384.6	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	142,400	142,400	115
120	50.1	367.3	105,900	105,900	54.9	373.5	125,500	125,500	61.5	380.0	138,300	138,300	120
125	47.3	362.7	101,700	101,700	52.2	369.6	119,700	119,700	59.1	377.0	133,500	133,500	125
130	44.3	357.7	97,900	97,900	49.5	365.4	114,400	114,400	56.6	373.7	128,700	128,700	130
135	41.2	352.0	94,400	94,400	46.7	360.7	109,800	109,800	54.0	370.1	124,000	124,000	135
140	37.9	345.7	91,400	91,400	43.7	355.5	105,500	105,500	51.3	366.1	119,400	119,400	140
145	34.2	338.6	88,800	88,800	40.5	349.7	100,700	100,700	48.6	361.7	115,000	115,000	145
150	30.2	330.2	86,600	86,600	37.1	343.3	96,000	96,000	45.7	356.9	110,200	110,200	150
155	25.6	320.3	83,900	83,900	33.4	335.9	91,600	91,600	42.6	351.5	105,000	105,000	155
160	19.9	307.6	80,300	80,300	29.3	327.3	87,500	87,500	39.4	345.5	100,100	100,100	160
165	11.6	288.4	77,100	77,100	24.5	316.9	83,700	83,700	35.9	338.8	95,500	95,500	165
170					18.5	303.3	80,100	80,100	32.1	331.0	91,100	91,100	170
175					8.8	280.7	76,900	76,900	27.7	321.9	87,100	87,100	175
180									22.6	310.7	83,200	83,200	180
185									15.9	295.3	79,700	79,700	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



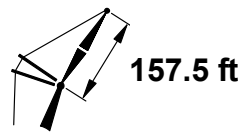
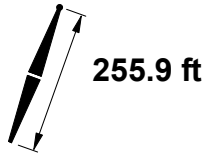
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	62.4	376.0	121,600	130,100									140
145	60.0	373.1	116,500	125,800									145
150	57.5	370.0	111,700	121,500									150
155	55.0	366.5	107,200	117,100									155
160	52.4	362.6	103,000	112,800									160
165	49.6	358.4	99,000	108,500									165
170	46.8	353.8	95,300	104,400	58.2	363.9	83,800	110,800					170
175	43.8	348.6	91,800	100,300	55.7	360.5	80,700	107,100					175
180	40.6	342.9	88,500	96,300	53.1	356.8	77,700	103,400					180
185	37.2	336.4	85,400	92,300	50.4	352.7	74,900	99,700					185
190	33.5	329.0	82,400	88,400	47.6	348.1	72,200	96,000					190
195	29.4	320.5	79,500	84,500	44.6	343.1	69,700	92,300					195
200	24.7	310.2	76,800	80,600	41.5	337.6	67,300	88,700	53.4	348.6	57,900	90,000	200
205	18.7	296.8	74,100	76,600	38.2	331.3	65,000	85,100	50.8	344.5	55,900	87,200	205
210	9.4	275.0	71,500	72,200	34.6	324.2	62,800	81,600	48.0	340.0	53,900	84,500	210
215					30.6	316.0	60,700	78,100	45.0	335.1	52,100	82,000	215
220					26.0	306.3	58,600	74,600	42.0	329.6	50,300	79,600	220
225					20.5	294.0	56,600	71,000	38.7	323.5	48,600	77,100	225
230					12.7	275.9	54,700	67,000	35.1	316.5	46,900	74,000	230
235									31.2	308.5	45,300	70,900	235
240									26.7	299.0	43,800	67,700	240
245									21.4	287.1	42,300	64,500	245
250									14.0	270.3	40,700	61,000	250

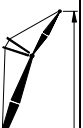
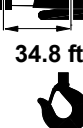
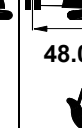
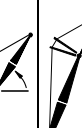
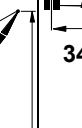
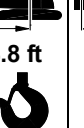
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



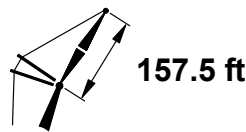
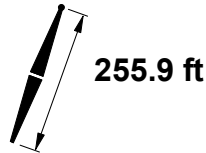
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
80	72.3	412.6	128,500	128,500									80
85	70.4	410.8	127,800	127,800									85
90	68.4	408.8	126,800	126,800	71.9	411.2	128,500	128,500					90
95	66.4	406.6	125,500	125,500	70.0	409.4	128,400	128,400					95
100	64.4	404.2	124,200	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	126,700	126,700	125
130	51.4	384.7	95,000	95,000	55.5	390.5	112,800	112,800	61.2	397.0	123,100	123,100	130
135	49.0	380.3	91,500	91,500	53.2	386.8	107,800	107,800	59.1	394.0	119,000	119,000	135
140	46.5	375.6	88,200	88,200	50.9	382.7	103,400	103,400	56.9	390.7	115,000	115,000	140
145	43.8	370.5	85,300	85,300	48.4	378.3	99,400	99,400	54.7	387.2	111,000	111,000	145
150	41.1	364.8	82,600	82,600	45.9	373.5	95,800	95,800	52.4	383.4	107,100	107,100	150
155	38.2	358.5	80,300	80,300	43.3	368.3	92,500	92,500	50.1	379.2	103,300	103,300	155
160	35.1	351.5	78,200	78,200	40.5	362.5	89,600	89,600	47.6	374.7	99,600	99,600	160
165	31.7	343.6	75,700	75,700	37.5	356.1	86,900	86,900	45.0	369.7	96,000	96,000	165
170	27.9	334.5	73,200	73,200	34.4	348.9	84,600	84,600	42.4	364.3	92,500	92,500	170
175	23.5	323.6	71,100	71,100	30.9	340.8	82,300	82,300	39.5	358.3	88,900	88,900	175
180	18.1	309.7	69,500	69,500	27.0	331.4	79,300	79,300	36.5	351.7	85,400	85,400	180
185	10.1	288.3	67,800	67,800	22.5	320.0	75,800	75,800	33.2	344.2	82,000	82,000	185
190					16.8	305.1	72,200	72,200	29.6	335.7	78,500	78,500	190
195					7.2	279.2	67,500	67,500	25.6	325.7	75,100	75,100	195
200									20.7	313.4	71,700	71,700	200
205									14.3	296.5	68,000	68,000	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



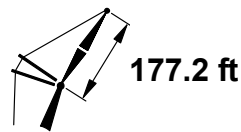
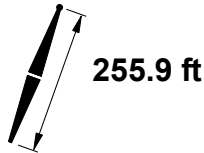
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.0	393.0	107,500	115,600									150
155	59.9	390.1	103,100	112,000									155
160	57.8	386.9	98,900	108,300									160
165	55.6	383.5	95,000	104,700									165
170	53.3	379.8	91,400	101,000									170
175	51.0	375.8	87,900	97,400									175
180	48.5	371.4	84,700	93,900	58.4	380.9	73,400	98,600					180
185	46.0	366.6	81,600	90,400	56.2	377.6	70,700	95,500					185
190	43.4	361.4	78,700	87,000	53.9	373.9	68,100	92,400					190
195	40.6	355.6	75,900	83,600	51.6	370.0	65,600	89,200					195
200	37.7	349.2	73,200	80,300	49.2	365.7	63,200	86,100					200
205	34.5	342.1	70,700	77,100	46.7	361.0	61,000	83,000					205
210	31.0	334.0	68,300	73,900	44.1	355.9	58,900	79,900					210
215	27.2	324.6	66,000	70,700	41.4	350.3	56,800	76,900	51.9	361.8	47,800	78,800	215
220	22.7	313.3	63,700	67,500	38.5	344.1	54,800	73,900	49.5	357.5	46,100	76,500	220
225	17.0	298.7	61,600	64,100	35.4	337.2	53,000	71,000	47.1	352.9	44,400	74,200	225
230	7.8	273.8	59,400	60,300	32.0	329.4	51,200	68,100	44.5	347.9	42,800	71,800	230
235					28.3	320.4	49,400	65,100	41.8	342.3	41,300	69,200	235
240					24.0	309.7	47,700	62,200	38.9	336.2	39,800	66,600	240
245					18.7	296.2	46,100	59,200	35.8	329.4	38,400	63,900	245
250					11.2	276.1	44,400	55,800	32.5	321.8	37,000	61,400	250
260									24.6	302.6	34,400	56,100	260
270									12.5	270.9	31,800	50,400	270

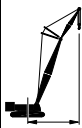
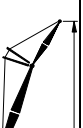
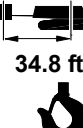
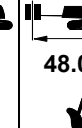
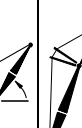
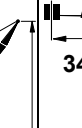
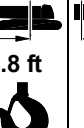
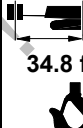
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



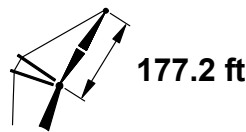
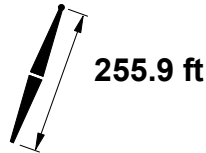
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
85	72.7	431.7	113,700	113,700									85
90	70.9	429.9	113,200	113,200									90
95	69.2	428.0	112,600	112,600									95
100	67.5	425.9	111,700	111,700	70.6	428.5	113,300	113,300					100
105	65.7	423.7	110,700	110,700	68.8	426.6	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-3

ASME B30.5



474,100 lb



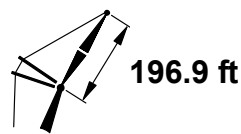
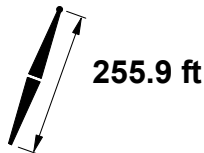
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	63.6	412.6	101,200	104,600									155
160	61.7	410.0	97,100	104,000									160
165	59.9	407.1	93,200	100,300									165
170	58.0	403.9	89,600	95,300									170
175	56.0	400.6	86,200	90,300									175
180	54.0	396.9	83,000	85,600									180
185	52.0	393.0	79,900	81,100									185
190	49.8	388.8	76,700	76,700	58.5	397.9	66,100	88,900					190
195	47.7	384.3	72,600	72,600	56.5	394.6	63,700	86,400					195
200	45.4	379.4	68,800	68,800	54.6	391.0	61,400	83,700					200
205	43.0	374.1	65,100	65,100	52.5	387.2	59,200	81,100					205
210	40.6	368.3	61,600	61,600	50.4	383.1	57,100	77,900					210
215	38.0	362.0	58,400	58,400	48.3	378.7	55,000	73,900					215
220	35.2	355.1	55,200	55,200	46.0	373.9	53,100	70,000					220
225	32.2	347.3	52,300	52,300	43.7	368.7	51,300	66,400	52.8	379.0	42,500	72,300	225
230	28.9	338.5	49,500	49,500	41.3	363.0	49,500	62,900	50.7	374.9	40,900	70,100	230
235	25.3	328.4	46,800	46,800	38.7	356.9	47,800	59,500	48.6	370.5	39,400	67,900	235
240	21.0	316.1	44,300	44,300	36.0	350.1	46,200	56,400	46.3	365.8	38,000	65,600	240
245	15.6	300.1	41,900	41,900	33.1	342.6	44,600	53,400	44.0	360.7	36,600	63,300	245
250	6.3	271.9	39,800	39,800	29.9	334.1	43,100	50,500	41.6	355.1	35,300	61,000	250
260					22.3	312.8	40,200	45,300	36.4	342.3	32,800	56,600	260
270					9.8	275.8	37,400	40,700	30.3	326.6	30,400	51,200	270
280									22.8	305.8	28,200	45,900	280
290									11.2	271.1	26,000	41,300	290

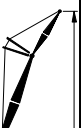
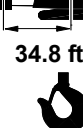
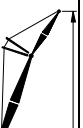
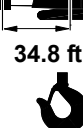
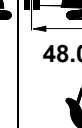
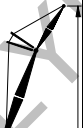
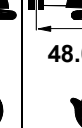
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



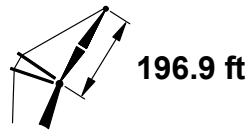
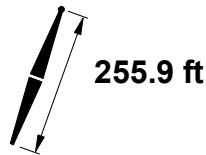
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
90	72.9	450.7	100,500	100,500									90
95	71.4	449.0	100,200	100,200									95
100	69.8	447.2	99,600	99,600									100
105	68.3	445.2	99,000	99,000	71.1	447.7	100,200	100,200					105
110	66.7	443.0	98,200	98,200	69.5	445.8	100,100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

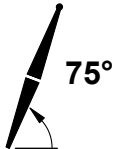
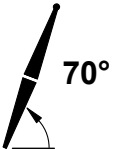
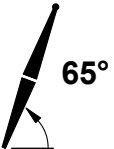
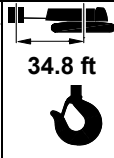
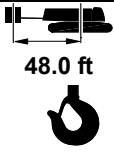
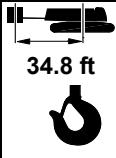
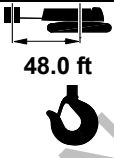
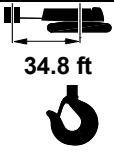
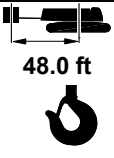
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



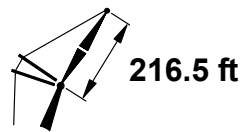
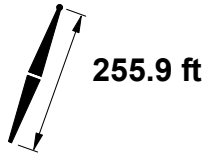
	 75°				 70°				 65°					
 ft	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 °	 ft	 34.8 ft  lb	 48.0 ft  lb	 ft	
90														90
95														95
100														100
105														105
110														110
115														115
120														120
125														125
130														130
135														135
140														140
145														145
150														150
155														155
160														160
165	63.2	429.6	88,800	93,000										165
170	61.5	426.9	85,200	91,200										170
175	59.8	424.0	81,800	88,700										175
180	58.1	420.9	78,600	86,100										180
185	56.4	417.6	75,600	83,400										185
190	54.6	414.0	72,700	80,900										190
195	52.8	410.2	70,000	78,300										195
200	50.9	406.2	67,500	75,700	58.6	414.8	56,800	77,900						200
205	49.0	401.9	65,000	73,100	56.8	411.6	54,600	75,600						205
210	47.0	397.2	62,700	70,600	55.1	408.1	52,600	73,500						210
215	44.9	392.2	60,500	68,100	53.3	404.4	50,600	71,100						215
220	42.8	386.9	58,300	65,800	51.4	400.4	48,700	68,900						220
225	40.6	381.1	56,300	63,300	49.5	396.1	46,900	66,700						225
230	38.2	374.8	54,400	61,000	47.5	391.6	45,200	64,400						230
235	35.8	368.0	52,500	58,700	45.5	386.7	43,500	62,100	53.5	396.1	34,800	63,000		235
240	33.1	360.5	50,700	56,400	43.4	381.5	42,000	59,900	51.6	392.2	33,400	61,100		240
245	30.3	352.1	49,000	54,100	41.2	375.8	40,400	57,800	49.7	388.0	32,100	59,200		245
250	27.2	342.7	47,300	51,800	38.9	369.7	39,000	55,700	47.8	383.5	30,800	57,200		250
260	19.6	318.6	44,100	47,200	33.9	355.7	36,200	51,400	43.7	373.4	28,400	53,300		260
270	4.8	268.8	40,900	41,800	28.1	338.4	33,600	47,200	39.2	361.8	26,100	49,500		270
280					20.8	315.5	31,100	43,000	34.2	347.9	24,000	45,800		280
290					8.6	275.1	28,700	38,200	28.5	331.0	22,000	42,000		290
300									21.4	308.6	20,100	38,200		300
310									10.0	270.9	18,200	33,800		310

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



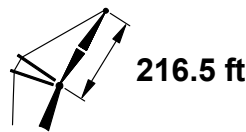
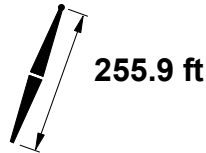
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95	73.1	469.8	88,800	88,800									95
100	71.7	468.1	88,500	88,500									100
105	70.3	466.4	88,100	88,100									105
110	68.9	464.4	87,600	87,600	71.4	466.8	88,100	88,100					110
115	67.5	462.3	87,100	87,100	70.0	464.9	88,100	88,100					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	86,000	86,000	160
165	52.0	432.3	66,400	66,400	55.0	438.1	78,000	78,000	59.2	444.8	85,100	85,100	165
170	50.3	428.2	64,100	64,100	53.3	434.4	75,600	75,600	57.6	441.7	82,700	82,700	170
175	48.5	423.8	61,700	61,700	51.6	430.4	73,100	73,100	56.0	438.3	80,300	80,300	175
180	46.7	419.1	59,500	59,500	49.9	426.2	70,600	70,600	54.4	434.8	77,800	77,800	180
185	44.8	414.1	57,500	57,500	48.1	421.8	68,200	68,200	52.8	431.0	75,400	75,400	185
190	42.9	408.7	55,500	55,500	46.3	417.0	65,900	65,900	51.1	426.9	73,000	73,000	190
195	40.9	403.0	53,600	53,600	44.4	412.0	63,600	63,600	49.3	422.7	70,700	70,700	195
200	38.8	396.9	51,800	51,800	42.5	406.5	61,500	61,500	47.5	418.1	68,400	68,400	200
205	36.6	390.2	50,100	50,100	40.5	400.7	59,400	59,400	45.7	413.3	66,100	66,100	205
210	34.3	383.0	48,500	48,500	38.3	394.5	57,500	57,500	43.8	408.1	63,800	63,800	210
215	31.8	375.1	47,000	47,000	36.1	387.7	55,600	55,600	41.8	402.5	61,700	61,700	215
220	29.1	366.3	45,700	45,700	33.8	380.4	53,800	53,800	39.8	396.6	59,500	59,500	220
225	26.2	356.5	44,500	44,500	31.2	372.3	52,000	52,000	37.6	390.2	57,400	57,400	225
230	22.9	345.1	43,500	43,500	28.5	363.3	49,300	49,300	35.3	383.2	55,300	55,300	230
235	19.1	331.6	41,900	41,900	25.5	353.2	46,700	46,700	32.9	375.6	53,200	53,200	235
240	14.3	314.1	39,500	39,500	22.2	341.5	44,200	44,200	30.4	367.3	51,100	51,100	240
245	6.3	284.4	34,600	34,600	18.2	327.3	41,800	41,800	27.6	357.9	49,000	49,000	245
250					13.0	308.4	39,400	39,400	24.5	347.3	46,500	46,500	250
260									16.6	319.5	41,600	41,600	260
270													270
280													280
290													290
300													300
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MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



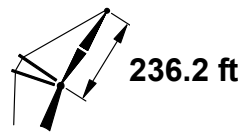
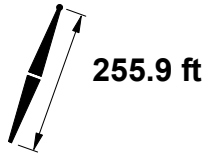
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
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100													100
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110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	62.8	446.6	79,400	80,900									175
180	61.3	443.9	76,200	80,900									180
185	59.8	441.0	73,200	79,600									185
190	58.2	437.9	70,400	77,400									190
195	56.7	434.6	67,700	75,200									195
200	55.0	431.1	65,200	72,900									200
205	53.4	427.4	62,800	70,700									205
210	51.7	423.5	60,400	68,400	58.7	431.8	50,100	69,600					210
215	50.0	419.3	58,200	66,200	57.1	428.6	48,100	67,800					215
220	48.2	414.8	56,100	64,000	55.5	425.1	46,300	65,900					220
225	46.4	410.1	54,100	61,900	53.8	421.5	44,500	64,000					225
230	44.5	405.0	52,200	59,700	52.2	417.6	42,800	62,000					230
235	42.6	399.6	50,400	57,700	50.5	413.5	41,200	60,100					235
240	40.5	393.8	48,600	55,600	48.7	409.1	39,600	58,100					240
245	38.4	387.6	46,900	53,500	46.9	404.5	38,100	56,200					245
250	36.2	380.9	45,300	51,500	45.0	399.5	36,700	54,200	52.4	409.4	28,200	54,600	250
260	31.3	365.5	42,200	47,600	41.1	388.5	33,900	50,400	48.9	401.0	25,900	51,200	260
270	25.7	346.5	39,300	43,600	36.8	375.8	31,400	46,700	45.3	391.5	23,700	47,800	270
280	18.4	320.8	36,600	39,600	32.0	360.8	29,000	43,100	41.4	380.6	21,600	44,500	280
290	2.9	263.2	33,800	34,700	26.5	342.4	26,800	39,500	37.1	368.0	19,700	41,200	290
300					19.5	318.0	24,700	35,800	32.4	353.2	17,900	37,900	300
310					7.5	273.9	22,500	31,500	26.9	335.1	16,200	34,700	310
320									20.1	311.2	14,500	31,300	320
330									8.9	270.3	12,800	27,400	330

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



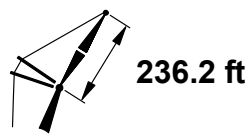
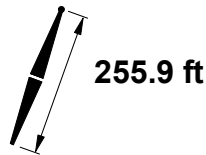
	85°				83°				80°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100	73.3	488.9	78,800	78,800									100
105	72.0	487.2	78,600	78,600									105
110	70.8	485.5	78,300	78,300									110
115	69.5	483.6	78,000	78,000	71.8	485.9	78,100	78,100					115
120	68.2	481.6	77,500	77,500	70.5	484.1	78,100	78,100					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	75,800	75,800	170
175	52.7	449.5	59,400	59,400	55.4	455.1	69,800	69,800	59.2	461.8	75,800	75,800	175
180	51.1	445.5	57,400	57,400	53.9	451.5	67,600	67,600	57.8	458.7	75,500	75,500	180
185	49.5	441.2	55,400	55,400	52.3	447.6	65,600	65,600	56.3	455.3	73,300	73,300	185
190	47.9	436.7	53,600	53,600	50.8	443.6	63,500	63,500	54.9	451.8	71,300	71,300	190
195	46.2	431.9	51,800	51,800	49.2	439.3	61,400	61,400	53.3	448.1	69,200	69,200	195
200	44.5	426.9	50,100	50,100	47.5	434.7	59,500	59,500	51.8	444.2	67,100	67,100	200
205	42.7	421.5	48,400	48,400	45.8	429.9	57,600	57,600	50.2	440.0	65,100	65,100	205
210	40.9	415.8	46,800	46,800	44.1	424.7	55,800	55,800	48.6	435.7	63,000	63,000	210
215	38.9	409.6	45,400	45,400	42.3	419.3	54,000	54,000	47.0	431.0	61,000	61,000	215
220	36.9	403.1	44,000	44,000	40.4	413.5	52,200	52,200	45.3	426.1	59,100	59,100	220
225	34.8	396.0	42,600	42,600	38.5	407.3	50,600	50,600	43.5	420.8	57,100	57,100	225
230	32.6	388.3	41,400	41,400	36.5	400.6	49,000	49,000	41.7	415.3	55,200	55,200	230
235	30.2	379.9	40,300	40,300	34.4	393.4	47,600	47,600	39.8	409.3	53,300	53,300	235
240	27.7	370.6	39,200	39,200	32.1	385.5	45,500	45,500	37.8	403.0	51,400	51,400	240
245	24.9	360.1	38,300	38,300	29.7	376.9	43,100	43,100	35.8	396.1	49,200	49,200	245
250	21.7	348.1	36,300	36,300	27.1	367.4	40,700	40,700	33.6	388.7	47,000	47,000	250
260	13.3	315.0	32,100	32,100	21.0	344.2	36,300	36,300	28.8	371.8	42,900	42,900	260
270					12.1	308.9	32,000	32,000	23.2	350.6	38,300	38,300	270
280									15.6	321.0	33,900	33,900	280
290													290
300													300
310													310
320													320
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340													340
350													350

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



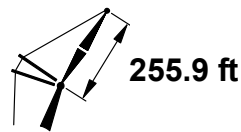
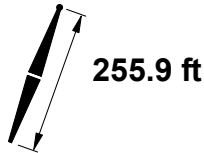
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	63.9	466.2	70,400	70,400									180
185	62.6	463.6	70,400	70,400									185
190	61.2	460.8	69,300	70,400									190
195	59.8	457.9	66,700	70,400									195
200	58.3	454.8	64,100	70,400									200
205	56.9	451.6	61,700	68,600									205
210	55.4	448.1	59,400	66,700									210
215	53.9	444.5	57,300	64,800									215
220	52.4	440.7	55,200	62,800	58.7	448.8	45,100	63,300					220
225	50.8	436.6	53,200	60,900	57.3	445.6	43,300	61,700					225
230	49.2	432.3	51,300	59,000	55.8	442.2	41,700	60,100					230
235	47.6	427.8	49,500	57,100	54.3	438.6	40,000	58,400					235
240	45.9	422.9	47,700	55,200	52.8	434.8	38,500	56,800					240
245	44.2	417.8	46,100	53,400	51.3	430.8	37,000	55,000					245
250	42.4	412.4	44,400	51,500	49.7	426.6	35,600	53,300					250
260	38.6	400.4	41,400	47,900	46.4	417.4	32,900	50,000	53.0	426.6	24,700	49,700	260
270	34.4	386.5	38,600	44,400	42.9	407.0	30,500	46,600	49.9	418.4	22,500	46,800	270
280	29.8	370.2	35,900	41,100	39.1	395.2	28,100	43,300	46.6	409.3	20,500	43,900	280
290	24.3	350.0	33,500	37,600	35.0	381.6	26,000	40,100	43.1	399.0	18,600	40,900	290
300	17.3	322.7	31,100	34,100	30.5	365.7	23,900	36,900	39.4	387.3	16,900	38,000	300
310					25.1	346.1	22,000	33,800	35.3	373.9	15,200	35,100	310
320					18.4	320.2	20,100	30,500	30.8	358.1	13,600	32,200	320
330					6.4	272.0	18,200	26,600	25.5	338.9	12,100	29,400	330
340									18.9	313.5	10,700	26,400	340
350									7.9	269.3		23,000	350

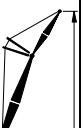
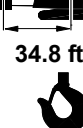
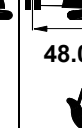
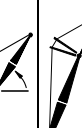
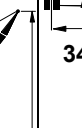
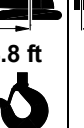
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



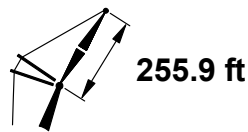
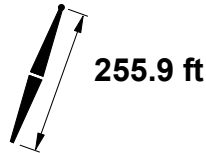
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
105	73.5	507.9	68,900	68,900									105
110	72.3	506.3	68,700	68,700									110
115	71.1	504.6	68,500	68,500									115
120	69.9	502.8	68,000	68,000									120
125	68.7	500.8	67,700	67,700	70.9	503.2	67,900	67,900					125
130	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	65,800	65,800	185
190	51.8	462.7	51,300	51,300	54.3	468.6	60,400	60,400	57.9	475.6	65,600	65,600	190
195	50.3	458.6	49,700	49,700	52.9	464.8	58,400	58,400	56.6	472.3	65,500	65,500	195
200	48.9	454.2	48,100	48,100	51.5	460.8	55,400	55,400	55.2	468.9	63,800	63,800	200
205	47.3	449.6	46,600	46,600	50.0	456.7	52,500	52,500	53.8	465.2	61,400	61,400	205
210	45.8	444.8	44,200	44,200	48.5	452.3	49,700	49,700	52.4	461.4	58,400	58,400	210
215	44.2	439.7	41,500	41,500	47.0	447.6	47,000	47,000	51.0	457.4	55,400	55,400	215
220	42.5	434.3	39,000	39,000	45.4	442.7	44,300	44,300	49.5	453.1	52,500	52,500	220
225	40.8	428.5	36,600	36,600	43.8	437.5	41,600	41,600	48.0	448.6	49,700	49,700	225
230	39.0	422.4	34,200	34,200	42.2	432.0	39,100	39,100	46.5	443.9	46,900	46,900	230
235	37.2	415.9	31,800	31,800	40.4	426.2	36,600	36,600	44.9	438.9	44,100	44,100	235
240	35.3	408.9	29,600	29,600	38.7	420.0	34,200	34,200	43.3	433.6	41,500	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
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370													370

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



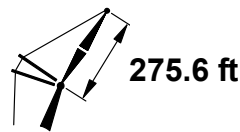
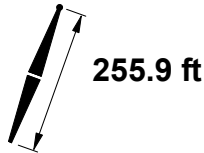
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190	63.6	483.2	60,700	60,700									190
195	62.3	480.6	60,700	60,700									195
200	61.0	477.8	60,700	60,700									200
205	59.7	474.9	59,900	60,700									205
210	58.4	471.8	57,700	60,700									210
215	57.1	468.6	55,500	60,700									215
220	55.7	465.2	53,500	59,500									220
225	54.4	461.6	51,500	57,800									225
230	53.0	457.8	49,600	56,200	58.8	465.7	39,800	55,400					230
235	51.5	453.9	47,800	54,500	57.5	462.5	38,200	54,700					235
240	50.1	449.7	46,100	52,900	56.1	459.2	36,700	53,300					240
245	48.6	445.3	44,400	51,300	54.7	455.7	35,200	52,000					245
250	47.1	440.7	42,800	48,900	53.3	451.9	33,800	50,500					250
260	43.9	430.6	39,800	43,400	50.5	443.9	31,200	47,600					260
270	40.5	419.3	37,000	38,200	47.5	435.0	28,700	44,700	53.5	443.7	20,600	43,800	270
280	36.9	406.6	33,300	33,300	44.3	425.1	26,400	41,800	50.7	435.7	18,600	41,400	280
290	32.9	391.9	28,700	28,700	41.0	414.0	24,300	38,900	47.7	426.9	16,800	38,900	290
300	28.4	374.6	24,400	24,400	37.4	401.5	22,300	34,600	44.5	417.1	15,100	36,300	300
310	23.2	353.3	20,200	20,200	33.5	387.1	20,400	29,900	41.2	406.1	13,500	33,800	310
320	16.3	324.4	16,100	16,100	29.1	370.2	18,700	25,600	37.6	393.6	11,900	31,300	320
330					23.9	349.6	17,000	21,400	33.7	379.4	10,500	28,800	330
340					17.4	322.2	15,300	17,400	29.4	362.7		26,300	340
350					5.4	269.5	13,400	13,400	24.3	342.4		22,200	350
360									17.9	315.6		18,300	360
370									7.0	267.7		14,300	370

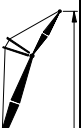
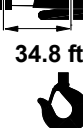
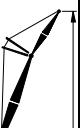
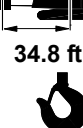
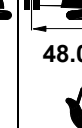
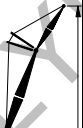
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



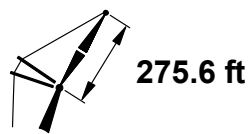
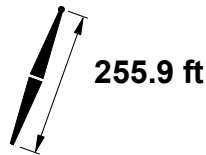
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	73.6	527.0	60,200	60,200									110
115	72.5	525.4	60,000	60,000									115
120	71.4	523.7	59,700	59,700									120
125	70.3	521.9	59,400	59,400									125
130	69.2	520.0	59,100	59,100	71.2	522.3	59,200	59,200					130
135	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	56,300	56,300	200
205	51.0	475.9	44,500	44,500	53.4	481.9	52,400	52,400	56.8	489.3	56,100	56,100	205
210	49.7	471.6	43,100	43,100	52.1	478.1	51,000	51,000	55.5	485.9	55,900	55,900	210
215	48.3	467.2	41,700	41,700	50.7	474.0	49,600	49,600	54.3	482.3	55,600	55,600	215
220	46.9	462.5	40,200	40,200	49.4	469.7	48,200	48,200	53.0	478.6	55,200	55,200	220
225	45.4	457.6	38,700	38,700	48.0	465.2	46,000	46,000	51.6	474.6	53,600	53,600	225
230	43.9	452.5	37,300	37,300	46.5	460.5	43,500	43,500	50.3	470.5	51,000	51,000	230
235	42.4	447.0	36,000	36,000	45.1	455.5	41,200	41,200	48.9	466.1	48,400	48,400	235
240	40.8	441.3	34,600	34,600	43.6	450.3	38,900	38,900	47.5	461.6	45,900	45,900	240
245	39.1	435.2	32,400	32,400	42.0	444.8	36,600	36,600	46.1	456.8	43,400	43,400	245
250	37.4	428.7	30,300	30,300	40.4	439.0	34,500	34,500	44.6	451.7	41,000	41,000	250
260	33.8	414.4	26,200	26,200	37.1	426.3	30,300	30,300	41.5	440.8	36,400	36,400	260
270	29.8	397.9	22,300	22,300	33.4	411.8	26,200	26,200	38.2	428.5	32,200	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-3

ASME B30.5



474,100 lb



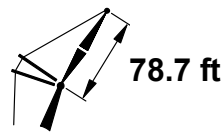
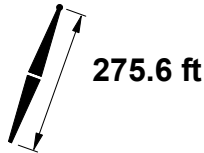
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200	63.3	500.2	52,400	52,400									200
205	62.1	497.5	52,400	52,400									205
210	60.9	494.7	52,400	52,400									210
215	59.7	491.8	52,400	52,400									215
220	58.5	488.8	52,300	52,400									220
225	57.3	485.6	50,400	52,400									225
230	56.0	482.2	48,500	52,400									230
235	54.7	478.7	46,700	52,400									235
240	53.4	475.0	45,000	51,400	58.8	482.7	35,400	47,400					240
245	52.1	471.1	43,400	49,900	57.6	479.5	34,000	47,400					245
250	50.8	467.0	41,800	48,500	56.4	476.2	32,600	47,400					250
260	48.0	458.3	38,800	45,600	53.8	469.1	30,000	46,000					260
270	45.1	448.6	36,100	42,600	51.2	461.2	27,600	43,500					270
280	42.1	437.9	33,500	37,900	48.4	452.6	25,300	40,900	54.0	460.8	17,400	39,600	280
290	38.9	425.9	31,100	33,600	45.5	443.1	23,200	38,300	51.3	453.0	15,600	37,600	290
300	35.4	412.4	28,900	29,400	42.5	432.5	21,300	35,800	48.6	444.4	13,900	35,400	300
310	31.5	396.9	25,400	25,400	39.3	420.7	19,400	33,300	45.7	435.0	12,300	33,200	310
320	27.2	378.7	21,500	21,500	35.9	407.4	17,700	30,500	42.7	424.5	10,800	30,900	320
330	22.1	356.3	17,600	17,600	32.1	392.3	16,100	26,500	39.5	412.8		28,600	330
340	15.4	325.9	13,700	13,700	27.8	374.5	14,500	22,600	36.1	399.6		26,400	340
350					22.9	352.8	13,000	18,800	32.3	384.6		24,200	350
360					16.5	323.9	11,600	14,900	28.1	367.0		22,000	360
370					4.2	265.9	10,000	11,100	23.2	345.7		19,500	370
380									17.0	317.5		15,700	380
390									6.0	265.7		12,000	390

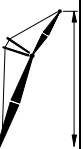
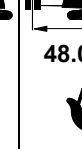
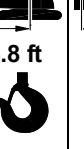
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



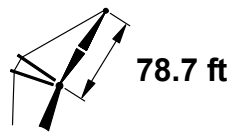
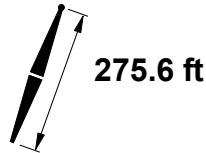
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
60	70.6	356.3	184,600 d	184,600 d									60
65	66.6	354.2	182,200 d	182,200 d									65
70	62.5	351.6	179,100 c	179,100 c	70.3	355.1	185,500 d	185,500 d					70
75	58.3	348.5	175,600 c	175,600 c	66.3	352.9	183,700 d	183,700 d					75
80	53.8	344.9	164,400 b	164,400 b	62.2	350.3	181,000 c	181,000 c					80
85	49.0	340.6	154,500 b	154,500 b	57.9	347.2	177,900 b	177,900 b					85
90	43.8	335.4	146,100	146,100	53.4	343.5	170,400 b	170,400 b	65.8	350.3	183,900 d	183,900 d	90
95	38.0	329.2	139,100	139,100	48.6	339.1	162,000 b	162,000 b	61.7	347.6	177,500 c	177,500 c	95
100	31.2	321.4	133,200	133,200	43.3	333.9	153,900	153,900	57.3	344.4	168,900 b	168,900 b	100
105	22.5	310.6	128,900	128,900	37.5	327.6	145,600	145,600	52.8	340.7	160,400 b	160,400 b	105
110					30.6	319.6	137,200	137,200	47.9	336.2	152,100 b	152,100 b	110
115					21.7	308.4	128,900	128,900	42.6	330.9	144,000	144,000	115
120									36.6	324.4	136,100	136,100	120
125									29.6	316.1	128,300	128,300	125
130									20.2	304.2	120,300	120,300	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.4	341.4	150,000 c	156,000 c									120
125	56.1	338.0	142,800 b	148,600 b									125
130	51.4	334.1	136,200 b	141,300 b									130
135	46.4	329.4	130,100	134,100									135
140	41.0	323.8	124,400	127,000									140
145	34.7	316.8	119,100	120,100	58.7	332.7	106,100 b	134,500 b					145
150	27.2	307.8	113,100	113,100	54.2	329.1	101,800 b	128,300 b					150
155	16.5	293.9	105,800	105,800	49.5	324.9	97,700 b	122,100 b					155
160					44.3	319.8	93,900	116,100					160
165					38.6	313.7	90,300	110,000					165
170					31.9	306.1	86,800	104,000					170
175					23.6	295.7	83,500	97,800	51.7	317.4	73,000 b	108,700 b	175
180					8.4	275.5	80,100	91,100	46.7	312.8	70,300	103,800	180
185									41.3	307.2	67,800	98,600	185
190									35.1	300.4	65,300	93,500	190
195									27.7	291.5	62,900	88,300	195
200									17.2	278.0	60,500	82,800	200

MLC300 VPC-MAX S-3

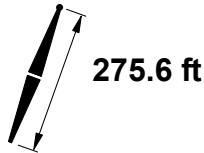
ASME B30.5



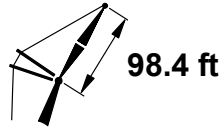
474,100 lb



360°



275.6 ft



98.4 ft

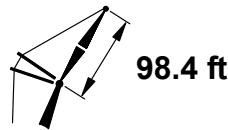
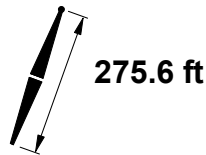
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65	71.6	375.5	160,400 d	160,400 d									65
70	68.4	373.5	158,700 c	158,700 c									70
75	65.2	371.2	156,500 c	156,500 c	71.3	374.3	160,900 d	160,900 d					75
80	61.9	368.5	153,800 b	153,800 b	68.2	372.3	159,800 c	159,800 c					80
85	58.5	365.5	151,200 b	151,200 b	65.0	369.9	158,200 b	158,200 b					85
90	55.0	362.0	143,000	143,000	61.7	367.2	156,100 b	156,100 b					90
95	51.2	358.0	135,300	135,300	58.2	364.1	153,700 b	153,700 b	67.8	369.7	159,500 c	159,500 c	95
100	47.3	353.4	128,600	128,600	54.7	360.6	149,700	149,700	64.5	367.3	158,800 b	158,800 b	100
105	43.1	348.2	122,700	122,700	50.9	356.6	143,200	143,200	61.2	364.6	154,800 b	154,800 b	105
110	38.5	342.0	117,600	117,600	47.0	352.0	136,800	136,800	57.8	361.4	148,100 b	148,100 b	110
115	33.3	334.7	113,400	113,400	42.7	346.7	130,300	130,300	54.2	357.9	141,500	141,500	115
120	27.2	325.5	109,900	109,900	38.1	340.4	124,000	124,000	50.4	353.8	135,000	135,000	120
125	19.3	312.9	107,600	107,600	32.9	333.0	117,900	117,900	46.4	349.1	128,700	128,700	125
130					26.7	323.6	111,800	111,800	42.1	343.6	122,600	122,600	130
135					18.6	310.6	105,600	105,600	37.4	337.3	116,700	116,700	135
140									32.1	329.6	110,800	110,800	140
145									25.8	319.9	104,900	104,900	145
150									17.2	306.0	98,900	98,900	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



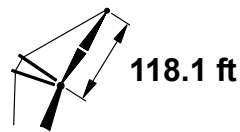
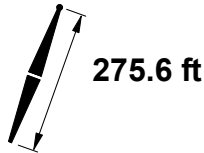
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	63.6	361.2	141,000 b	142,700 b									125
130	60.2	358.3	134,600 b	136,900 b									130
135	56.8	355.0	128,600	131,100									135
140	53.1	351.3	123,200	125,400									140
145	49.3	347.1	118,000	119,800									145
150	45.2	342.2	113,200	114,200									150
155	40.8	336.5	108,700	108,900	58.9	349.6	95,700	118,700					155
160	36.0	329.8	103,600	103,600	55.3	346.2	92,000	113,800					160
165	30.4	321.7	98,400	98,400	51.6	342.2	88,500	108,900					165
170	23.6	311.1	93,000	93,000	47.7	337.8	85,100	104,100					170
175	13.7	294.8	87,300	87,300	43.5	332.6	82,000	99,400					175
180					39.0	326.5	79,000	94,800					180
185					33.9	319.3	76,200	90,100	53.3	334.7	65,800	96,800	185
190					27.9	310.4	73,500	85,500	49.5	330.4	63,400	92,800	190
195					20.3	298.3	70,800	80,700	45.5	325.6	61,200	88,800	195
200					4.8	272.3	68,000	75,300	41.1	320.0	59,000	84,800	200
205									36.3	313.3	57,000	80,800	205
210									30.7	305.3	55,000	76,800	210
215									24.0	294.9	53,100	72,800	215
220									14.4	279.1	51,100	68,400	220

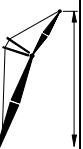
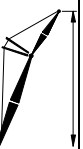
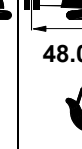
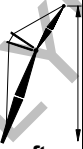
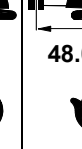
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



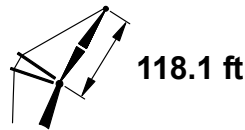
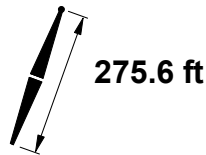
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
70	72.2	394.6	142,000 c	142,000 c									70
75	69.6	392.7	140,700 b	140,700 b									75
80	67.0	390.6	138,900 b	138,900 b	72.0	393.4	142,400 c	142,400 c					80
85	64.3	388.2	136,900	136,900	69.4	391.5	141,800 b	141,800 b					85
90	61.5	385.5	134,700	134,700	66.8	389.3	140,400 b	140,400 b					90
95	58.7	382.4	132,300	132,300	64.1	386.9	138,900	138,900					95
100	55.7	379.0	125,400	125,400	61.3	384.2	137,000	137,000					100
105	52.7	375.3	119,300	119,300	58.5	381.1	135,100	135,100	66.4	386.8	140,500 b	140,500 b	105
110	49.5	371.0	113,800	113,800	55.5	377.7	131,300	131,300	63.7	384.3	139,800	139,800	110
115	46.2	366.3	109,000	109,000	52.5	373.9	126,000	126,000	60.9	381.5	135,000	135,000	115
120	42.6	360.9	104,600	104,600	49.3	369.6	120,800	120,800	58.1	378.4	129,600	129,600	120
125	38.8	354.8	100,900	100,900	45.9	364.8	115,600	115,600	55.1	374.9	124,200	124,200	125
130	34.6	347.8	97,600	97,600	42.3	359.4	110,600	110,600	52.0	371.1	119,000	119,000	130
135	29.9	339.4	94,900	94,900	38.5	353.2	105,700	105,700	48.8	366.7	114,000	114,000	135
140	24.3	329.0	92,800	92,800	34.3	346.1	100,900	100,900	45.5	361.9	109,000	109,000	140
145	16.9	314.7	90,000	90,000	29.5	337.6	96,200	96,200	41.8	356.4	104,200	104,200	145
150					23.8	327.0	91,500	91,500	38.0	350.1	99,600	99,600	150
155					16.2	312.2	86,600	86,600	33.7	342.8	95,000	95,000	155
160									28.8	334.1	90,500	90,500	160
165									22.9	323.1	86,000	86,000	165
170									14.9	307.3	81,100	81,100	170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



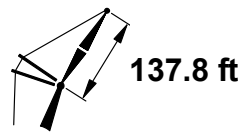
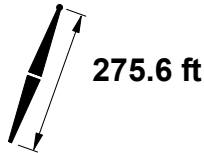
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.9	378.1	124,500	124,500									135
140	60.1	375.3	119,100	119,800									140
145	57.2	372.1	114,000	115,000									145
150	54.2	368.5	109,300	110,300									150
155	51.1	364.5	104,900	105,800									155
160	47.9	360.0	100,800	101,400									160
165	44.4	354.9	97,000	97,000	59.0	366.6	84,100	103,700					165
170	40.8	349.2	92,700	92,700	56.0	363.2	80,900	99,700					170
175	36.8	342.7	88,600	88,600	53.0	359.5	77,900	95,800					175
180	32.3	335.1	84,500	84,500	49.9	355.3	75,000	92,000					180
185	27.2	325.8	80,300	80,300	46.5	350.6	72,300	88,100					185
190	21.0	313.9	76,100	76,100	43.0	345.3	69,700	84,300					190
195	11.5	295.0	71,500	71,500	39.2	339.3	67,200	80,600					195
200					35.1	332.4	64,900	77,000	51.3	347.8	54,800	81,400	200
205					30.4	324.1	62,600	73,300	48.1	343.4	52,800	78,100	205
210					24.9	314.0	60,400	69,700	44.6	338.4	51,000	74,900	210
215					17.8	300.3	58,300	65,900	41.0	332.7	49,200	71,700	215
220									37.0	326.2	47,500	68,600	220
225									32.6	318.6	45,800	65,400	225
230									27.5	309.5	44,200	62,300	230
235									21.3	297.8	42,600	59,000	235
240									12.2	279.6	41,000	55,500	240

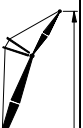
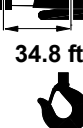
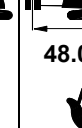
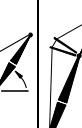
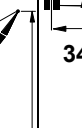
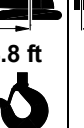
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



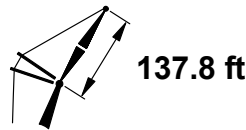
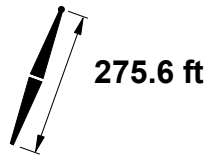
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
75	72.6	413.7	125,400 b	125,400 b									75
80	70.4	411.9	124,300 b	124,300 b									80
85	68.2	409.9	123,100	123,100									85
90	65.9	407.7	121,600	121,600	70.3	410.7	124,900 b	124,900 b					90
95	63.6	405.2	119,900	119,900	68.0	408.6	124,200	124,200					95
100	61.2	402.4	118,200	118,200	65.7	406.4	123,300	123,300					100
105	58.8	399.4	116,500	116,500	63.4	403.9	121,900	121,900					105
110	56.3	396.1	111,600	111,600	61.0	401.1	120,500	120,500	67.7	406.1	123,500	123,500	110
115	53.7	392.4	106,600	106,600	58.6	398.1	119,000	119,000	65.4	403.8	123,300	123,300	115
120	51.1	388.4	102,000	102,000	56.1	394.7	117,500	117,500	63.1	401.3	122,800	122,800	120
125	48.3	384.0	98,000	98,000	53.5	391.0	113,100	113,100	60.7	398.5	120,200	120,200	125
130	45.4	379.1	94,300	94,300	50.8	387.0	108,700	108,700	58.3	395.4	115,800	115,800	130
135	42.3	373.7	91,000	91,000	48.1	382.5	104,400	104,400	55.8	392.0	111,400	111,400	135
140	39.0	367.6	88,100	88,100	45.1	377.6	100,400	100,400	53.2	388.3	107,100	107,100	140
145	35.5	360.7	85,100	85,100	42.1	372.1	96,300	96,300	50.5	384.2	102,900	102,900	145
150	31.6	352.9	82,100	82,100	38.8	366.0	92,400	92,400	47.7	379.7	98,800	98,800	150
155	27.2	343.5	79,400	79,400	35.2	359.1	88,600	88,600	44.7	374.7	94,900	94,900	155
160	22.0	332.0	77,200	77,200	31.3	351.1	84,800	84,800	41.6	369.1	91,000	91,000	160
165	15.0	316.0	75,900	75,900	26.9	341.7	81,100	81,100	38.3	362.9	87,300	87,300	165
170					21.5	329.9	77,300	77,300	34.7	355.8	83,600	83,600	170
175					14.3	313.3	73,300	73,300	30.7	347.7	80,000	80,000	175
180									26.2	338.0	76,300	76,300	180
185									20.7	325.8	72,600	72,600	185
190									13.1	308.0	68,700	68,700	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



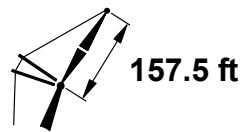
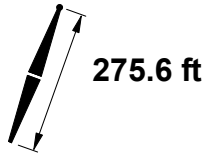
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.4	395.1	111,000	111,000									145
150	60.0	392.2	107,100	107,100									150
155	57.6	389.0	103,100	103,200									155
160	55.0	385.6	99,000	99,300									160
165	52.4	381.7	95,200	95,600									165
170	49.7	377.5	91,600	91,800									170
175	46.8	372.9	88,200	88,200									175
180	43.9	367.7	84,700	84,700	56.6	380.2	73,000	89,600					180
185	40.7	362.0	81,300	81,300	54.0	376.6	70,300	86,400					185
190	37.3	355.5	77,800	77,800	51.3	372.6	67,800	83,100					190
195	33.6	348.2	74,500	74,500	48.6	368.3	65,400	79,900					195
200	29.5	339.7	71,100	71,100	45.7	363.4	63,100	76,800					200
205	24.8	329.4	67,800	67,800	42.6	358.1	60,900	73,600					205
210	18.9	316.1	64,300	64,300	39.4	352.1	58,800	70,600	52.5	365.1	48,900	73,300	210
215	9.7	294.6	60,500	60,500	35.9	345.3	56,800	67,600	49.8	360.9	47,200	70,600	215
220					32.0	337.5	54,900	64,700	47.0	356.3	45,600	67,900	220
225					27.7	328.4	53,000	61,700	44.0	351.1	44,000	65,200	225
230					22.6	317.2	51,200	58,700	40.9	345.5	42,400	62,600	230
235					15.9	301.8	49,500	55,500	37.5	339.1	41,000	60,000	235
240									33.8	331.8	39,500	57,300	240
245									29.7	323.3	38,100	54,800	245
250									25.0	313.2	36,800	52,200	250
260									10.4	279.5	34,100	46,500	260

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



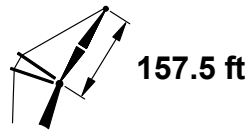
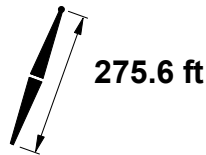
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80	73.0	432.8	111,800	111,800									80
85	71.1	431.0	111,000	111,000									85
90	69.1	429.1	110,000	110,000									90
95	67.1	427.0	108,900	108,900	70.9	429.8	111,400	111,400					95
100	65.1	424.7	107,600	107,600	69.0	427.9	110,900	110,900					100
105	63.1	422.1	106,200	106,200	67.0	425.8	110,200	110,200					105
110	61.0	419.4	104,700	104,700	65.0	423.4	109,300	109,300					110
115	58.9	416.4	102,500	102,500	62.9	420.9	108,200	108,200	68.7	425.4	109,700	109,700	115
120	56.7	413.1	98,600	98,600	60.8	418.1	107,100	107,100	66.7	423.2	109,700	109,700	120
125	54.5	409.5	94,700	94,700	58.7	415.0	105,800	105,800	64.7	420.8	109,600	109,600	125
130	52.2	405.7	91,000	91,000	56.5	411.7	104,300	104,300	62.6	418.3	109,100	109,100	130
135	49.8	401.5	87,400	87,400	54.3	408.2	100,600	100,600	60.6	415.4	106,500	106,500	135
140	47.3	396.9	83,900	83,900	52.0	404.3	96,900	96,900	58.4	412.4	102,700	102,700	140
145	44.8	391.9	80,500	80,500	49.6	400.0	93,300	93,300	56.2	409.0	99,000	99,000	145
150	42.1	386.4	77,400	77,400	47.1	395.4	89,800	89,800	54.0	405.4	95,400	95,400	150
155	39.2	380.4	74,400	74,400	44.6	390.4	86,400	86,400	51.7	401.5	91,900	91,900	155
160	36.2	373.6	71,700	71,700	41.8	384.9	83,100	83,100	49.3	397.2	88,400	88,400	160
165	32.9	366.1	69,200	69,200	39.0	378.8	79,900	79,900	46.8	392.5	85,000	85,000	165
170	29.2	357.4	67,100	67,100	35.9	372.0	76,700	76,700	44.2	387.4	81,800	81,800	170
175	25.1	347.2	65,100	65,100	32.6	364.4	73,600	73,600	41.5	381.8	78,500	78,500	175
180	20.2	334.6	63,600	63,600	28.9	355.6	70,500	70,500	38.6	375.7	75,500	75,500	180
185	13.5	316.9	62,800	62,800	24.7	345.3	67,500	67,500	35.5	368.8	72,400	72,400	185
190					19.7	332.4	64,300	64,300	32.1	361.0	69,400	69,400	190
195					12.8	314.0	61,000	61,000	28.4	352.1	66,400	66,400	195
200									24.1	341.5	63,400	63,400	200
205									18.9	328.1	60,300	60,300	205
210									11.5	308.4	56,900	56,900	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
260													260
270													270
280													280

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.1	412.1	98,100	98,100									155
160	60.0	409.2	94,800	94,800									160
165	57.8	406.0	91,100	91,500									165
170	55.6	402.6	87,600	88,200									170
175	53.3	398.9	84,200	85,000									175
180	51.0	394.9	81,100	81,900									180
185	48.6	390.5	78,100	78,800									185
190	46.1	385.7	75,300	75,700	56.9	397.3	63,500	79,200					190
195	43.4	380.5	72,600	72,800	54.7	393.7	61,200	76,400					195
200	40.7	374.7	69,900	69,900	52.4	389.9	58,900	73,700					200
205	37.7	368.4	67,100	67,100	50.0	385.7	56,800	70,900					205
210	34.6	361.3	64,300	64,300	47.6	381.2	54,800	68,300					210
215	31.1	353.2	61,500	61,500	45.0	376.2	52,800	65,600					215
220	27.2	343.8	58,800	58,800	42.3	370.8	51,000	63,000	53.5	382.3	41,200	64,400	220
225	22.8	332.6	55,900	55,900	39.5	364.8	49,200	60,400	51.1	378.2	39,600	62,100	225
230	17.2	318.0	53,000	53,000	36.5	358.2	47,500	57,900	48.7	373.9	38,200	59,700	230
235	8.1	293.6	49,700	49,700	33.2	350.7	45,800	55,500	46.2	369.1	36,800	57,500	235
240					29.6	342.2	44,200	52,900	43.6	363.9	35,400	55,200	240
245					25.5	332.2	42,700	50,500	40.8	358.2	34,100	53,000	245
250					20.7	319.9	41,200	47,900	37.9	351.9	32,800	50,800	250
260									31.3	336.8	30,400	46,500	260
270									23.0	316.4	28,100	42,200	270
280									8.8	278.8	25,800	37,300	280

MLC300 VPC-MAX S-3

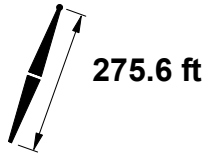
ASME B30.5



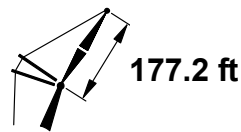
474,100 lb



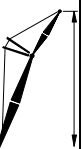
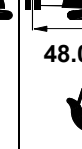
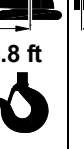
360°



275.6 ft



177.2 ft

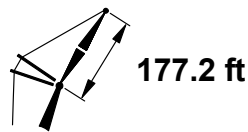
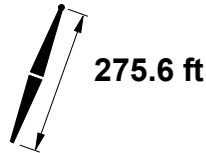
	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
85	73.2	451.8	98,900	98,900									85
90	71.5	450.2	98,400	98,400									90
95	69.8	448.3	97,700	97,700									95
100	68.1	446.3	96,900	96,900	71.4	448.9	98,500	98,500					100
105	66.3	444.1	96,000	96,000	69.7	447.1	98,200	98,200					105
110	64.5	441.7	94,900	94,900	67.9	445.0	97,800	97,800					110
115	62.7	439.1	93,800	93,800	66.2	442.8	97,200	97,200					115
120	60.8	436.3	92,700	92,700	64.4	440.4	96,500	96,500					120
125	58.9	433.3	89,800	89,800	62.5	437.8	95,600	95,600	67.7	442.5	96,700	96,700	125
130	57.0	430.1	86,500	86,500	60.7	435.0	94,700	94,700	65.9	440.3	96,700	96,700	130
135	55.0	426.6	83,300	83,300	58.8	432.0	92,900	92,900	64.1	437.8	96,600	96,600	135
140	53.0	422.8	79,000	79,000	56.9	428.7	88,100	88,100	62.3	435.2	96,300	96,300	140
145	50.9	418.8	74,900	74,900	54.9	425.2	83,600	83,600	60.4	432.4	94,600	94,600	145
150	48.8	414.5	71,000	71,000	52.9	421.5	79,300	79,300	58.5	429.3	91,600	91,600	150
155	46.6	409.8	67,400	67,400	50.8	417.4	75,200	75,200	56.6	426.0	88,200	88,200	155
160	44.3	404.7	63,800	63,800	48.6	413.0	71,200	71,200	54.6	422.5	83,700	83,700	160
165	41.9	399.2	60,500	60,500	46.4	408.3	67,500	67,500	52.6	418.7	79,400	79,400	165
170	39.3	393.1	57,400	57,400	44.1	403.2	64,100	64,100	50.5	414.6	75,200	75,200	170
175	36.7	386.5	54,400	54,400	41.7	397.6	60,600	60,600	48.3	410.2	71,300	71,300	175
180	33.8	379.2	51,500	51,500	39.1	391.6	57,500	57,500	46.1	405.4	67,500	67,500	180
185	30.7	371.0	48,800	48,800	36.4	384.9	54,500	54,500	43.8	400.2	64,000	64,000	185
190	27.2	361.6	46,200	46,200	33.6	377.5	51,600	51,600	41.3	394.6	60,700	60,700	190
195	23.3	350.5	43,800	43,800	30.4	369.2	48,900	48,900	38.8	388.4	57,500	57,500	195
200	18.6	336.8	41,500	41,500	27.0	359.7	46,300	46,300	36.1	381.7	54,400	54,400	200
205	12.1	317.4	39,300	39,300	23.0	348.5	43,900	43,900	33.2	374.2	51,600	51,600	205
210					18.2	334.5	41,600	41,600	30.0	365.8	48,900	48,900	210
215					11.4	314.3	39,400	39,400	26.5	356.1	46,300	46,300	215
220									22.4	344.6	43,900	43,900	220
225									17.4	330.1	41,600	41,600	225
230									10.2	308.2	39,400	39,400	230
235													235
240													240
245													245
250													250
260													260
270													270
280													280
290													290
300													300

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



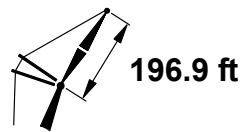
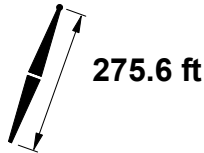
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160	63.6	431.7	89,800	89,800									160
165	61.8	429.0	87,100	87,100									165
170	59.9	426.1	84,400	84,400									170
175	58.0	423.0	81,600	81,600									175
180	56.0	419.6	78,900	78,900									180
185	54.0	416.0	76,200	76,200									185
190	52.0	412.1	73,500	73,600									190
195	49.9	407.9	70,900	70,900									195
200	47.7	403.4	68,400	68,400	57.2	414.2	57,000	70,500					200
205	45.4	398.5	65,900	65,900	55.3	410.8	54,900	68,100					205
210	43.1	393.2	63,400	63,400	53.2	407.1	52,900	65,800					210
215	40.6	387.5	60,300	60,300	51.2	403.1	51,000	63,600					215
220	38.0	381.2	57,100	57,100	49.0	398.7	49,100	61,200					220
225	35.3	374.2	54,200	54,200	46.8	394.1	47,400	59,100					225
230	32.3	366.5	51,300	51,300	44.5	389.0	45,700	56,800					230
235	29.0	357.7	48,600	48,600	42.1	383.6	44,100	54,700	52.1	395.5	34,800	55,200	235
240	25.4	347.6	46,000	46,000	39.6	377.6	42,600	52,600	50.0	391.3	33,500	53,300	240
245	21.1	335.4	43,600	43,600	36.9	371.0	41,100	50,400	47.8	386.8	32,200	51,400	245
250	15.7	319.5	41,300	41,300	34.1	363.8	39,700	48,300	45.6	382.0	31,000	49,500	250
260					27.6	346.4	36,900	44,200	40.8	370.9	28,600	45,700	260
270					19.1	322.2	34,400	39,900	35.4	357.7	26,500	42,100	270
280									29.2	341.4	24,400	38,500	280
290									21.3	319.3	22,400	34,800	290
300									7.4	277.5	20,400	30,500	300

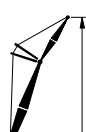
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



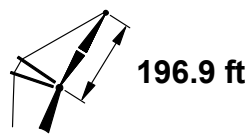
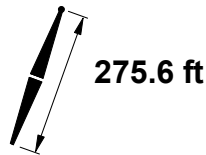
	 85°				 83°				 80°					
														
	ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90	73.4		470.9	87,900	87,900									90
95	71.9		469.3	87,500	87,500									95
100	70.4		467.5	86,900	86,900									100
105	68.8		465.5	86,200	86,200	71.8	468.0	87,500	87,500					105
110	67.2		463.4	85,500	85,500	70.2	466.2	87,300	87,300					110
115	65.6		461.1	84,600	84,600	68.7	464.3	87,000	87,000					115
120	64.0		458.7	83,700	83,700	67.1	462.2	87,000	87,000					120
125	62.4		456.1	82,800	82,800	65.5	459.9	86,000	86,000					125
130	60.7		453.3	80,500	80,500	63.9	457.4	85,300	85,300	68.5	461.8	85,800	85,800	130
135	59.0		450.3	77,800	77,800	62.2	454.8	84,600	84,600	66.9	459.6	85,800	85,800	135
140	57.3		447.1	75,100	75,100	60.6	452.0	83,900	83,900	65.3	457.3	85,800	85,800	140
145	55.5		443.6	72,500	72,500	58.9	449.0	83,100	83,100	63.7	454.8	85,700	85,700	145
150	53.7		440.0	69,900	69,900	57.1	445.7	81,500	81,500	62.0	452.2	85,400	85,400	150
155	51.9		436.1	67,400	67,400	55.4	442.3	78,800	78,800	60.3	449.3	83,600	83,600	155
160	50.0		431.9	64,900	64,900	53.6	438.6	76,200	76,200	58.6	446.3	80,900	80,900	160
165	48.0		427.4	62,500	62,500	51.7	434.7	73,700	73,700	56.9	443.0	78,200	78,200	165
170	46.0		422.6	60,300	60,300	49.8	430.5	71,200	71,200	55.1	439.6	75,600	75,600	170
175	43.9		417.5	58,100	58,100	47.8	426.0	68,700	68,700	53.3	435.8	73,000	73,000	175
180	41.7		411.9	56,100	56,100	45.8	421.1	66,300	66,300	51.5	431.9	70,500	70,500	180
185	39.4		405.9	54,200	54,200	43.7	416.0	64,100	64,100	49.5	427.6	68,000	68,000	185
190	37.1		399.4	52,400	52,400	41.5	410.4	61,900	61,900	47.6	423.1	65,600	65,600	190
195	34.5		392.2	50,700	50,700	39.3	404.3	59,800	59,800	45.6	418.2	63,200	63,200	195
200	31.8		384.3	49,100	49,100	36.9	397.7	57,700	57,700	43.4	413.0	60,900	60,900	200
205	28.8		375.5	47,800	47,800	34.3	390.5	55,500	55,500	41.2	407.3	58,700	58,700	205
210	25.6		365.4	46,500	46,500	31.6	382.6	53,300	53,300	38.9	401.2	56,400	56,400	210
215	21.8		353.5	45,500	45,500	28.6	373.6	51,100	51,100	36.5	394.6	54,300	54,300	215
220	17.3		338.7	44,800	44,800	25.3	363.4	49,000	49,000	34.0	387.3	52,100	52,100	220
225	10.9		317.6	43,600	43,600	21.5	351.4	46,800	46,800	31.2	379.2	50,000	50,000	225
230						16.9	336.3	44,500	44,500	28.2	370.1	47,900	47,900	230
235						10.3	314.2	41,700	41,700	24.8	359.7	45,700	45,700	235
240										20.9	347.4	43,600	43,600	240
245										16.1	331.7	41,300	41,300	245
250										9.0	307.6	38,600	38,600	250
260														260
270														270
280														280
290														290
300														300
310														310
320														320

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



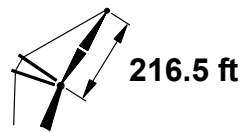
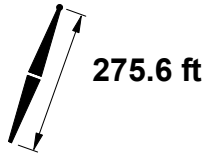
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170	63.2	448.7	79,000	79,000									170
175	61.5	446.0	76,600	76,600									175
180	59.9	443.1	74,300	74,300									180
185	58.1	440.0	71,900	71,900									185
190	56.4	436.7	69,200	69,600									190
195	54.6	433.1	66,600	67,200									195
200	52.8	429.3	64,100	64,900									200
205	50.9	425.3	61,700	62,500									205
210	49.0	421.0	59,500	60,400	57.4	431.2	48,300	61,700					210
215	47.0	416.3	57,300	58,100	55.7	427.8	46,400	59,600					215
220	45.0	411.3	55,300	56,000	53.9	424.2	44,600	57,600					220
225	42.8	406.0	53,300	53,800	52.0	420.3	42,900	55,600					225
230	40.6	400.2	51,500	51,800	50.2	416.1	41,300	53,500					230
235	38.3	394.0	49,700	49,700	48.2	411.7	39,700	51,600					235
240	35.8	387.1	47,700	47,700	46.2	406.9	38,200	49,700					240
245	33.2	379.6	45,700	45,700	44.1	401.8	36,800	47,700	52.9	412.7	27,500	47,700	245
250	30.3	371.3	43,700	43,700	41.9	396.3	35,400	45,900	51.0	408.6	26,300	46,000	250
260	23.8	351.0	39,800	39,800	37.3	383.9	32,800	42,200	47.1	399.7	24,100	42,600	260
270	14.5	320.7	35,500	35,500	32.1	369.0	30,300	38,700	42.9	389.4	22,000	39,300	270
280					25.9	350.3	28,000	35,100	38.4	377.5	20,000	36,100	280
290					17.8	324.3	25,800	31,400	33.3	363.2	18,200	32,900	290
300									27.4	345.5	16,500	29,800	300
310									19.9	321.8	14,800	26,600	310
320									6.1	275.4	13,000	22,900	320

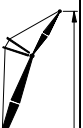
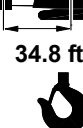
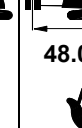
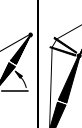
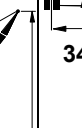
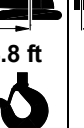
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	lb	ft
95	73.6	489.9	77,900	77,900									95
100	72.2	488.3	77,600	77,600									100
105	70.8	486.6	77,200	77,200									105
110	69.4	484.7	76,700	76,700									110
115	68.0	482.7	76,100	76,100	70.7	485.4	77,300	77,300					115
120	66.5	480.5	75,600	75,600	69.3	483.5	77,300	77,300					120
125	65.1	478.2	74,800	74,800	67.9	481.4	76,800	76,800					125
130	63.6	475.7	74,100	74,100	66.4	479.3	76,400	76,400					130
135	62.1	473.1	72,800	72,800	65.0	476.9	76,000	76,000					135
140	60.6	470.2	70,600	70,600	63.5	474.4	75,500	75,500	67.7	478.9	75,600	75,600	140
145	59.0	467.2	68,300	68,300	62.0	471.8	74,900	74,900	66.2	476.7	75,600	75,600	145
150	57.5	464.1	66,100	66,100	60.5	468.9	74,400	74,400	64.8	474.3	75,600	75,600	150
155	55.9	460.7	63,800	63,800	58.9	465.9	73,700	73,700	63.3	471.8	75,600	75,600	155
160	54.2	457.1	61,700	61,700	57.4	462.7	72,000	72,000	61.8	469.1	75,400	75,400	160
165	52.6	453.3	59,600	59,600	55.8	459.3	69,800	69,800	60.3	466.3	74,700	74,700	165
170	50.9	449.2	57,500	57,500	54.1	455.7	67,600	67,600	58.7	463.3	72,400	72,400	170
175	49.1	444.9	55,500	55,500	52.5	451.9	65,500	65,500	57.1	460.0	70,100	70,100	175
180	47.3	440.3	53,600	53,600	50.7	447.8	63,400	63,400	55.5	456.6	67,800	67,800	180
185	45.5	435.4	51,800	51,800	49.0	443.5	61,300	61,300	53.9	453.0	65,600	65,600	185
190	43.6	430.2	50,000	50,000	47.2	438.9	59,300	59,300	52.2	449.1	63,400	63,400	190
195	41.6	424.6	48,300	48,300	45.3	434.0	57,400	57,400	50.5	445.0	61,300	61,300	195
200	39.5	418.6	46,800	46,800	43.4	428.7	55,500	55,500	48.8	440.6	59,100	59,100	200
205	37.4	412.2	45,300	45,300	41.4	423.1	53,700	53,700	47.0	436.0	57,000	57,000	205
210	35.1	405.2	43,900	43,900	39.4	417.1	52,000	52,000	45.1	431.0	55,000	55,000	210
215	32.7	397.5	42,600	42,600	37.2	410.6	50,300	50,300	43.2	425.7	53,000	53,000	215
220	30.1	389.0	41,500	41,500	34.9	403.5	48,400	48,400	41.2	420.1	51,100	51,100	220
225	27.2	379.6	40,400	40,400	32.5	395.8	46,600	46,600	39.1	414.0	49,200	49,200	225
230	24.1	368.8	39,400	39,400	29.9	387.3	44,800	44,800	36.9	407.4	47,300	47,300	230
235	20.5	356.2	38,700	38,700	27.0	377.7	42,900	42,900	34.6	400.3	45,400	45,400	235
240	16.1	340.4	38,200	38,200	23.8	366.9	41,000	41,000	32.1	392.5	43,600	43,600	240
245	9.9	317.3	36,100	36,100	20.2	354.0	39,100	39,100	29.5	383.8	41,800	41,800	245
250					15.7	337.9	36,900	36,900	26.6	374.1	39,900	39,900	250
260									19.7	349.8	36,200	36,200	260
270									7.9	306.6	31,700	31,700	270
280													280
290													290
300													300
310													310
320													320
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340													340

MLC300 VPC-MAX S-3

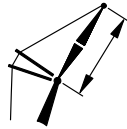
ASME B30.5



474,100 lb



275.6 ft



216.5 ft

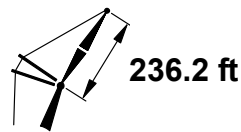
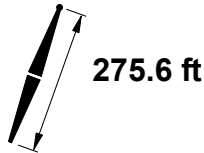
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180	62.9	465.7	70,300	70,300									180
185	61.3	462.9	68,300	68,300									185
190	59.8	460.0	66,300	66,300									190
195	58.3	456.9	64,200	64,200									195
200	56.7	453.7	61,700	62,200									200
205	55.1	450.2	59,400	60,100									205
210	53.4	446.5	57,200	58,100									210
215	51.7	442.5	55,100	56,100									215
220	50.0	438.4	53,000	54,100	57.6	448.2	42,100	54,700					220
225	48.2	433.9	51,100	52,200	56.0	444.9	40,400	52,900					225
230	46.4	429.2	49,200	50,300	54.4	441.3	38,800	51,200					230
235	44.5	424.1	47,500	48,400	52.8	437.5	37,300	49,400					235
240	42.6	418.8	45,800	46,600	51.1	433.5	35,800	47,600					240
245	40.6	413.0	44,100	44,800	49.3	429.2	34,400	45,900					245
250	38.5	406.7	42,600	43,000	47.5	424.6	33,000	44,200					250
260	33.9	392.7	39,500	39,500	43.8	414.6	30,400	40,900	51.8	425.9	21,500	40,400	260
270	28.7	375.7	36,100	36,100	39.7	403.1	28,100	37,700	48.3	417.3	19,500	37,400	270
280	22.4	354.1	32,600	32,600	35.3	389.7	25,800	34,500	44.6	407.6	17,600	34,500	280
290	13.4	321.6	28,900	28,900	30.3	373.8	23,700	31,400	40.7	396.4	15,800	31,700	290
300					24.4	353.8	21,700	28,300	36.4	383.5	14,100	28,900	300
310					16.6	326.0	19,800	25,000	31.5	368.2	12,600	26,200	310
320									25.9	349.4	11,100	23,500	320
330									18.7	324.1		20,600	330
340									4.7	272.2		17,200	340

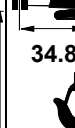
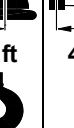
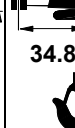
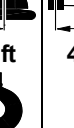
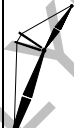
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
100	73.8	509.0	69,100	69,100									100
105	72.5	507.4	68,900	68,900									105
110	71.2	505.7	68,600	68,600									110
115	69.9	503.9	68,200	68,200									115
120	68.6	501.9	67,800	67,800	71.1	504.5	68,500	68,500					120
125	67.3	499.8	67,300	67,300	69.8	502.7	68,400	68,400					125
130	66.0	497.6	66,700	66,700	68.5	500.7	68,200	68,200					130
135	64.6	495.2	66,200	66,200	67.2	498.6	67,900	67,900					135
140	63.3	492.7	65,600	65,600	65.9	496.3	67,600	67,600					140
145	61.9	490.0	64,400	64,400	64.5	493.9	67,200	67,200	68.3	498.2	66,700	66,700	145
150	60.5	487.2	62,500	62,500	63.2	491.4	66,800	66,800	67.0	496.0	66,700	66,700	150
155	59.1	484.2	60,600	60,600	61.8	488.7	66,400	66,400	65.7	493.8	66,700	66,700	155
160	57.6	481.0	58,700	58,700	60.4	485.9	65,900	65,900	64.3	491.4	66,700	66,700	160
165	56.2	477.7	56,900	56,900	59.0	482.9	65,400	65,400	63.0	488.8	66,700	66,700	165
170	54.7	474.2	55,100	55,100	57.5	479.7	64,200	64,200	61.6	486.1	66,600	66,600	170
175	53.2	470.4	53,300	53,300	56.1	476.3	62,400	62,400	60.2	483.2	66,400	66,400	175
180	51.6	466.5	51,600	51,600	54.6	472.8	60,600	60,600	58.8	480.2	64,800	64,800	180
185	50.1	462.3	49,900	49,900	53.1	469.0	58,800	58,800	57.3	477.0	62,900	62,900	185
190	48.4	457.9	48,200	48,200	51.5	465.1	57,000	57,000	55.9	473.6	60,900	60,900	190
195	46.8	453.2	46,700	46,700	49.9	460.9	55,200	55,200	54.4	470.1	59,000	59,000	195
200	45.1	448.3	45,200	45,200	48.3	456.5	53,600	53,600	52.9	466.3	57,100	57,100	200
205	43.3	443.0	43,700	43,700	46.7	451.8	51,900	51,900	51.3	462.3	55,200	55,200	205
210	41.5	437.4	42,300	42,300	44.9	446.8	50,300	50,300	49.7	458.1	53,400	53,400	210
215	39.6	431.4	41,000	41,000	43.2	441.5	48,700	48,700	48.1	453.6	51,600	51,600	215
220	37.6	425.0	39,700	39,700	41.3	435.9	47,200	47,200	46.4	448.9	49,800	49,800	220
225	35.6	418.1	38,400	38,400	39.5	429.8	45,800	45,800	44.7	443.8	48,100	48,100	225
230	33.4	410.6	37,000	37,000	37.5	423.4	44,300	44,300	42.9	438.5	46,400	46,400	230
235	31.1	402.5	35,800	35,800	35.4	416.4	42,700	42,700	41.1	432.8	44,800	44,800	235
240	28.6	393.5	34,700	34,700	33.2	408.9	41,100	41,100	39.2	426.8	43,100	43,100	240
245	25.9	383.5	33,600	33,600	30.9	400.7	39,500	39,500	37.2	420.2	41,500	41,500	245
250	22.8	372.0	32,800	32,800	28.4	391.7	37,900	37,900	35.1	413.2	39,900	39,900	250
260	15.1	341.8	31,300	31,300	22.6	370.0	34,700	34,700	30.6	397.3	36,800	36,800	260
270					14.7	339.1	31,000	31,000	25.2	377.8	33,600	33,600	270
280									18.5	352.1	30,400	30,400	280
290									6.8	305.0	26,200	26,200	290
300													300
310													310
320													320
330													330
340													340
350													350
360													360

MLC300 VPC-MAX S-3

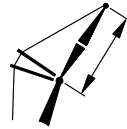
ASME B30.5



474,100 lb



275.6 ft



236.2 ft

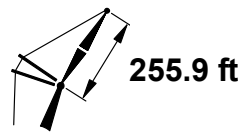
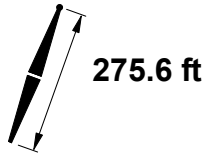
	75°				70°				65°				
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185	63.9	485.2	62,200	62,200									185
190	62.6	482.6	62,200	62,200									190
195	61.2	479.9	60,800	60,800									195
200	59.8	477.0	59,100	59,100									200
205	58.4	473.9	57,300	57,300									205
210	56.9	470.7	55,600	55,600									210
215	55.4	467.2	53,900	53,900									215
220	53.9	463.6	52,000	52,100									220
225	52.4	459.7	50,100	50,400									225
230	50.9	455.7	48,300	48,700	57.8	465.2	37,600	48,600					230
235	49.3	451.4	46,500	47,000	56.3	461.9	36,100	47,100					235
240	47.6	446.9	44,800	45,400	54.9	458.4	34,600	45,700					240
245	45.9	442.0	43,200	43,700	53.3	454.6	33,200	44,100					245
250	44.2	436.9	41,700	42,100	51.8	450.7	31,900	42,600					250
260	40.6	425.7	38,700	39,000	48.6	442.2	29,400	39,700					260
270	36.6	412.9	36,000	36,000	45.3	432.6	27,000	36,700	52.5	443.1	18,300	35,800	270
280	32.2	397.9	33,000	33,000	41.7	421.8	24,800	33,900	49.3	434.8	16,400	33,200	280
290	27.2	379.9	30,100	30,100	37.8	409.5	22,800	31,200	46.0	425.5	14,700	30,700	290
300	21.2	356.9	27,100	27,100	33.6	395.2	20,900	28,500	42.5	415.0	13,100	28,200	300
310	12.4	322.3	23,800	23,800	28.8	378.3	19,100	25,800	38.7	403.0	11,500	25,800	310
320					23.2	357.1	17,300	23,100	34.6	389.2	10,100	23,400	320
330					15.6	327.5	15,700	20,300	30.0	373.0		21,100	330
340									24.5	353.0		18,700	340
350									17.6	326.1		16,300	350
360									3.0	266.9		13,200	360

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



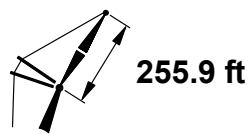
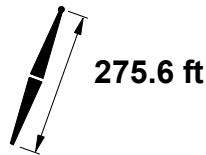
	85°				83°				80°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105	73.9	528.1	61,200	61,200									105
110	72.7	526.5	61,000	61,000									110
115	71.5	524.8	60,800	60,800									115
120	70.3	523.0	60,500	60,500									120
125	69.1	521.1	60,100	60,100	71.4	523.6	60,500	60,500					125
130	67.9	519.1	59,800	59,800	70.2	521.8	60,400	60,400					130
135	66.7	516.9	59,300	59,300	69.0	519.9	60,200	60,200					135
140	65.5	514.6	58,900	58,900	67.8	517.8	60,000	60,000					140
145	64.2	512.2	58,400	58,400	66.6	515.7	59,800	59,800					145
150	63.0	509.7	58,000	58,000	65.4	513.4	59,500	59,500	68.9	517.4	58,600	58,600	150
155	61.7	507.0	56,600	56,600	64.1	511.0	59,200	59,200	67.7	515.3	58,600	58,600	155
160	60.4	504.1	55,000	55,000	62.9	508.4	58,900	58,900	66.4	513.1	58,600	58,600	160
165	59.1	501.2	53,500	53,500	61.6	505.7	58,500	58,500	65.2	510.8	58,600	58,600	165
170	57.8	498.0	51,900	51,900	60.3	502.8	58,200	58,200	64.0	508.4	58,600	58,600	170
175	56.4	494.7	50,300	50,300	59.0	499.8	57,800	57,800	62.7	505.8	58,600	58,600	175
180	55.1	491.2	48,800	48,800	57.7	496.7	56,900	56,900	61.4	503.1	58,600	58,600	180
185	53.7	487.6	47,300	47,300	56.3	493.4	55,400	55,400	60.1	500.2	58,400	58,400	185
190	52.3	483.7	45,900	45,900	55.0	489.9	53,900	53,900	58.8	497.2	58,200	58,200	190
195	50.8	479.6	44,400	44,400	53.6	486.2	52,400	52,400	57.5	494.0	56,700	56,700	195
200	49.4	475.4	43,000	43,000	52.2	482.3	50,900	50,900	56.2	490.6	55,000	55,000	200
205	47.9	470.9	41,400	41,400	50.7	478.2	49,400	49,400	54.8	487.1	53,300	53,300	205
210	46.3	466.1	39,900	39,900	49.2	473.9	48,000	48,000	53.4	483.4	51,700	51,700	210
215	44.7	461.1	38,400	38,400	47.7	469.4	46,600	46,600	52.0	479.5	50,100	50,100	215
220	43.1	455.8	37,000	37,000	46.2	464.6	45,000	45,000	50.5	475.4	48,400	48,400	220
225	41.4	450.1	35,600	35,600	44.6	459.6	42,500	42,500	49.0	471.1	46,800	46,800	225
230	39.7	444.2	34,200	34,200	43.0	454.3	40,000	40,000	47.5	466.5	45,300	45,300	230
235	37.8	437.8	32,500	32,500	41.3	448.6	37,500	37,500	46.0	461.7	43,700	43,700	235
240	36.0	431.0	30,300	30,300	39.5	442.6	35,100	35,100	44.4	456.6	42,200	42,200	240
245	34.0	423.6	28,100	28,100	37.7	436.2	32,800	32,800	42.7	451.3	40,400	40,400	245
250	31.9	415.7	26,000	26,000	35.8	429.3	30,500	30,500	41.0	445.6	37,900	37,900	250
260	27.2	397.6	21,800	21,800	31.7	414.0	26,200	26,200	37.5	433.0	33,100	33,100	260
270	21.7	375.0	17,700	17,700	27.0	395.8	22,000	22,000	33.5	418.7	28,600	28,600	270
280	14.2	342.9	13,600	13,600	21.5	372.9	17,900	17,900	29.2	401.9	24,300	24,300	280
290					13.8	340.2	13,800	13,800	24.0	381.3	20,100	20,100	290
300									17.5	354.1	16,100	16,100	300
310									5.8	302.8	12,000	12,000	310
320													320
330													330
340													340
350													350
360													360
370													370

MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



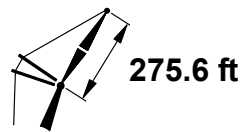
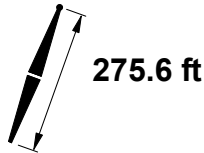
	75°				70°				65°				
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	lb	ft
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195	63.6	502.2	54,300	54,300									195
200	62.3	499.6	54,300	54,300									200
205	61.1	496.9	54,300	54,300									205
210	59.8	493.9	53,100	53,100									210
215	58.5	490.9	51,600	51,600									215
220	57.1	487.6	50,000	50,000									220
225	55.8	484.2	48,300	48,500									225
230	54.4	480.7	46,500	47,000									230
235	53.0	476.9	44,800	45,500									235
240	51.6	473.0	43,100	43,900	57.9	482.2	32,700	43,400					240
245	50.1	468.8	41,500	42,500	56.6	478.9	31,400	42,100					245
250	48.6	464.4	40,000	41,000	55.2	475.4	30,000	40,800					250
260	45.5	454.9	37,100	38,100	52.4	467.9	27,500	38,200					260
270	42.3	444.3	34,400	35,300	49.5	459.6	25,200	35,500					270
280	38.8	432.3	31,900	32,600	46.5	450.4	23,100	32,900	53.1	460.3	14,500	31,500	280
290	35.0	418.6	29,600	30,000	43.3	440.1	21,100	30,400	50.2	452.2	12,800	29,300	290
300	30.8	402.8	26,500	26,500	39.8	428.6	19,200	27,900	47.2	443.2	11,200	27,100	300
310	26.0	383.8	22,400	22,400	36.2	415.5	17,400	25,500	44.0	433.2		24,900	310
320	20.1	359.5	18,300	18,300	32.1	400.4	15,800	23,100	40.6	421.9		22,700	320
330	11.5	322.6	14,300	14,300	27.5	382.5	14,200	20,800	37.0	409.2		20,600	330
340					22.0	360.1	12,700	18,400	33.1	394.6		18,500	340
350					14.6	328.8	11,200	15,900	28.6	377.4		16,400	350
360									23.4	356.3		14,300	360
370									16.6	327.8		12,100	370

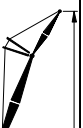
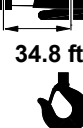
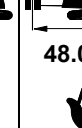
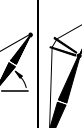
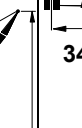
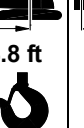
MLC300 VPC-MAX S-3

ASME B30.5



474,100 lb



	85°				83°				80°				
													
	ft	°	ft	lb	lb	ft	lb	lb	ft	lb	lb	ft	
110	74.0	547.1	54,300	54,300									110
115	72.9	545.6	54,000	54,000									115
120	71.8	543.9	53,800	53,800									120
125	70.7	542.2	53,600	53,600									125
130	69.6	540.3	53,200	53,200	71.7	542.7	53,400	53,400					130
135	68.5	538.3	52,800	52,800	70.6	540.9	53,300	53,300					135
140	67.3	536.2	52,500	52,500	69.5	539.1	53,100	53,100					140
145	66.2	534.0	52,100	52,100	68.4	537.1	52,900	52,900					145
150	65.1	531.7	51,700	51,700	67.2	535.0	52,700	52,700					150
155	63.9	529.2	51,300	51,300	66.1	532.8	52,400	52,400					155
160	62.7	526.7	50,900	50,900	65.0	530.4	52,200	52,200	68.2	534.6	51,500	51,500	160
165	61.5	524.0	50,000	50,000	63.8	528.0	51,900	51,900	67.1	532.4	51,500	51,500	165
170	60.3	521.1	48,600	48,600	62.6	525.4	51,600	51,600	66.0	530.2	51,500	51,500	170
175	59.1	518.1	47,300	47,300	61.5	522.7	51,300	51,300	64.8	527.9	51,500	51,500	175
180	57.9	515.0	46,000	46,000	60.3	519.8	50,900	50,900	63.6	525.4	51,400	51,400	180
185	56.7	511.7	44,400	44,400	59.0	516.8	50,600	50,600	62.5	522.8	51,300	51,300	185
190	55.4	508.3	43,000	43,000	57.8	513.7	50,300	50,300	61.3	520.0	51,100	51,100	190
195	54.1	504.6	41,500	41,500	56.6	510.4	49,300	49,300	60.1	517.2	51,000	51,000	195
200	52.8	500.9	40,100	40,100	55.3	506.9	48,100	48,100	58.9	514.1	50,800	50,800	200
205	51.5	496.9	38,700	38,700	54.0	503.3	46,800	46,800	57.6	511.0	50,600	50,600	205
210	50.1	492.7	37,300	37,300	52.7	499.5	45,400	45,400	56.4	507.7	50,000	50,000	210
215	48.8	488.4	35,900	35,900	51.4	495.5	44,000	44,000	55.1	504.2	48,600	48,600	215
220	47.3	483.8	34,500	34,500	50.0	491.3	42,600	42,600	53.8	500.5	47,100	47,100	220
225	45.9	479.0	33,300	33,300	48.7	486.9	41,200	41,200	52.5	496.7	45,600	45,600	225
230	44.4	473.9	32,000	32,000	47.2	482.3	39,800	39,800	51.2	492.7	44,200	44,200	230
235	42.9	468.5	30,800	30,800	45.8	477.5	38,400	38,400	49.8	488.5	42,800	42,800	235
240	41.3	462.9	29,600	29,600	44.3	472.4	37,100	37,100	48.5	484.1	41,400	41,400	240
245	39.7	456.9	28,500	28,500	42.8	467.0	35,800	35,800	47.0	479.4	40,000	40,000	245
250	38.0	450.6	27,400	27,400	41.2	461.3	34,600	34,600	45.6	474.6	38,700	38,700	250
260	34.5	436.6	25,300	25,300	37.9	449.0	31,200	31,200	42.6	464.0	36,100	36,100	260
270	30.5	420.6	23,000	23,000	34.3	435.0	27,100	27,100	39.4	452.3	33,400	33,400	270
280	26.1	401.5	19,100	19,100	30.4	418.8	23,100	23,100	35.9	439.0	29,400	29,400	280
290	20.7	377.7	15,200	15,200	25.9	399.6	19,300	19,300	32.1	423.9	25,400	25,400	290
300	13.3	343.8	11,300	11,300	20.5	375.6	15,300	15,300	27.9	406.2	21,400	21,400	300
310					13.0	341.0	11,500	11,500	23.0	384.5	17,600	17,600	310
320									16.6	355.8	13,700	13,700	320
330													330
340													340
350													350
360													360
370													370
380													380

MLC300 VPC-MAX S-3

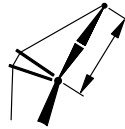
ASME B30.5



474,100 lb



275.6 ft



275.6 ft

	75°				70°				65°			
ft	°	ft	lb	lb	°	ft	lb	lb	°	ft	lb	ft
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180												180
185												185
190												190
195												195
200												200
205	63.3	519.2	47,600	47,600								205
210	62.1	516.6	47,600	47,600								210
215	60.9	513.8	47,600	47,600								215
220	59.7	510.9	47,600	47,600								220
225	58.5	507.8	46,700	46,700								225
230	57.3	504.6	45,400	45,400								230
235	56.0	501.3	43,700	44,100								235
240	54.8	497.7	42,000	42,700								240
245	53.5	494.0	40,500	41,300								245
250	52.2	490.2	38,900	40,000	58.0	499.1	28,800	39,000				250
260	49.5	481.8	36,100	37,400	55.5	492.4	26,300	36,700				260
270	46.6	472.7	33,400	34,800	53.0	485.1	24,100	34,400				270
280	43.7	462.5	31,000	32,200	50.3	477.0	21,900	32,000				280
290	40.5	451.2	28,700	29,800	47.5	468.1	20,000	29,700	53.5	477.4	28,100	290
300	37.2	438.5	26,500	27,400	44.6	458.2	18,100	27,500	50.9	469.5	26,100	300
310	33.5	424.1	24,500	25,100	41.5	447.3	16,400	25,200	48.1	460.8	24,100	310
320	29.5	407.4	22,600	22,800	38.2	435.1	14,800	23,000	45.2	451.1	22,100	320
330	24.8	387.4	19,600	19,600	34.7	421.2	13,200	20,900	42.2	440.5	20,200	330
340	19.1	361.9	15,800	15,800	30.7	405.3	11,800	18,800	39.0	428.5	18,200	340
350	10.7	322.7	11,900	11,900	26.3	386.4	10,400	16,700	35.5	415.1	16,300	350
360					21.0	362.9		14,600	31.7	399.7	14,500	360
370					13.8	329.8		12,300	27.4	381.6	12,700	370
380									22.3	359.4	10,700	380