

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ10:681-682 on
Boom No. B60:680

with Mast No. M10:684 or Mast No. M11:684
400 000 kg VPC (Variable Position Counterweight)
360 Degree Rating

**MLC650
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 from Drum 3 is 13 600 kg or 27 200 kg with two part whip line. When Drum 1 or Drum 2 is used, capacity with single part whip line is 22 100 kg or 33 300 kg 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 6 400 kg minimum weight suspended beneath luffing jib point, (c) require 12 800 kg minimum weight, and (d) require 18 200 kg 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 13 mm in 3 m. Refer to Luffing Jib Rigging **No. 81022910**, Mast Rigging **No. 81025005** or **No. 84050187**, Wire Rope Specifications chart **No. 9548-A**, Counterweight Arrangements chart **No. 9349-A**, Luffing Jib Raising Procedure chart **No. 9421-AM**, and Wind Conditions chart **No. 9423-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. 9422-A**.



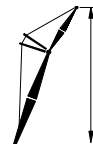
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



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, 11 125 mm crawlers, 1 524 mm or 2 032 mm treads, 11 m live mast, 36 m mast, 16 part boom hoist reeving, boom support straps, 20 part luffing jib hoist reeving, luffing jib and backstay support straps, and 400 000 kg VPC.

Select counterweight position from Luffing Jib Raising Procedure chart **No. 9421-AM** that will allow raising and lowering of boom and luffing jib length. Counterweight position selection may be changed with luffing jib on ground or while luffing jib is within operating range of capacity chart.

Explanation of Symbols



Luffing Jib No. LJ10:681-682
+
Boom No. B60:680



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)



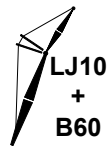
Counterweight Position
from Axis of Rotation



Lifting Capacities
(see page 1)

MLC650 VPC-MAX S-3

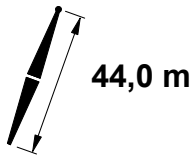
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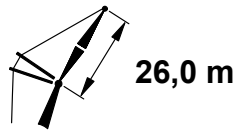
400 000 kg



360°



44,0 m

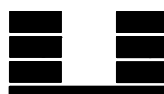
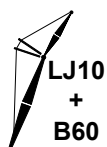


26,0 m

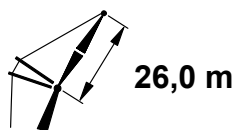
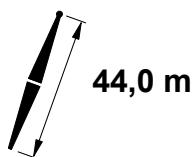
	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
15,2	73,0	71,5	350 000 c	350 000 c									15,2
16,0	71,2	71,2	350 000 c	350 000 c									16,0
18,0	66,4	70,3	338 600 b	350 000 b									18,0
20,0	61,3	69,2	303 200 b	348 900 b	65,2	69,9	297 800 b	350 000 b					20,0
22,0	56,0	67,8	271 700 b	334 900 b	60,1	68,7	266 900 b	349 000 b	65,9	69,6	259 700 b	350 000 b	22,0
24,0	50,3	66,2	245 500	314 100	54,7	67,3	241 200	336 700	60,9	68,5	234 700 b	350 000 b	24,0
26,0	44,0	64,1	223 400	282 000	48,9	65,5	219 500	308 600	55,5	67,1	213 600	345 500	26,0
28,0	36,7	61,5	204 900	242 200	42,4	63,4	201 300	275 600	49,7	65,4	196 000	314 400	28,0
30,0	27,7	57,9	186 200	193 000	34,8	60,6	185 400	236 700	43,3	63,3	180 600	280 100	30,0
32,0	12,8	51,5	141 600	141 600	25,1	56,6	171 400	187 700	35,9	60,6	167 000	251 600	32,0
34,0									26,7	56,9	155 100	204 000	34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0

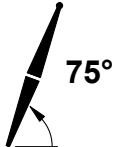
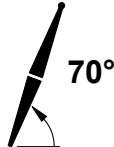
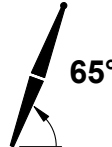
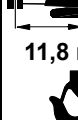
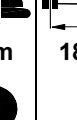
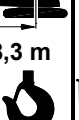
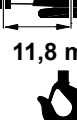
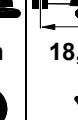
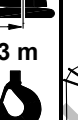
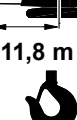
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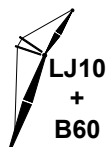
400 000 kg



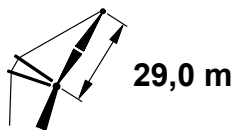
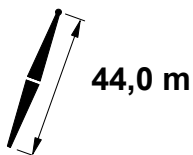
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
15,2														15,2
16,0														16,0
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0	60,2	67,4	187 000	310 600										28,0
30,0	54,8	66,0	172 300	286 300										30,0
32,0	48,9	64,3	159 400	265 300	59,2	65,9	151 800	259 200						32,0
34,0	42,4	62,1	148 300	247 200	53,8	64,5	141 200	241 500						34,0
36,0	34,9	59,3	138 200	231 200	47,9	62,7	131 700	225 900						36,0
38,0	25,2	55,4	129 100	210 600	41,2	60,4	123 200	211 900						38,0
40,0					33,4	57,5	115 400	199 600	46,4	60,6	109 800	195 100		40,0
42,0					23,1	53,3	108 300	188 400	39,5	58,2	103 200	184 200		42,0
44,0									31,3	55,1	97 100	174 300		44,0

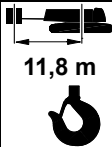
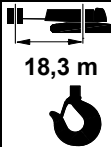
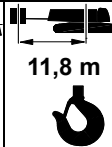
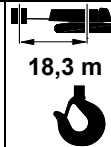
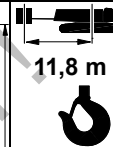
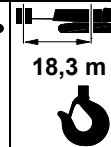
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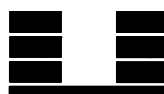
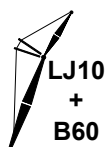
400 000 kg



 85°					 83°					 80°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
15,2	74,8	74,7	350 000 c	350 000 c									15,2	
16,0	73,2	74,4	350 000 c	350 000 c									16,0	
18,0	69,0	73,6	337 800 b	350 000 b									18,0	
20,0	64,6	72,7	302 200 b	344 700 b	68,0	73,2	296 700 b	350 000 b					20,0	
22,0	60,0	71,5	270 800 b	325 700 b	63,5	72,2	265 900 b	345 000 b					22,0	
24,0	55,2	70,1	244 700	308 300	58,9	71,0	240 200	328 100	64,2	72,0	233 500	350 000	24,0	
26,0	50,0	68,4	222 700	285 900	54,0	69,5	218 600	310 000	59,6	70,8	212 500	338 900	26,0	
28,0	44,4	66,4	204 200	257 300	48,8	67,8	200 500	279 000	54,7	69,3	194 900	315 200	28,0	
30,0	38,1	63,9	188 100	233 200	43,0	65,6	184 800	251 400	49,5	67,6	179 600	283 500	30,0	
32,0	30,5	60,6	174 000	195 900	36,4	63,0	170 900	228 000	43,8	65,6	166 200	254 900	32,0	
34,0	20,3	55,8	153 400	153 500	28,5	59,5	158 800	192 400	37,4	63,0	154 500	231 500	34,0	
36,0					16,9	54,0	141 100	147 600	29,7	59,7	144 000	204 800	36,0	
38,0									19,0	54,6	134 400	163 400	38,0	
40,0													40,0	
42,0													42,0	
44,0													44,0	
46,0													46,0	
48,0													48,0	

MLC650 VPC-MAX S-3

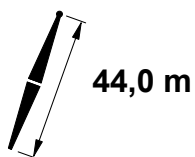
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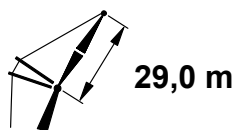
400 000 kg



360°



44,0 m

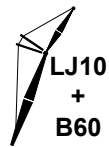


29,0 m

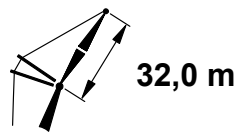
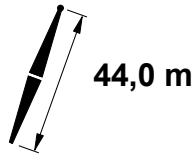
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0	63,6	70,9	185 600	309 200									28,0
30,0	59,0	69,7	171 100	285 000									30,0
32,0	54,1	68,2	158 300	264 000									32,0
34,0	48,8	66,5	147 200	246 000	58,1	68,2	139 900	240 200					34,0
36,0	43,1	64,3	137 300	230 100	53,2	66,7	130 500	224 600					36,0
38,0	36,5	61,7	128 300	215 800	47,9	64,9	122 000	210 800					38,0
40,0	28,6	58,2	120 300	201 700	42,0	62,7	114 400	198 500	52,0	64,7	108 500	193 900	40,0
42,0	17,1	52,8	112 700	167 400	35,3	59,9	107 500	187 400	46,5	62,9	102 000	183 100	42,0
44,0					27,0	56,2	101 100	177 300	40,5	60,5	96 000	173 200	44,0
46,0									33,5	57,6	90 500	164 400	46,0
48,0									24,6	53,6	85 400	156 200	48,0

MLC650 VPC-MAX S-3

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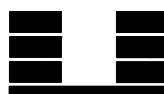
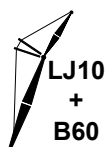
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	73,4	77,3	347 700 b	350 000 b									16,8
18,0	71,1	76,9	336 900 b	345 800 b									18,0
20,0	67,2	76,0	301 700 b	334 400 b	70,2	76,5	296 100 b	346 800 b					20,0
22,0	63,2	75,0	270 400 b	316 900 b	66,3	75,6	265 300 b	335 600 b					22,0
24,0	59,0	73,8	244 300	300 500	62,2	74,5	239 700	319 700	66,8	75,3	232 900	340 200	24,0
26,0	54,6	72,3	222 300	284 800	58,0	73,3	218 200	303 300	62,8	74,3	212 000	330 500	26,0
28,0	49,9	70,7	203 900	259 900	53,5	71,8	200 100	281 800	58,6	73,1	194 400	312 900	28,0
30,0	44,8	68,6	187 900	235 700	48,7	70,0	184 400	254 000	54,1	71,6	179 200	286 200	30,0
32,0	39,2	66,2	173 900	215 000	43,6	67,9	170 700	230 500	49,4	69,9	165 800	257 400	32,0
34,0	32,7	63,2	161 700	193 100	37,8	65,4	158 700	211 000	44,3	67,8	154 200	233 900	34,0
36,0	24,6	59,2	150 700	160 400	31,0	62,2	148 000	190 100	38,6	65,4	143 800	213 800	36,0
38,0	11,2	52,0	119 700	119 800	22,3	57,7	138 200	157 300	32,1	62,3	134 500	196 300	38,0
40,0									23,7	58,1	126 000	169 800	40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

MLC650 VPC-MAX S-3

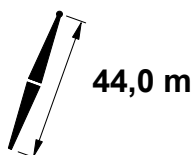
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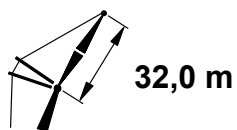
400 000 kg



360°



44,0 m

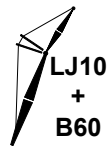


32,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	62,2	73,2	170 400	284 000									30,0
32,0	58,0	72,0	157 700	263 100									32,0
34,0	53,6	70,5	146 600	245 200									34,0
36,0	48,8	68,7	136 800	229 300	57,3	70,5	129 800	223 800					36,0
38,0	43,6	66,6	127 900	215 200	52,7	69,0	121 400	210 000					38,0
40,0	37,9	64,1	120 000	202 700	47,9	67,2	113 900	197 800					40,0
42,0	31,1	60,9	112 800	191 400	42,7	65,0	107 100	186 800	51,6	67,0	101 300	182 300	42,0
44,0	22,4	56,5	106 100	174 600	36,8	62,4	100 800	176 800	46,7	65,1	95 400	172 600	44,0
46,0					29,8	59,0	95 100	167 700	41,3	62,9	90 000	163 700	46,0
48,0					20,5	54,3	89 700	159 400	35,2	60,1	85 100	155 700	48,0
50,0									27,9	56,5	80 400	148 300	50,0

MLC650 VPC-MAX S-3

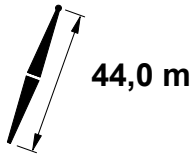
ASME B30.5



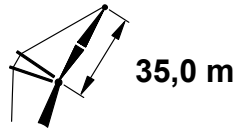
400 000 kg



360°



44,0 m

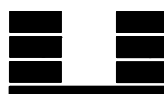
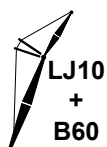


35,0 m

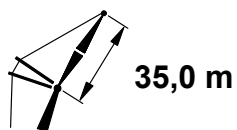
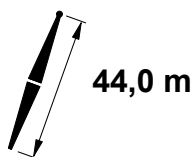
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	74,9	80,5	328 600 b	328 600 b									16,8
18,0	72,8	80,1	323 300 b	323 300 b									18,0
20,0	69,3	79,3	300 700 b	314 600 b	72,0	79,7	294 900 b	323 300 b					20,0
22,0	65,7	78,4	269 300	305 300	68,4	78,9	264 200	315 700					22,0
24,0	61,9	77,3	243 300	292 300	64,8	77,9	238 600	307 800					24,0
26,0	58,1	76,0	221 400	278 000	61,0	76,8	217 100	295 600	65,3	77,7	210 700	311 900	26,0
28,0	54,0	74,6	203 000	261 100	57,1	75,5	199 100	279 200	61,6	76,6	193 200	304 200	28,0
30,0	49,7	72,9	187 100	236 900	53,0	74,0	183 500	255 200	57,7	75,3	178 000	285 900	30,0
32,0	45,1	70,9	173 100	216 200	48,7	72,2	169 700	231 700	53,6	73,8	164 700	258 600	32,0
34,0	40,1	68,5	161 000	198 700	44,0	70,2	157 900	212 100	49,3	72,1	153 200	235 100	34,0
36,0	34,3	65,7	150 100	181 500	38,8	67,7	147 200	195 100	44,6	70,1	142 900	214 900	36,0
38,0	27,5	62,0	140 300	159 400	32,9	64,7	137 700	179 600	39,5	67,7	133 600	197 400	38,0
40,0	18,3	56,7	126 000	127 000	25,7	60,8	129 100	156 400	33,8	64,8	125 300	182 300	40,0
42,0					15,2	54,7	115 300	121 700	26,8	61,0	117 800	164 800	42,0
44,0									17,1	55,5	110 700	134 600	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0

MLC650 VPC-MAX S-3

ASME B30.5



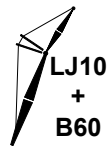
400 000 kg



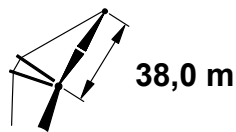
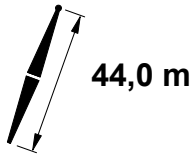
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	61,1	75,5	156 400	261 800									32,0
34,0	57,2	74,2	145 400	243 900									34,0
36,0	53,1	72,7	135 600	228 100									36,0
38,0	48,7	70,9	126 800	214 000	56,5	72,7	120 100	208 800					38,0
40,0	44,0	68,9	119 000	201 600	52,3	71,2	112 600	196 600					40,0
42,0	38,8	66,4	111 800	190 400	47,9	69,4	105 900	185 600					42,0
44,0	32,9	63,4	105 300	180 200	43,2	67,3	99 700	175 700	51,3	69,2	94 100	171 400	44,0
46,0	25,8	59,5	99 300	166 600	37,9	64,7	94 000	166 700	46,8	67,3	88 800	162 600	46,0
48,0	15,4	53,5	93 500	137 300	31,8	61,6	88 800	158 500	42,0	65,1	83 900	154 600	48,0
50,0					24,3	57,5	83 900	150 900	36,5	62,5	79 300	147 200	50,0
52,0									30,2	59,2	75 100	140 400	52,0
54,0									22,1	54,7	71 100	134 200	54,0

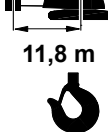
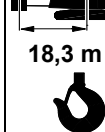
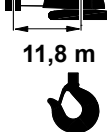
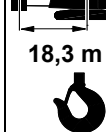
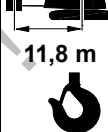
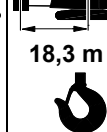
MLC650 VPC-MAX S-3

ASME B30.5



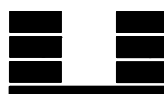
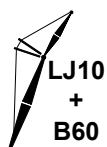
400 000 kg



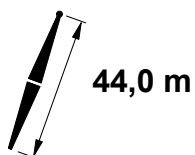
 85°					 83°				 80°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
18,3	73,7	83,1	301 400 b	301 400 b										18,3
20,0	71,0	82,5	294 900	294 900										20,0
22,0	67,7	81,7	281 000	287 300	70,2	82,2	276 900	295 500						22,0
24,0	64,4	80,7	254 900	279 600	67,0	81,3	250 200	288 800						24,0
26,0	60,9	79,6	232 100	271 400	63,6	80,3	227 800	281 900	67,4	81,0	221 400	291 400		26,0
28,0	57,3	78,3	213 000	258 100	60,1	79,1	209 000	274 000	64,1	80,0	203 100	285 900		28,0
30,0	53,6	76,8	196 400	239 000	56,5	77,8	192 700	256 700	60,6	78,9	187 200	280 100		30,0
32,0	49,6	75,1	181 900	218 200	52,7	76,3	178 400	233 700	57,0	77,6	173 300	260 700		32,0
34,0	45,4	73,2	169 300	200 700	48,7	74,5	166 100	214 000	53,2	76,1	161 300	237 000		34,0
36,0	40,8	70,9	158 000	185 300	44,4	72,5	155 100	197 000	49,2	74,4	150 600	216 800		36,0
38,0	35,7	68,1	147 900	171 400	39,7	70,1	145 200	182 100	45,0	72,4	141 000	199 300		38,0
40,0	29,8	64,8	138 900	153 700	34,4	67,2	136 300	168 300	40,3	70,0	132 400	184 200		40,0
42,0	22,4	60,3	126 800	130 300	28,2	63,6	128 200	152 100	35,2	67,3	124 600	170 800		42,0
44,0	10,1	52,4	97 700	97 700	20,3	58,8	120 800	127 800	29,2	63,8	117 400	157 600		44,0
46,0									21,6	59,2	110 800	137 700		46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0														54,0
56,0														56,0

MLC650 VPC-MAX S-3

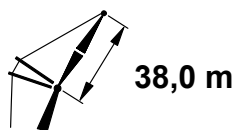
ASME B30.5



400 000 kg



44,0 m

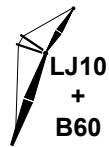


38,0 m

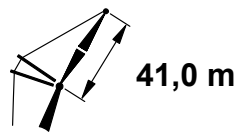
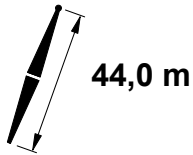
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,6	79,0	164 900	261 400									32,0
34,0	60,1	77,8	153 400	243 600									34,0
36,0	56,5	76,5	143 200	227 900									36,0
38,0	52,7	75,0	134 000	213 800									38,0
40,0	48,7	73,2	125 900	201 400	55,9	75,0	119 400	196 400					40,0
42,0	44,4	71,2	118 500	190 300	52,0	73,4	112 300	185 500					42,0
44,0	39,7	68,8	111 700	180 100	48,0	71,6	105 900	175 600					44,0
46,0	34,5	65,9	105 500	169 600	43,6	69,5	100 100	166 600	51,1	71,5	94 700	162 500	46,0
48,0	28,3	62,4	99 800	157 500	38,9	67,1	94 700	158 500	47,0	69,6	89 600	154 500	48,0
50,0	20,4	57,5	94 400	141 800	33,5	64,1	89 700	151 000	42,5	67,4	84 800	147 200	50,0
52,0					27,1	60,4	85 000	144 100	37,6	64,9	80 500	140 500	52,0
54,0					18,6	55,2	80 600	137 200	32,1	61,8	76 400	134 300	54,0
56,0									25,4	57,8	72 500	128 500	56,0

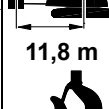
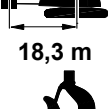
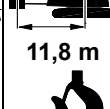
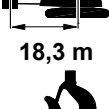
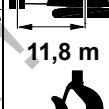
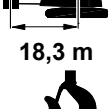
MLC650 VPC-MAX S-3

ASME B30.5



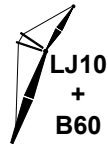
400 000 kg



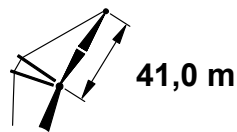
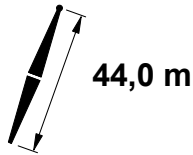
 85°					 83°					 80°				
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 m	
18,3	75,0	86,3	282 700 b	282 700 b									18,3	
20,0	72,4	85,7	277 200	277 200									20,0	
22,0	69,5	85,0	270 500	270 500	71,7	85,4	272 300	277 300					22,0	
24,0	66,4	84,1	253 700	263 800	68,7	84,6	249 100	271 600					24,0	
26,0	63,3	83,0	231 100	257 000	65,7	83,6	226 700	265 600	69,2	84,3	220 100	272 900	26,0	
28,0	60,0	81,9	212 000	250 300	62,5	82,6	208 000	259 400	66,1	83,4	201 900	268 400	28,0	
30,0	56,7	80,6	195 400	237 900	59,2	81,4	191 700	253 000	63,0	82,4	186 100	263 500	30,0	
32,0	53,2	79,1	180 900	218 400	55,9	80,0	177 400	234 000	59,7	81,2	172 200	258 300	32,0	
34,0	49,5	77,3	168 400	200 900	52,3	78,5	165 100	214 300	56,3	79,8	160 200	237 300	34,0	
36,0	45,6	75,4	157 200	185 600	48,6	76,7	154 100	197 200	52,8	78,3	149 500	217 000	36,0	
38,0	41,4	73,1	147 100	171 900	44,6	74,7	144 200	182 300	49,1	76,6	140 000	199 500	38,0	
40,0	36,8	70,5	138 100	159 400	40,3	72,4	135 500	169 100	45,2	74,6	131 400	184 400	40,0	
42,0	31,5	67,3	130 000	146 200	35,6	69,6	127 500	157 000	41,0	72,3	123 700	171 200	42,0	
44,0	25,3	63,3	122 500	128 700	30,2	66,3	120 200	144 500	36,3	69,6	116 600	159 000	44,0	
46,0	16,7	57,5	104 300	104 300	23,5	62,0	113 400	127 500	31,0	66,4	110 100	147 600	46,0	
48,0					13,9	55,4	98 400	99 900	24,6	62,3	104 100	134 000	48,0	
50,0									15,6	56,2	98 500	110 900	50,0	
52,0													52,0	
54,0													54,0	
56,0													56,0	
58,0													58,0	
60,0													60,0	

MLC650 VPC-MAX S-3

ASME B30.5



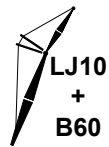
400 000 kg



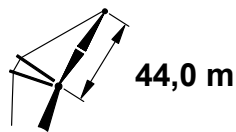
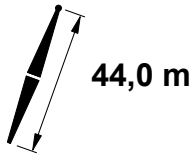
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	62,5	81,3	152 200	242 400									34,0
36,0	59,3	80,1	142 000	226 700									36,0
38,0	55,9	78,7	132 800	212 700									38,0
40,0	52,4	77,2	124 700	200 300	58,7	78,6	118 100	195 200					40,0
42,0	48,6	75,4	117 300	189 200	55,3	77,2	111 100	184 300					42,0
44,0	44,7	73,4	110 600	179 100	51,7	75,7	104 700	174 500					44,0
46,0	40,4	71,1	104 500	169 500	48,0	73,8	98 800	165 500	54,5	75,3	93 300	161 300	46,0
48,0	35,7	68,3	98 900	158 100	44,0	71,8	93 500	157 400	50,9	73,7	88 300	153 400	48,0
50,0	30,2	65,0	93 600	147 100	39,6	69,4	88 600	150 000	47,1	71,8	83 600	146 100	50,0
52,0	23,6	60,7	88 700	136 400	34,8	66,6	84 000	143 100	43,0	69,7	79 200	139 400	52,0
54,0	14,0	54,2	84 000	113 200	29,2	63,1	79 700	136 800	38,5	67,2	75 200	133 200	54,0
56,0					22,3	58,6	75 700	130 900	33,5	64,3	71 500	127 500	56,0
58,0									27,7	60,6	67 900	122 200	58,0
60,0									20,3	55,7	64 500	117 200	60,0

MLC650 VPC-MAX S-3

ASME B30.5



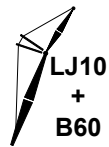
400 000 kg



 85°					 83°				 80°					
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 m	
19,8	73,9	88,9	260 300	260 300										19,8
20,0	73,7	88,9	259 700	259 700										20,0
22,0	70,9	88,2	254 000	254 000										22,0
24,0	68,1	87,4	248 100	248 100	70,3	87,8	247 000	254 600						24,0
26,0	65,2	86,4	230 400	242 200	67,5	87,0	225 900	249 400						26,0
28,0	62,3	85,4	211 300	236 300	64,6	86,0	207 200	244 100	67,9	86,7	201 100	251 100		28,0
30,0	59,3	84,2	194 700	230 500	61,6	84,9	190 900	238 700	65,0	85,8	185 300	247 000		30,0
32,0	56,1	82,8	180 200	218 400	58,5	83,7	176 700	233 400	62,0	84,7	171 400	242 700		32,0
34,0	52,9	81,3	167 700	201 400	55,4	82,3	164 400	214 800	59,0	83,5	159 500	235 200		34,0
36,0	49,4	79,6	156 500	186 000	52,1	80,7	153 400	197 600	55,8	82,1	148 800	217 500		36,0
38,0	45,8	77,7	146 500	172 300	48,6	79,0	143 600	182 700	52,5	80,6	139 200	199 900		38,0
40,0	41,9	75,4	137 600	160 000	44,9	77,0	134 800	169 600	49,1	78,8	130 700	184 800		40,0
42,0	37,7	72,9	129 500	148 900	41,0	74,7	126 900	157 600	45,4	76,9	123 000	171 600		42,0
44,0	33,0	69,9	122 100	138 700	36,6	72,0	119 600	146 700	41,5	74,6	116 000	159 500		44,0
46,0	27,5	66,2	115 300	124 800	31,8	68,9	113 000	136 500	37,3	72,0	109 500	148 500		46,0
48,0	20,7	61,3	104 900	106 500	26,1	65,0	106 900	123 700	32,5	69,0	103 700	138 600		48,0
50,0	9,3	52,8	79 700	79 700	18,7	59,7	101 200	104 900	27,0	65,2	98 200	128 300		50,0
52,0									19,9	60,2	93 100	113 200		52,0
54,0														54,0
56,0														56,0
58,0														58,0
60,0														60,0
62,0														62,0
64,0														64,0

MLC650 VPC-MAX S-3

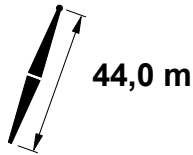
ASME B30.5



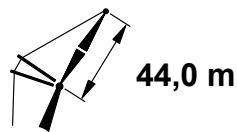
400 000 kg



360°



44,0 m

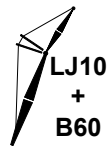


44,0 m

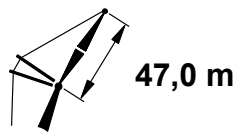
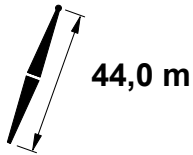
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,6	83,6	141 100	225 700									36,0
38,0	58,6	82,4	132 000	211 800									38,0
40,0	55,4	81,0	123 900	199 400									40,0
42,0	52,1	79,4	116 500	188 300	58,0	80,9	110 200	183 500					42,0
44,0	48,6	77,7	109 800	178 300	54,8	79,5	103 800	173 600					44,0
46,0	45,0	75,7	103 800	168 900	51,5	77,9	98 000	164 700					46,0
48,0	41,0	73,4	98 200	158 500	48,0	76,1	92 700	156 600	50,7	76,0	82 700	145 300	48,0
50,0	36,7	70,8	93 000	147 700	44,3	74,1	87 800	149 200	47,2	74,1	78 400	138 600	50,0
52,0	31,9	67,6	88 200	137 900	40,3	71,7	83 300	142 400	43,4	72,0	74 400	132 500	52,0
54,0	26,2	63,7	83 800	128 900	35,9	69,0	79 100	136 100	39,3	69,6	70 700	126 800	54,0
56,0	18,8	58,5	79 500	116 900	30,9	65,8	75 200	130 200	34,8	66,7	67 200	121 500	56,0
58,0					25,0	61,7	71 400	124 800	29,6	63,3	64 000	116 600	58,0
60,0					17,2	56,0	67 900	117 000	23,4	59,0	60 900	111 900	60,0
62,0									14,7	52,6	57 800	107 500	62,0
64,0													64,0

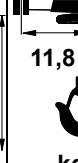
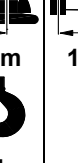
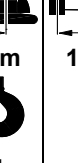
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,1	91,6	241 300	241 300									21,3
22,0	72,2	91,4	239 600	239 600									22,0
24,0	69,6	90,6	234 500	234 500									24,0
26,0	66,9	89,8	229 300	229 300	69,0	90,2	234 700	235 400					26,0
28,0	64,2	88,8	220 000	224 000	66,3	89,3	215 800	230 800					28,0
30,0	61,4	87,7	202 800	218 800	63,6	88,3	198 900	226 000	66,7	89,1	193 100	232 600	30,0
32,0	58,6	86,4	187 700	212 000	60,8	87,2	184 100	221 200	64,0	88,1	178 700	229 000	32,0
34,0	55,6	85,1	174 700	198 000	57,9	85,9	171 300	213 700	61,2	87,0	166 300	225 000	34,0
36,0	52,5	83,5	163 100	184 500	54,9	84,5	159 900	197 400	58,3	85,7	155 100	216 000	36,0
38,0	49,3	81,8	152 700	171 700	51,8	83,0	149 700	182 400	55,3	84,3	145 200	199 600	38,0
40,0	45,9	79,9	143 400	159 900	48,6	81,2	140 600	169 400	52,2	82,8	136 300	184 500	40,0
42,0	42,3	77,7	135 000	149 000	45,1	79,2	132 300	157 500	49,0	81,1	128 300	171 300	42,0
44,0	38,4	75,2	127 300	139 100	41,4	76,9	124 800	146 700	45,6	79,1	121 000	159 300	44,0
46,0	34,2	72,3	120 300	130 000	37,5	74,4	118 000	137 100	42,0	76,9	114 400	148 500	46,0
48,0	29,3	68,9	113 900	119 500	33,1	71,4	111 700	128 300	38,1	74,4	108 300	138 700	48,0
50,0	23,5	64,5	104 900	105 500	28,0	67,7	105 900	118 400	33,7	71,4	102 600	129 800	50,0
52,0	15,5	58,3	86 200	86 200	21,9	63,1	99 800	105 000	28,8	67,9	97 400	121 400	52,0
54,0					12,9	56,0	82 200	82 200	22,8	63,4	92 500	110 400	54,0
56,0									14,5	56,9	87 900	92 000	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

MLC650 VPC-MAX S-3

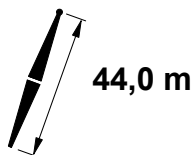
ASME B30.5



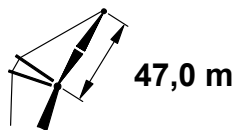
400 000 kg



360°



44,0 m

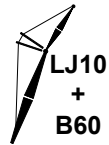


47,0 m

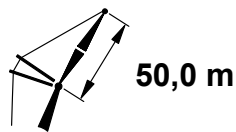
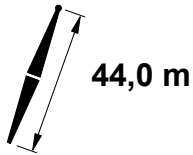
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	63,6	87,0	147 300	220 400									36,0
38,0	60,8	85,9	137 800	210 600									38,0
40,0	57,9	84,7	129 400	198 300									40,0
42,0	54,9	83,2	121 700	187 200									42,0
44,0	51,8	81,7	114 700	177 200	57,4	83,2	108 600	172 500					44,0
46,0	48,6	79,9	108 400	168 000	54,4	81,7	102 500	163 600					46,0
48,0	45,2	77,9	102 600	158 300	51,3	80,1	97 000	155 600					48,0
50,0	41,5	75,7	97 300	147 700	48,0	78,3	91 900	148 100					50,0
52,0	37,5	73,1	92 300	138 000	44,5	76,3	87 200	141 300	50,5	78,2	82 200	137 500	52,0
54,0	33,1	70,1	87 700	129 300	40,8	74,0	82 900	135 100	47,2	76,3	78 100	131 400	54,0
56,0	28,1	66,5	83 400	121 200	36,8	71,4	78 800	129 200	43,7	74,2	74 200	125 700	56,0
58,0	21,9	61,9	79 300	113 300	32,3	68,3	75 000	123 800	39,9	71,9	70 600	120 500	58,0
60,0					27,1	64,5	71 400	118 800	35,8	69,1	67 200	115 600	60,0
62,0					20,7	59,6	68 000	112 700	31,2	65,9	64 100	111 000	62,0
64,0					10,6	51,6	64 600	100 100	25,8	62,0	61 000	106 700	64,0
66,0									18,8	56,6	58 100	102 600	66,0

MLC650 VPC-MAX S-3

ASME B30.5



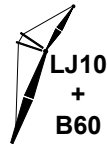
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,1	94,8	224 700	224 700									21,3
22,0	73,3	94,5	224 700	224 700									22,0
24,0	70,9	93,8	222 100	222 100									24,0
26,0	68,4	93,0	217 500	217 500	70,3	93,5	222 300	222 300					26,0
28,0	65,9	92,1	212 800	212 800	67,8	92,6	215 000	218 600					28,0
30,0	63,3	91,1	202 400	208 100	65,3	91,7	198 700	214 400	68,2	92,4	192 800	215 800	30,0
32,0	60,7	90,0	187 500	203 500	62,7	90,7	183 900	210 200	65,6	91,4	178 400	215 800	32,0
34,0	58,0	88,7	174 500	192 100	60,1	89,5	171 100	205 900	63,1	90,4	166 000	213 100	34,0
36,0	55,2	87,3	162 900	179 900	57,3	88,2	159 700	197 100	60,4	89,3	154 900	209 600	36,0
38,0	52,3	85,8	152 500	168 100	54,5	86,8	149 500	182 800	57,7	88,0	144 900	199 700	38,0
40,0	49,2	84,0	143 200	157 000	51,6	85,2	140 400	169 700	54,9	86,6	136 100	184 900	40,0
42,0	46,1	82,1	134 900	146 700	48,5	83,4	132 200	157 900	52,0	85,0	128 100	171 600	42,0
44,0	42,7	80,0	127 200	137 200	45,3	81,4	124 700	147 300	49,0	83,3	120 800	159 700	44,0
46,0	39,1	77,5	120 300	128 700	41,9	79,2	117 900	137 700	45,8	81,3	114 200	149 000	46,0
48,0	35,1	74,7	113 900	121 200	38,2	76,7	111 600	129 100	42,4	79,1	108 100	139 300	48,0
50,0	30,7	71,4	108 000	114 100	34,2	73,8	105 800	121 100	38,7	76,7	102 500	130 500	50,0
52,0	25,6	67,4	102 000	103 600	29,6	70,4	100 500	113 500	34,7	73,8	97 400	122 500	52,0
54,0	19,2	62,2	88 600	88 600	24,3	66,2	95 500	102 700	30,3	70,5	92 600	115 100	54,0
56,0					17,3	60,4	86 500	87 500	25,1	66,4	88 100	106 800	56,0
58,0									18,5	61,0	83 800	94 700	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

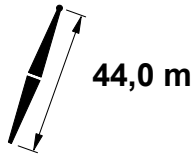
ASME B30.5



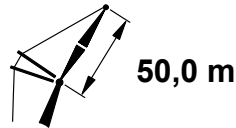
400 000 kg



360°



44,0 m

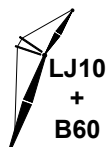


50,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	62,7	89,4	137 500	200 800									38,0
40,0	60,1	88,2	129 000	197 800									40,0
42,0	57,4	86,9	121 400	186 800									42,0
44,0	54,5	85,5	114 500	176 800									44,0
46,0	51,6	83,9	108 100	167 700	56,9	85,4	102 200	163 200					46,0
48,0	48,6	82,1	102 400	158 500	54,0	84,0	96 700	155 100					48,0
50,0	45,3	80,1	97 000	148 100	51,1	82,3	91 600	147 800					50,0
52,0	41,9	77,9	92 100	138 500	48,0	80,5	86 900	141 000	53,4	82,0	81 800	137 100	52,0
54,0	38,2	75,4	87 600	129 900	44,8	78,5	82 600	134 700	50,4	80,4	77 700	131 000	54,0
56,0	34,2	72,5	83 300	122 000	41,3	76,3	78 600	128 900	47,3	78,5	73 900	125 400	56,0
58,0	29,7	69,1	79 300	114 700	37,6	73,7	74 800	123 500	44,0	76,5	70 300	120 100	58,0
60,0	24,3	64,9	75 600	107 800	33,5	70,7	71 300	118 500	40,4	74,1	67 000	115 200	60,0
62,0	17,4	59,2	72 000	98 200	28,8	67,2	67 900	113 500	36,6	71,5	63 800	110 700	62,0
64,0					23,3	62,8	64 800	107 100	32,4	68,4	60 900	106 400	64,0
66,0					15,9	56,7	61 700	99 000	27,6	64,7	58 100	102 400	66,0
68,0									21,8	60,0	55 400	98 600	68,0

MLC650 VPC-MAX S-3

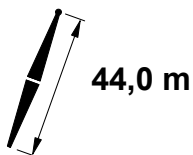
ASME B30.5



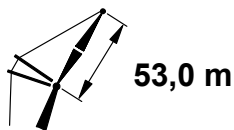
400 000 kg



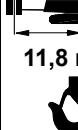
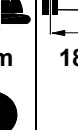
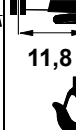
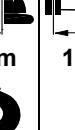
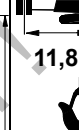
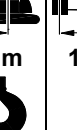
360°



44,0 m

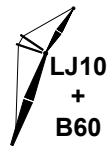


53,0 m

 85°					 83°				 80°				
 m		 m	 kg	 kg		 m	 kg	 kg		 m	 kg	 kg	 m
22,9	73,3	97,4	205 600	205 600									22,9
24,0	72,0	97,0	205 600	205 600									24,0
26,0	69,7	96,3	204 800	204 800	71,5	96,7	203 600	203 600					26,0
28,0	67,4	95,4	200 700	200 700	69,2	95,9	203 600	203 600					28,0
30,0	65,0	94,5	196 500	196 500	66,8	95,0	196 800	201 800					30,0
32,0	62,5	93,4	186 500	192 300	64,4	94,1	182 800	198 100	67,1	94,8	177 200	197 300	32,0
34,0	60,0	92,3	173 500	186 200	61,9	93,0	170 000	194 300	64,7	93,8	164 800	197 300	34,0
36,0	57,5	91,0	161 900	175 500	59,4	91,8	158 600	190 500	62,3	92,8	153 700	196 600	36,0
38,0	54,8	89,6	151 500	164 900	56,8	90,5	148 400	182 300	59,8	91,6	143 800	193 900	38,0
40,0	52,1	88,0	142 300	154 600	54,2	89,0	139 400	169 500	57,2	90,3	135 000	184 700	40,0
42,0	49,2	86,3	133 900	144 900	51,4	87,4	131 200	157 700	54,5	88,9	127 000	171 400	42,0
44,0	46,2	84,4	126 300	135 800	48,5	85,7	123 700	147 100	51,8	87,3	119 800	159 500	44,0
46,0	43,1	82,2	119 400	127 400	45,5	83,7	116 900	137 600	48,9	85,5	113 100	148 800	46,0
48,0	39,7	79,9	113 100	119 800	42,3	81,5	110 700	129 000	45,9	83,6	107 100	139 100	48,0
50,0	36,0	77,1	107 200	112 900	38,9	79,1	104 900	121 100	42,7	81,4	101 500	130 400	50,0
52,0	32,0	74,0	101 800	106 900	35,1	76,3	99 600	113 900	39,4	79,0	96 400	122 400	52,0
54,0	27,5	70,3	96 800	99 700	31,0	73,0	94 700	107 300	35,7	76,3	91 600	115 200	54,0
56,0	22,0	65,6	87 900	88 100	26,3	69,1	90 100	99 000	31,6	73,1	87 200	108 400	56,0
58,0					20,5	64,1	85 400	87 900	27,0	69,3	83 000	102 000	58,0
60,0									21,4	64,5	79 100	92 600	60,0
62,0									13,6	57,6	74 300	77 500	62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

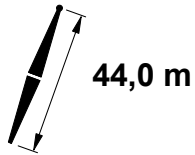
ASME B30.5



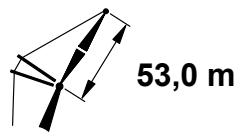
400 000 kg



360°



44,0 m

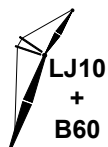


53,0 m

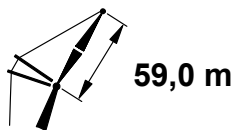
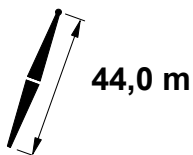
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,0	91,7	127 800	183 600									40,0
42,0	59,5	90,5	120 200	182 800									42,0
44,0	56,9	89,2	113 300	175 700									44,0
46,0	54,2	87,7	107 000	166 700	59,0	89,0	100 900	162 100					46,0
48,0	51,4	86,1	101 200	157 800	56,4	87,7	95 400	154 100					48,0
50,0	48,6	84,4	95 900	147 900	53,7	86,2	90 400	146 700					50,0
52,0	45,5	82,4	91 000	138 300	50,9	84,6	85 700	139 900	53,1	84,3	76 400	129 900	52,0
54,0	42,3	80,2	86 500	129 800	48,0	82,8	81 400	133 700	50,3	82,6	72 600	124 300	54,0
56,0	38,9	77,8	82 300	121 900	45,0	80,8	77 400	127 900	47,3	80,8	69 100	119 100	56,0
58,0	35,2	75,0	78 300	114 700	41,7	78,6	73 600	122 500	44,2	78,8	65 800	114 200	58,0
60,0	31,1	71,7	74 600	108 000	38,3	76,1	70 200	117 600	40,9	76,5	62 600	109 700	60,0
62,0	26,3	67,9	71 100	101 800	34,5	73,2	66 900	112 900	37,4	73,9	59 700	105 400	62,0
64,0	20,6	62,9	67 800	95 600	30,3	69,9	63 800	107 300	33,6	70,9	57 000	101 400	64,0
66,0					25,4	65,8	60 800	101 200	29,2	67,4	54 300	97 700	66,0
68,0					19,4	60,6	58 000	95 300	17,7	57,5	49 400	90 800	68,0
72,0													72,0

MLC650 VPC-MAX S-3

ASME B30.5



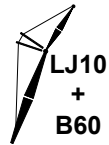
400 000 kg



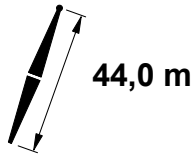
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,5	103,2	172 000	172 000									24,4
26,0	71,9	102,7	171 900	171 900									26,0
28,0	69,8	102,0	171 400	171 400	71,4	102,3	169 700	169 700					28,0
30,0	67,7	101,1	170 900	170 900	69,3	101,6	169 700	169 700					30,0
32,0	65,5	100,2	170 200	170 200	67,2	100,7	169 700	169 700	69,6	101,3	163 600	163 600	32,0
34,0	63,4	99,2	168 400	168 800	65,0	99,8	167 500	169 700	67,5	100,5	161 700	163 600	34,0
36,0	61,2	98,1	160 700	163 800	62,9	98,7	157 300	169 400	65,3	99,5	152 300	163 600	36,0
38,0	58,9	96,9	150 300	155 800	60,6	97,6	147 100	165 100	63,2	98,5	142 400	163 600	38,0
40,0	56,5	95,5	141 100	147 600	58,3	96,4	138 100	159 200	60,9	97,4	133 600	163 600	40,0
42,0	54,2	94,1	132 700	139 500	56,0	95,0	129 900	153 300	58,7	96,2	125 600	161 500	42,0
44,0	51,7	92,5	125 100	131 700	53,6	93,5	122 400	146 700	56,3	94,8	118 400	155 900	44,0
46,0	49,1	90,8	118 300	124 100	51,1	91,9	115 700	137 500	53,9	93,4	111 800	148 700	46,0
48,0	46,4	88,9	112 000	117 000	48,5	90,1	109 500	129 000	51,4	91,8	105 800	139 100	48,0
50,0	43,6	86,8	106 100	110 300	45,8	88,2	103 800	121 200	48,9	90,0	100 200	130 400	50,0
52,0	40,6	84,5	100 800	104 100	42,9	86,1	98 500	114 100	46,2	88,1	95 100	122 500	52,0
54,0	37,5	81,9	95 800	98 500	39,9	83,7	93 700	107 600	43,3	86,0	90 400	115 300	54,0
56,0	34,0	79,0	91 200	93 500	36,7	81,0	89 100	101 600	40,4	83,6	86 000	108 700	56,0
58,0	30,3	75,6	86 900	89 100	33,2	78,0	84 900	95 900	37,2	81,0	81 900	102 600	58,0
60,0	25,9	71,6	82 600	84 000	29,3	74,5	80 900	90 500	33,7	78,1	78 100	97 000	60,0
62,0	20,8	66,7	74 200	74 200	24,8	70,4	77 200	83 600	29,9	74,7	74 500	91 700	62,0
64,0	13,7	59,7	61 500	61 500	19,4	65,1	73 700	74 200	25,5	70,6	71 100	86 700	64,0
66,0									20,2	65,6	67 800	78 400	66,0
68,0									12,8	58,2	62 900	65 600	68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

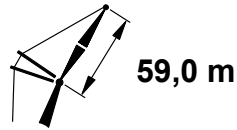
ASME B30.5



400 000 kg



44,0 m

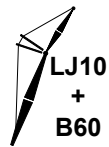


59,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,9	97,4	118 600	152 700									42,0
44,0	60,7	96,3	111 700	152 700									44,0
46,0	58,4	95,1	105 400	152 700									46,0
48,0	56,0	93,7	99 700	152 700									48,0
50,0	53,6	92,2	94 400	147 400	58,0	93,6	88 700	139 700					50,0
52,0	51,1	90,6	89 500	138 200	55,6	92,2	84 100	138 400					52,0
54,0	48,5	88,9	85 100	129 700	53,2	90,7	79 800	132 300					54,0
56,0	45,8	86,9	80 900	121 900	50,7	89,1	75 800	126 500					56,0
58,0	43,0	84,8	77 000	114 800	48,1	87,3	72 100	121 200	52,6	88,8	67 400	117 600	58,0
60,0	40,0	82,4	73 400	108 300	45,3	85,3	68 700	116 200	50,1	87,1	64 100	112 800	60,0
62,0	36,7	79,8	69 900	102 200	42,5	83,1	65 400	111 600	47,4	85,3	61 000	108 300	62,0
64,0	33,2	76,8	66 700	96 600	39,4	80,7	62 400	107 300	44,7	83,3	58 200	104 100	64,0
66,0	29,3	73,3	63 700	91 400	36,1	78,0	59 500	101 500	41,8	81,0	55 500	100 100	66,0
68,0	24,9	69,1	60 800	86 500	32,6	74,9	56 800	96 000	38,7	78,6	52 900	96 400	68,0
72,0					24,0	67,1	51 800	86 000	31,7	72,6	48 200	89 600	72,0
76,0					9,3	52,5	47 000	71 800	22,8	64,4	43 800	83 500	76,0

MLC650 VPC-MAX S-3

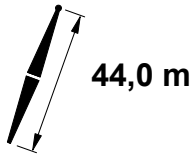
ASME B30.5



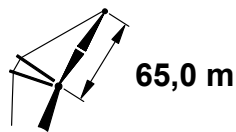
400 000 kg



360°



44,0 m

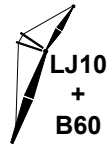


65,0 m

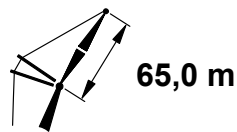
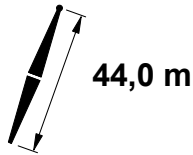
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,7	109,0	145 300	145 300									25,9
26,0	73,6	109,0	145 300	145 300									26,0
28,0	71,7	108,4	145 000	145 000									28,0
30,0	69,9	107,6	144 600	144 600	71,3	108,0	143 200	143 200					30,0
32,0	68,0	106,8	144 000	144 000	69,4	107,2	143 200	143 200					32,0
34,0	66,0	105,9	143 300	143 300	67,5	106,4	143 200	143 200					34,0
36,0	64,1	104,9	142 500	142 500	65,6	105,5	143 100	143 100	67,8	106,1	138 800	138 800	36,0
38,0	62,1	103,8	141 500	141 500	63,6	104,5	142 800	142 800	65,8	105,2	138 800	138 800	38,0
40,0	60,0	102,7	137 100	137 100	61,6	103,4	136 700	142 300	63,9	104,2	132 100	138 800	40,0
42,0	57,9	101,4	130 800	130 800	59,5	102,2	128 600	141 800	61,9	103,2	124 200	138 800	42,0
44,0	55,8	100,1	123 900	124 500	57,4	100,9	121 100	141 100	59,8	102,0	116 900	138 800	44,0
46,0	53,6	98,6	117 000	118 300	55,3	99,5	114 400	135 900	57,7	100,7	110 400	138 800	46,0
48,0	51,4	97,0	110 700	112 300	53,1	98,0	108 200	128 500	55,6	99,3	104 400	136 900	48,0
50,0	49,0	95,2	104 900	106 400	50,8	96,4	102 500	120 700	53,4	97,8	98 900	129 800	50,0
52,0	46,6	93,4	99 600	100 800	48,5	94,6	97 300	113 600	51,1	96,2	93 800	121 900	52,0
54,0	44,1	91,3	94 700	95 600	46,0	92,7	92 400	107 200	48,8	94,5	89 100	114 800	54,0
56,0	41,4	89,0	90 100	90 700	43,5	90,6	87 900	101 300	46,4	92,6	84 700	108 300	56,0
58,0	38,6	86,5	85 800	86 100	40,8	88,3	83 700	95 700	43,8	90,5	80 700	102 300	58,0
60,0	35,6	83,8	81 800	82 000	37,9	85,7	79 800	90 700	41,2	88,2	76 900	96 700	60,0
62,0	32,3	80,7	78 100	78 200	34,9	82,9	76 200	85 900	38,3	85,7	73 300	91 600	62,0
64,0	28,7	77,1	74 500	74 900	31,5	79,7	72 700	81 400	35,3	82,9	70 000	86 700	64,0
66,0	24,6	72,9	70 500	71 000	27,8	76,0	69 500	76 900	32,0	79,8	66 800	82 200	66,0
68,0	19,7	67,7	62 600	62 600	23,6	71,6	66 400	70 800	28,4	76,2	63 800	78 000	68,0
72,0									19,2	66,6	58 300	66 600	72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



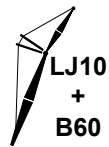
400 000 kg



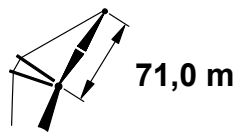
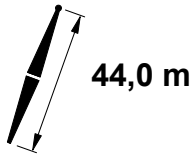
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	63,6	103,2	110 100	128 500									44,0
46,0	61,6	102,1	103 800	128 500									46,0
48,0	59,6	100,9	98 100	128 500									48,0
50,0	57,5	99,6	92 900	128 500									50,0
52,0	55,3	98,2	88 000	128 500	59,2	99,5	82 400	119 100					52,0
54,0	53,1	96,7	83 600	127 200	57,1	98,2	78 200	119 100					54,0
56,0	50,8	95,1	79 400	121 300	54,9	96,7	74 200	119 100					56,0
58,0	48,5	93,3	75 600	114 200	52,7	95,2	70 500	119 000					58,0
60,0	46,0	91,4	72 000	107 800	50,4	93,6	67 100	114 900					60,0
62,0	43,5	89,3	68 600	101 900	48,1	91,8	63 900	110 300	52,2	93,3	59 400	106 900	62,0
64,0	40,8	87,0	65 400	96 300	45,6	89,8	60 900	106 000	49,9	91,6	56 500	102 700	64,0
66,0	37,9	84,5	62 400	91 300	43,0	87,7	58 100	101 100	47,5	89,8	53 900	98 700	66,0
68,0	34,9	81,6	59 600	86 500	40,3	85,3	55 400	95 700	45,0	87,8	51 300	95 100	68,0
72,0	27,9	74,8	54 400	77 800	34,3	79,9	50 500	86 000	39,7	83,2	46 700	88 300	72,0
76,0	18,5	64,8	49 600	69 100	27,2	72,8	46 100	77 400	33,6	77,6	42 500	82 300	76,0
80,0					17,4	62,4	41 900	69 500	26,2	70,3	38 700	76 500	80,0
84,0									15,8	59,2	35 100	68 900	84,0

MLC650 VPC-MAX S-3

ASME B30.5



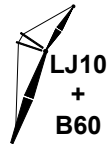
400 000 kg



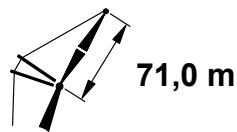
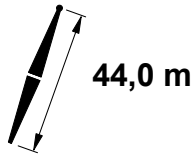
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,8	114,8	122 000	122 000									27,4
28,0	73,3	114,7	121 900	121 900									28,0
30,0	71,6	114,0	121 500	121 500									30,0
32,0	69,9	113,2	121 000	121 000	71,2	113,6	119 800	119 800					32,0
34,0	68,2	112,4	120 400	120 400	69,5	112,9	119 700	119 700					34,0
36,0	66,4	111,6	119 700	119 700	67,8	112,0	119 400	119 400					36,0
38,0	64,6	110,6	119 000	119 000	66,0	111,1	119 100	119 100	68,0	111,8	115 500	115 500	38,0
40,0	62,8	109,6	118 300	118 300	64,2	110,2	118 700	118 700	66,2	110,9	115 500	115 500	40,0
42,0	60,9	108,4	117 500	117 500	62,4	109,1	118 200	118 200	64,4	109,9	115 500	115 500	42,0
44,0	59,1	107,2	116 500	116 500	60,5	108,0	117 700	117 700	62,6	108,9	115 300	115 500	44,0
46,0	57,1	105,9	112 000	112 000	58,6	106,7	113 500	117 100	60,8	107,7	109 400	115 500	46,0
48,0	55,2	104,5	107 200	107 200	56,7	105,4	107 300	116 500	58,9	106,5	103 500	115 500	48,0
50,0	53,2	103,0	102 400	102 400	54,7	104,0	101 700	115 500	57,0	105,2	97 900	115 500	50,0
52,0	51,1	101,4	97 600	97 600	52,7	102,5	96 400	111 300	55,0	103,8	92 900	115 400	52,0
54,0	48,9	99,7	93 000	93 000	50,6	100,8	91 600	106 600	53,0	102,3	88 200	113 300	54,0
56,0	46,7	97,8	88 600	88 600	48,4	99,1	87 100	101 300	50,9	100,7	83 800	108 200	56,0
58,0	44,4	95,8	84 400	84 400	46,2	97,1	83 000	95 900	48,7	98,9	79 800	102 300	58,0
60,0	42,0	93,5	80 300	80 300	43,9	95,1	79 100	90 800	46,5	97,0	76 000	96 800	60,0
62,0	39,5	91,1	76 600	76 600	41,4	92,8	75 400	86 100	44,2	95,0	72 500	91 700	62,0
64,0	36,8	88,5	73 100	73 100	38,9	90,3	72 000	81 700	41,8	92,7	69 200	86 900	64,0
66,0	33,9	85,5	69 900	69 900	36,1	87,6	68 800	77 600	39,2	90,3	66 100	82 500	66,0
68,0	30,8	82,3	67 000	67 000	33,2	84,6	65 800	73 700	36,5	87,6	63 100	78 300	68,0
72,0	23,5	74,1	60 700	60 700	26,5	77,3	60 200	66 200	30,5	81,3	57 700	70 700	72,0
76,0	12,3	60,8	44 000	44 000	17,5	66,9	53 200	53 500	23,1	73,0	52 800	63 200	76,0
80,0									11,5	59,2	45 900	47 400	80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

ASME B30.5



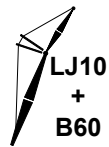
400 000 kg



	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	64,2	108,9	102 700	106 900									46,0
48,0	62,4	107,8	97 000	106 900									48,0
50,0	60,5	106,7	91 800	106 900									50,0
52,0	58,6	105,5	87 000	106 900									52,0
54,0	56,7	104,1	82 500	106 900									54,0
56,0	54,7	102,7	78 400	106 900	58,3	104,0	73 100	98 500					56,0
58,0	52,7	101,2	74 600	106 900	56,4	102,7	69 400	98 500					58,0
60,0	50,6	99,5	71 000	106 100	54,4	101,2	66 000	98 500					60,0
62,0	48,4	97,8	67 600	101 900	52,3	99,7	62 800	98 500					62,0
64,0	46,2	95,9	64 500	96 400	50,2	98,0	59 900	98 500	53,9	99,3	55 300	91 500	64,0
66,0	43,9	93,8	61 500	91 300	48,1	96,2	57 100	98 400	51,8	97,7	52 700	91 500	66,0
68,0	41,5	91,5	58 700	86 600	45,8	94,3	54 400	95 700	49,7	96,0	50 200	91 500	68,0
72,0	36,2	86,4	53 600	78 100	41,0	89,9	49 600	86 100	45,3	92,2	45 600	87 400	72,0
76,0	30,1	80,0	49 000	70 600	35,7	84,6	45 200	77 700	40,4	87,7	41 500	81 400	76,0
80,0	22,5	71,5	44 800	63 700	29,5	78,1	41 200	70 200	35,0	82,4	37 700	76 000	80,0
84,0					21,7	69,3	37 600	63 400	28,7	75,6	34 300	69 600	84,0
88,0					8,2	53,1	34 000	52 300	20,6	66,5	31 100	62 900	88,0

MLC650 VPC-MAX S-3

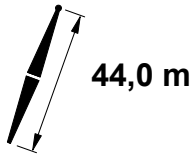
ASME B30.5



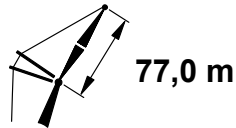
400 000 kg



360°



44,0 m

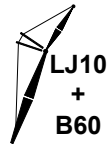


77,0 m

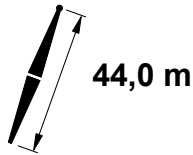
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,9	120,6	103 600	103 600									29,0
30,0	73,1	120,3	103 300	103 300									30,0
32,0	71,5	119,7	102 900	102 900	72,8	120,0	101 700	101 700					32,0
34,0	70,0	118,9	102 300	102 300	71,2	119,3	101 500	101 500					34,0
36,0	68,4	118,1	101 800	101 800	69,6	118,5	101 200	101 200					36,0
38,0	66,7	117,2	101 100	101 100	68,0	117,7	100 900	100 900					38,0
40,0	65,1	116,3	100 400	100 400	66,3	116,8	100 500	100 500	68,2	117,4	97 700	97 700	40,0
42,0	63,4	115,3	99 700	99 700	64,7	115,9	100 000	100 000	66,6	116,6	97 700	97 700	42,0
44,0	61,7	114,2	99 000	99 000	63,0	114,9	99 500	99 500	64,9	115,6	97 700	97 700	44,0
46,0	60,0	113,1	98 300	98 300	61,3	113,8	99 000	99 000	63,3	114,6	97 700	97 700	46,0
48,0	58,3	111,8	97 500	97 500	59,6	112,6	98 500	98 500	61,6	113,5	97 500	97 500	48,0
50,0	56,5	110,5	95 300	95 300	57,8	111,3	97 900	97 900	59,8	112,4	95 900	97 300	50,0
52,0	54,6	109,1	91 700	91 700	56,0	110,0	95 000	97 300	58,1	111,1	91 300	97 000	52,0
54,0	52,8	107,5	87 900	87 900	54,2	108,5	90 200	96 800	56,3	109,8	86 700	96 800	54,0
56,0	50,9	105,9	84 200	84 200	52,3	107,0	85 700	95 700	54,5	108,3	82 300	96 500	56,0
58,0	48,9	104,2	80 500	80 500	50,4	105,3	81 500	92 400	52,6	106,8	78 300	96 200	58,0
60,0	46,8	102,3	77 100	77 100	48,4	103,5	77 700	88 600	50,7	105,2	74 500	95 000	60,0
62,0	44,7	100,3	73 700	73 700	46,3	101,6	74 000	84 900	48,7	103,4	71 000	90 800	62,0
64,0	42,5	98,1	70 400	70 400	44,2	99,6	70 600	80 900	46,6	101,5	67 700	86 100	64,0
66,0	40,2	95,7	67 400	67 400	42,0	97,4	67 400	76 800	44,5	99,5	64 600	81 700	66,0
68,0	37,8	93,2	64 500	64 500	39,7	95,0	64 400	73 000	42,3	97,3	61 700	77 600	68,0
72,0	32,5	87,3	59 400	59 400	34,6	89,5	58 900	66 000	37,6	92,3	56 300	70 100	72,0
76,0	26,2	79,9	55 200	55 200	28,8	82,8	53 900	59 800	32,2	86,4	51 500	63 400	76,0
80,0	18,0	69,5	44 900	44 900	21,5	73,8	49 400	51 600	25,9	78,9	47 100	57 400	80,0
84,0									17,5	68,3	43 100	48 700	84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

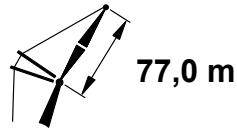
ASME B30.5



400 000 kg



44,0 m

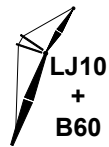


77,0 m

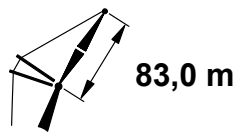
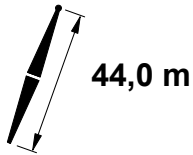
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	63,0	113,6	89 600	90 400									50,0
52,0	61,4	112,5	85 300	90 400									52,0
54,0	59,6	111,3	80 900	90 400									54,0
56,0	57,9	110,0	76 700	90 400									56,0
58,0	56,1	108,7	72 900	90 400	59,3	109,8	67 700	83 100					58,0
60,0	54,2	107,2	69 400	90 400	57,6	108,5	64 300	83 100					60,0
62,0	52,4	105,7	66 000	90 400	55,8	107,2	61 100	83 100					62,0
64,0	50,4	104,0	62 900	90 400	53,9	105,7	58 100	83 100					64,0
66,0	48,4	102,2	59 900	89 700	52,0	104,2	55 400	83 100					66,0
68,0	46,4	100,3	57 200	85 700	50,1	102,5	52 700	83 100	53,5	103,8	48 400	76 700	68,0
72,0	42,0	96,1	52 100	77 300	46,0	98,8	47 900	83 000	49,6	100,5	43 900	76 700	72,0
76,0	37,3	91,1	47 500	69 900	41,6	94,4	43 600	76 800	45,5	96,7	39 800	76 700	76,0
80,0	31,9	85,0	43 400	63 300	36,8	89,4	39 700	69 500	41,1	92,3	36 100	74 600	80,0
84,0	25,5	77,4	39 600	57 300	31,4	83,2	36 200	63 000	36,2	87,1	32 800	68 900	84,0
88,0	16,8	66,5	36 100	50 800	24,8	75,4	32 900	57 100	30,7	80,8	29 700	62 500	88,0
92,0					15,8	64,0	29 800	51 400	23,9	72,7	26 800	56 600	92,0
96,0									14,4	60,5	24 100	51 100	96,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



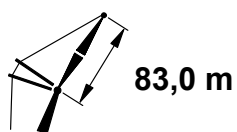
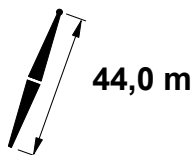
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,0	126,5	88 700	88 700									30,5
32,0	72,9	126,0	88 400	88 400									32,0
34,0	71,5	125,3	87 900	87 900	72,6	125,6	87 100	87 100					34,0
36,0	70,0	124,6	87 400	87 400	71,1	124,9	86 900	86 900					36,0
38,0	68,5	123,8	86 800	86 800	69,7	124,2	86 500	86 500					38,0
40,0	67,0	122,9	86 200	86 200	68,2	123,4	86 100	86 100					40,0
42,0	65,5	122,0	85 600	85 600	66,7	122,5	85 700	85 700	68,4	123,1	83 800	83 800	42,0
44,0	64,0	121,0	84 900	84 900	65,1	121,6	85 300	85 300	66,9	122,3	83 700	83 700	44,0
46,0	62,4	120,0	84 200	84 200	63,6	120,6	84 800	84 800	65,4	121,3	83 500	83 500	46,0
48,0	60,8	118,8	83 500	83 500	62,0	119,5	84 300	84 300	63,8	120,3	83 300	83 300	48,0
50,0	59,2	117,6	82 900	82 900	60,4	118,4	83 700	83 700	62,2	119,3	83 100	83 100	50,0
52,0	57,6	116,4	82 200	82 200	58,8	117,2	83 200	83 200	60,7	118,1	82 800	82 800	52,0
54,0	55,9	115,0	81 100	81 100	57,2	115,9	82 600	82 600	59,0	116,9	82 500	82 500	54,0
56,0	54,2	113,6	78 600	78 600	55,5	114,5	82 100	82 100	57,4	115,7	81 000	82 200	56,0
58,0	52,5	112,0	75 700	75 700	53,8	113,0	80 600	81 500	55,7	114,3	77 300	81 900	58,0
60,0	50,7	110,4	72 800	72 800	52,0	111,5	76 800	81 000	54,0	112,8	73 600	81 500	60,0
62,0	48,8	108,6	69 900	69 900	50,2	109,8	73 200	79 500	52,3	111,3	70 100	81 200	62,0
64,0	46,9	106,8	67 100	67 100	48,4	108,0	69 800	76 800	50,5	109,6	66 800	80 800	64,0
66,0	45,0	104,8	64 400	64 400	46,5	106,1	66 600	73 900	48,7	107,9	63 700	80 100	66,0
68,0	43,0	102,6	61 800	61 800	44,5	104,1	63 600	71 000	46,8	106,0	60 800	77 200	68,0
72,0	38,7	97,8	57 000	57 000	40,4	99,6	58 100	65 500	42,8	101,8	55 500	69 800	72,0
76,0	33,9	92,2	52 700	52 700	35,8	94,3	53 200	59 700	38,4	97,0	50 700	63 300	76,0
80,0	28,4	85,3	49 100	49 100	30,6	87,9	48 800	54 100	33,6	91,3	46 400	57 400	80,0
84,0	21,6	76,4	43 900	43 900	24,4	80,0	44 700	48 200	28,1	84,4	42 500	52 100	84,0
88,0	11,3	62,0	30 600	30 600	16,1	68,5	38 200	38 200	21,3	75,3	38 900	46 200	88,0
92,0									10,5	60,3	33 100	33 600	92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

ASME B30.5



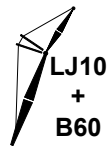
400 000 kg



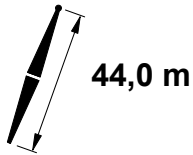
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,6	119,3	77 500	77 500									52,0
54,0	62,0	118,2	77 500	77 500									54,0
56,0	60,5	117,1	75 500	77 500									56,0
58,0	58,8	115,9	71 800	77 500									58,0
60,0	57,2	114,6	68 300	77 500									60,0
62,0	55,5	113,2	65 000	77 500	58,6	114,4	60 000	71 500					62,0
64,0	53,8	111,7	61 900	77 500	56,9	113,1	57 000	71 500					64,0
66,0	52,1	110,2	58 900	77 500	55,2	111,7	54 300	71 500					66,0
68,0	50,3	108,5	56 200	77 500	53,5	110,2	51 700	71 500					68,0
72,0	46,5	104,8	51 100	76 800	49,9	107,0	46 900	71 500	53,1	108,3	42 700	65 900	72,0
76,0	42,5	100,6	46 600	69 600	46,2	103,2	42 600	71 500	49,5	105,0	38 700	65 900	76,0
80,0	38,2	95,8	42 500	63 100	42,1	99,0	38 700	69 200	45,7	101,2	35 000	65 900	80,0
84,0	33,3	90,0	38 800	57 300	37,8	94,0	35 200	62 800	41,6	96,9	31 700	65 900	84,0
88,0	27,7	83,0	35 400	52 000	32,9	88,2	32 000	57 000	37,2	91,9	28 700	62 200	88,0
92,0	20,7	73,7	32 300	47 100	27,2	81,0	29 100	51 800	32,2	85,9	25 900	56 600	92,0
96,0	9,4	57,8	29 200	37 300	20,0	71,4	26 300	46 900	26,4	78,5	23 300	51 400	96,0
100,0									19,0	68,5	20 900	46 600	100,0

MLC650 VPC-MAX S-3

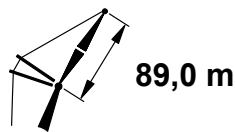
ASME B30.5



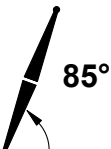
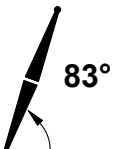
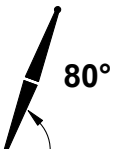
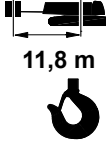
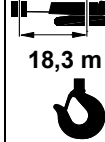
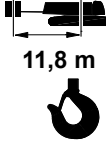
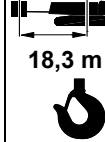
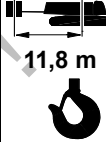
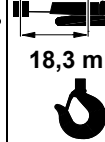
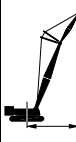
400 000 kg



44,0 m

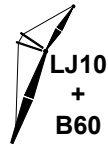


89,0 m

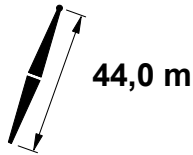
 85°					 83°				 80°				
 m		 m	 kg	 kg		 m	 kg	 kg		 m	 kg	 kg	 m
32,0	74,1	132,3	74 300	74 300									32,0
34,0	72,8	131,7	73 800	73 800									34,0
36,0	71,4	131,0	73 300	73 300									36,0
38,0	70,0	130,2	72 800	72 800	71,1	130,6	72 400	72 400					38,0
40,0	68,7	129,4	72 200	72 200	69,7	129,9	72 000	72 000					40,0
42,0	67,3	128,6	71 600	71 600	68,3	129,1	71 600	71 600					42,0
44,0	65,8	127,7	71 000	71 000	66,9	128,2	71 100	71 100	68,5	128,8	69 700	69 700	44,0
46,0	64,4	126,7	70 400	70 400	65,5	127,3	70 600	70 600	67,1	127,9	69 400	69 400	46,0
48,0	63,0	125,7	69 800	69 800	64,1	126,3	70 100	70 100	65,7	127,0	69 200	69 200	48,0
50,0	61,5	124,6	69 200	69 200	62,6	125,3	69 600	69 600	64,3	126,1	68 900	68 900	50,0
52,0	60,0	123,5	68 500	68 500	61,2	124,2	69 100	69 100	62,8	125,0	68 600	68 600	52,0
54,0	58,5	122,2	67 900	67 900	59,7	123,0	68 600	68 600	61,4	123,9	68 200	68 200	54,0
56,0	57,0	120,9	67 300	67 300	58,1	121,7	68 000	68 000	59,9	122,8	67 900	67 900	56,0
58,0	55,4	119,5	66 700	66 700	56,6	120,4	67 500	67 500	58,4	121,5	67 500	67 500	58,0
60,0	53,8	118,1	66 100	66 100	55,0	119,0	67 000	67 000	56,8	120,2	67 100	67 100	60,0
62,0	52,2	116,5	65 300	65 300	53,4	117,5	66 500	66 500	55,2	118,8	66 700	66 700	62,0
64,0	50,5	114,9	63 400	63 400	51,8	115,9	66 000	66 000	53,6	117,3	65 100	66 400	64,0
66,0	48,8	113,1	61 100	61 100	50,1	114,3	64 900	65 500	52,0	115,8	62 100	66 000	66,0
68,0	47,0	111,2	58 900	58 900	48,4	112,5	62 000	65 000	50,3	114,1	59 200	65 600	68,0
72,0	43,3	107,2	54 700	54 700	44,8	108,6	56 600	62 500	46,9	110,5	53 900	64 900	72,0
76,0	39,4	102,5	50 800	50 800	40,9	104,1	51 700	58 100	43,2	106,4	49 100	62 300	76,0
80,0	35,0	97,0	47 200	47 200	36,7	99,0	47 200	53 300	39,2	101,6	44 800	56 500	80,0
84,0	30,1	90,6	44 100	44 100	32,1	93,0	43 200	48 300	34,8	96,2	41 000	51 300	84,0
88,0	24,3	82,5	40 300	40 400	26,7	85,6	39 600	43 800	29,9	89,6	37 400	46 500	88,0
92,0	16,7	71,3	31 200	31 200	19,9	75,9	35 900	36 800	24,0	81,5	34 100	42 000	92,0
96,0					9,0	59,4	24 500	24 500	16,2	70,0	31 000	35 000	96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

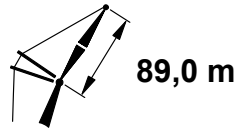
ASME B30.5



400 000 kg



44,0 m

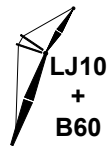


89,0 m

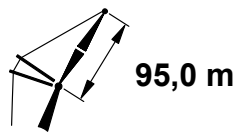
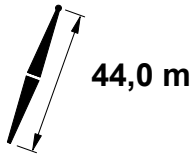
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	64,1	125,0	64 300	64 300									54,0
56,0	62,6	124,0	64 300	64 300									56,0
58,0	61,2	122,9	64 300	64 300									58,0
60,0	59,7	121,7	64 300	64 300									60,0
62,0	58,2	120,4	63 000	64 300									62,0
64,0	56,6	119,1	60 100	64 300	59,4	120,2	55 100	59 100					64,0
66,0	55,0	117,7	57 200	64 200	57,9	119,0	52 400	59 100					66,0
68,0	53,4	116,2	54 400	64 100	56,3	117,6	49 800	59 100					68,0
72,0	50,1	113,0	49 400	63 900	53,2	114,7	45 100	59 100					72,0
76,0	46,6	109,3	44 900	63 700	49,8	111,4	40 800	59 100	52,8	112,8	36 800	54 600	76,0
80,0	42,9	105,2	40 900	62 200	46,3	107,7	37 000	59 100	49,4	109,5	33 200	54 600	80,0
84,0	38,9	100,4	37 200	56 400	42,6	103,5	33 500	59 100	45,9	105,7	29 900	54 600	84,0
88,0	34,5	94,9	33 800	51 200	38,5	98,7	30 300	56 100	42,1	101,4	26 900	54 600	88,0
92,0	29,5	88,2	30 800	46 400	34,1	93,1	27 400	50 900	38,0	96,5	24 200	54 500	92,0
96,0	23,6	79,9	27 900	42 000	29,1	86,4	24 700	46 200	33,6	90,8	21 600	50 500	96,0
100,0	15,6	68,1	25 200	36 800	23,0	77,8	22 200	41 900	28,4	83,9	19 300	45 900	100,0
104,0					14,7	65,5	19 800	37 500	22,2	75,1	17 100	41 600	104,0
108,0									13,3	61,9	14 900	37 400	108,0

MLC650 VPC-MAX S-3

ASME B30.5



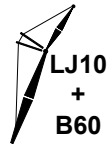
400 000 kg



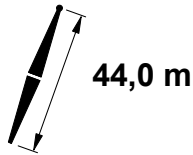
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,2	138,1	63 600	63 600									33,5
34,0	73,9	137,9	63 500	63 500									34,0
36,0	72,6	137,3	63 000	63 000									36,0
38,0	71,4	136,6	62 500	62 500									38,0
40,0	70,1	135,9	62 000	62 000									40,0
42,0	68,8	135,1	61 500	61 500	71,1	136,3	61 800	61 800					42,0
44,0	67,5	134,3	60 900	60 900	69,8	135,5	61 400	61 400					44,0
46,0	66,1	133,4	60 400	60 400	68,5	134,7	60 900	60 900					46,0
48,0	64,8	132,4	59 800	59 800	67,2	133,9	60 500	60 500	68,7	134,5	59 300	59 300	48,0
50,0	63,5	131,4	59 300	59 300	65,8	133,0	60 000	60 000	67,3	133,6	59 000	59 000	50,0
52,0	62,1	130,4	58 700	58 700	64,5	132,0	59 500	59 500	66,0	132,7	58 800	58 800	52,0
54,0	60,7	129,2	58 200	58 200	63,1	131,0	59 100	59 100	64,7	131,8	58 400	58 400	54,0
56,0	59,3	128,1	57 600	57 600	61,8	129,9	58 600	58 600	63,3	130,8	58 100	58 100	56,0
58,0	57,9	126,8	57 000	57 000	60,4	128,8	58 100	58 100	62,0	129,7	57 800	57 800	58,0
60,0	56,4	125,5	56 500	56 500	59,0	127,6	57 600	57 600	60,6	128,5	57 400	57 400	60,0
62,0	55,0	124,1	55 900	55 900	57,5	126,3	57 100	57 100	59,2	127,4	57 100	57 100	62,0
64,0	53,5	122,6	55 400	55 400	56,1	124,9	56 600	56 600	57,7	126,1	56 700	56 700	64,0
66,0	51,9	121,0	54 900	54 900	54,6	123,5	56 200	56 200	56,3	124,7	56 300	56 300	66,0
68,0	50,4	119,3	54 400	54 400	53,1	122,0	55 700	55 700	54,8	123,3	56 000	56 000	68,0
72,0	47,1	115,7	51 400	51 400	51,6	120,4	55 300	55 300	53,3	121,8	55 600	55 600	72,0
76,0	43,7	111,7	48 000	48 000	48,4	117,0	54 400	54 400	50,2	118,6	53 000	54 900	76,0
80,0	40,0	107,1	44 800	44 800	45,0	113,1	50 800	53 600	46,9	115,0	48 200	54 300	80,0
84,0	36,0	101,8	41 800	41 800	41,4	108,7	46 400	51 000	43,5	110,9	44 000	53 700	84,0
88,0	31,6	95,6	39 200	39 200	37,6	103,7	42 500	47 700	39,8	106,3	40 100	50 900	88,0
92,0	26,5	88,2	36 700	36 700	33,3	97,9	38 800	43 600	35,8	100,9	36 600	46 200	92,0
96,0	20,2	78,5	30 900	30 900	28,5	91,0	35 500	39 500	31,3	94,7	33 400	41 900	96,0
100,0	10,5	63,1	20 000	20 000	22,8	82,4	32 400	34 500	26,2	87,2	30 400	37 900	100,0
104,0					15,0	70,1	26 300	26 300	19,8	77,4	27 600	33 100	104,0
108,0									9,8	61,3	22 600	22 600	108,0
112,0													112,0

MLC650 VPC-MAX S-3

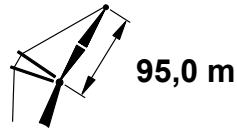
ASME B30.5



400 000 kg



44,0 m

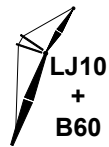


95,0 m

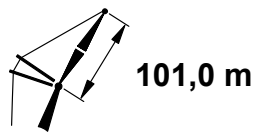
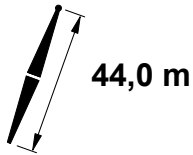
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	63,2	129,7	54 600	54 600									58,0
60,0	61,8	128,6	54 500	54 500									60,0
62,0	60,4	127,5	54 400	54 400									62,0
64,0	59,0	126,3	54 400	54 400									64,0
66,0	57,6	125,0	54 200	54 200									66,0
68,0	56,1	123,7	53 200	54 100	58,7	124,8	48 700	49 900					68,0
72,0	53,1	120,7	48 400	53 800	55,9	122,2	44 000	49 900					72,0
76,0	50,0	117,5	43 900	53 500	52,9	119,2	39 700	49 900					76,0
80,0	46,7	113,8	39 900	53 200	49,7	115,9	35 900	49 900	52,5	117,3	32 100	45 900	80,0
84,0	43,3	109,7	36 300	52 900	46,4	112,2	32 500	49 900	49,3	113,9	28 800	45 900	84,0
88,0	39,6	105,0	32 900	50 800	43,0	108,1	29 300	49 900	46,0	110,2	25 800	45 900	88,0
92,0	35,5	99,7	29 900	46 100	39,2	103,3	26 500	49 700	42,5	106,0	23 100	45 900	92,0
96,0	31,0	93,4	27 100	41 900	35,2	97,9	23 800	45 900	38,8	101,2	20 600	45 900	96,0
100,0	25,8	85,7	24 500	37 900	30,6	91,5	21 400	41 700	34,7	95,7	18 300	45 300	100,0
104,0	19,3	75,7	22 000	34 100	25,3	83,7	19 100	37 800	30,0	89,1	16 200	41 400	104,0
108,0	8,8	58,7	19 600	25 800	18,7	73,4	16 900	34 100	24,6	81,1	14 200	37 500	108,0
112,0									17,7	70,3	12 200	33 800	112,0

MLC650 VPC-MAX S-3

ASME B30.5



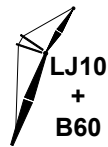
400 000 kg



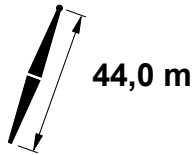
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,3	143,9	54 200	54 200									35,1
36,0	73,7	143,6	54 100	54 100									36,0
38,0	72,5	143,0	53 600	53 600									38,0
40,0	71,3	142,3	53 200	53 200	72,2	142,6	52 900	52 900					40,0
42,0	70,1	141,6	52 600	52 600	71,0	141,9	52 500	52 500					42,0
44,0	68,9	140,8	52 100	52 100	69,8	141,2	52 000	52 000					44,0
46,0	67,7	140,0	51 600	51 600	68,6	140,4	51 600	51 600					46,0
48,0	66,4	139,1	51 100	51 100	67,4	139,6	51 100	51 100	68,8	140,1	50 200	50 200	48,0
50,0	65,2	138,1	50 600	50 600	66,1	138,7	50 700	50 700	67,5	139,3	49 900	49 900	50,0
52,0	63,9	137,2	50 000	50 000	64,9	137,7	50 200	50 200	66,3	138,4	49 600	49 600	52,0
54,0	62,6	136,1	49 500	49 500	63,6	136,7	49 800	49 800	65,0	137,5	49 300	49 300	54,0
56,0	61,3	135,0	49 000	49 000	62,3	135,7	49 300	49 300	63,8	136,5	48 900	48 900	56,0
58,0	60,0	133,9	48 500	48 500	61,0	134,6	48 900	48 900	62,5	135,4	48 600	48 600	58,0
60,0	58,7	132,6	48 000	48 000	59,7	133,4	48 400	48 400	61,2	134,3	48 300	48 300	60,0
62,0	57,3	131,4	47 500	47 500	58,4	132,1	48 000	48 000	59,9	133,2	47 900	47 900	62,0
64,0	56,0	130,0	47 000	47 000	57,0	130,8	47 600	47 600	58,6	131,9	47 600	47 600	64,0
66,0	54,6	128,6	46 600	46 600	55,6	129,5	47 100	47 100	57,2	130,6	47 200	47 200	66,0
68,0	53,2	127,1	46 100	46 100	54,2	128,0	46 700	46 700	55,8	129,3	46 900	46 900	68,0
72,0	50,2	123,8	45 200	45 200	51,4	124,9	45 900	45 900	53,0	126,3	46 200	46 200	72,0
76,0	47,2	120,2	44 300	44 300	48,4	121,4	45 100	45 100	50,1	123,1	45 600	45 600	76,0
80,0	44,0	116,2	41 700	41 700	45,2	117,6	44 300	44 400	47,0	119,4	42 400	45 000	80,0
84,0	40,5	111,7	39 000	39 000	41,9	113,3	40 900	43 700	43,8	115,4	38 500	44 400	84,0
88,0	36,8	106,5	36 600	36 600	38,3	108,4	37 300	40 200	40,4	110,8	35 100	43 500	88,0
92,0	32,8	100,6	34 000	34 000	34,4	102,8	34 000	36 400	36,7	105,7	31 900	39 800	92,0
96,0	28,2	93,6	30 300	30 300	30,0	96,2	31 000	32 500	32,6	99,7	28 900	35 800	96,0
100,0	22,8	84,9	26 700	26 700	25,0	88,3	28 100	28 700	28,0	92,6	26 200	31 900	100,0
104,0	15,6	72,9	20 600	20 600	18,7	77,9	24 900	24 900	22,5	83,9	23 600	28 000	104,0
108,0					8,4	60,3	15 100	15 100	15,2	71,6	21 200	23 700	108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

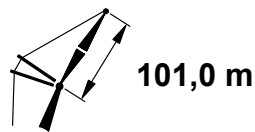
ASME B30.5



400 000 kg



44,0 m

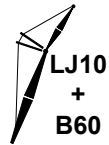


101,0 m

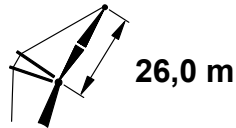
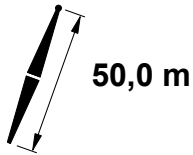
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	64,9	136,4	45 900	45 900									58,0
60,0	63,6	135,4	45 900	45 900									60,0
62,0	62,3	134,4	45 800	45 800									62,0
64,0	61,0	133,3	45 700	45 700									64,0
66,0	59,7	132,1	45 500	45 500									66,0
68,0	58,4	130,9	45 400	45 400									68,0
72,0	55,7	128,2	45 100	45 100	58,2	129,4	41 600	41 800					72,0
76,0	52,8	125,2	42 200	44 700	55,4	126,7	38 000	41 800					76,0
80,0	49,9	121,9	38 200	44 400	52,6	123,7	34 200	41 800					80,0
84,0	46,8	118,3	34 600	44 100	49,6	120,4	30 800	41 800	52,2	121,8	27 000	38 200	84,0
88,0	43,6	114,2	31 300	43 800	46,6	116,7	27 600	41 800	49,3	118,4	24 100	38 200	88,0
92,0	40,1	109,6	28 300	43 500	43,3	112,6	24 800	41 800	46,2	114,7	21 400	38 200	92,0
96,0	36,4	104,4	25 500	40 800	39,8	107,9	22 200	41 800	42,9	110,5	18 900	38 200	96,0
100,0	32,3	98,4	22 900	36 900	36,1	102,7	19 700	40 600	39,4	105,8	16 600	38 200	100,0
104,0	27,7	91,2	20 500	32 900	31,9	96,6	17 500	36 800	35,6	100,4	14 500	38 200	104,0
108,0	22,1	82,3	18 300	29 000	27,2	89,3	15 400	33 200	31,4	94,2	12 500	36 500	108,0
112,0	14,6	69,7	16 100	25 300	21,5	80,1	13 400	29 700	26,6	86,8	10 700	33 000	112,0
116,0					13,7	67,0	11 400	26 000	20,8	77,3		29 700	116,0
120,0									12,5	63,2		26 400	120,0

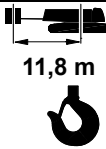
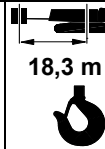
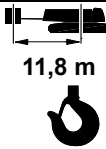
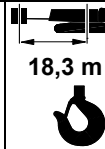
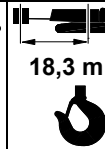
MLC650 VPC-MAX S-3

ASME B30.5



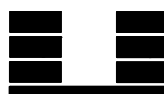
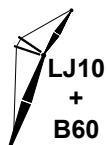
400 000 kg



	 85°					 83°					 80°						
				 11,8 m	 18,3 m				 11,8 m	 18,3 m				 11,8 m	 18,3 m		
15,2	74,2	77,7	350 000 c	350 000 c													15,2
16,0	72,4	77,4	348 400 c	350 000 c													16,0
18,0	67,7	76,5	336 300 c	350 000 c													18,0
20,0	62,7	75,5	302 700 b	342 000 b	67,0	76,2	296 300 b	350 000 b									20,0
22,0	57,4	74,2	271 300 b	324 000 b	62,0	75,1	265 600 b	344 900 b									22,0
24,0	51,8	72,6	245 100	307 400	56,7	73,8	240 000	328 400	63,5	75,0	232 300 b	350 000 b					24,0
26,0	45,7	70,7	223 100	290 800	51,0	72,1	218 500	311 400	58,3	73,8	211 400 b	341 300 b					26,0
28,0	38,7	68,2	204 600	256 000	44,8	70,1	200 400	287 000	52,8	72,2	194 000	314 600					28,0
30,0	30,3	64,9	188 400	209 400	37,7	67,6	184 600	255 600	46,7	70,3	178 800	290 100					30,0
32,0	18,1	59,8	160 000	160 000	29,0	64,2	170 600	209 700	39,9	68,0	165 400	265 600					32,0
34,0									31,8	64,9	153 700	233 800					34,0
36,0									20,7	60,2	143 000	182 300					36,0
38,0																	38,0
40,0																	40,0
42,0																	42,0
44,0																	44,0
46,0																	46,0
48,0																	48,0

MLC650 VPC-MAX S-3

ASME B30.5



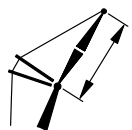
400 000 kg



360°



50,0 m

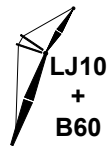


26,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	59,0	72,9	168 900	282 200									30,0
32,0	53,5	71,4	156 300	261 500									32,0
34,0	47,5	69,6	145 400	243 700	53,9	70,1	127 800	221 800					34,0
36,0	40,8	67,3	135 600	228 000	48,0	68,3	119 500	208 100					36,0
38,0	33,0	64,3	126 700	213 900	41,4	66,1	112 100	196 000					38,0
40,0	22,4	60,0	118 600	194 800	33,6	63,2	105 300	185 100	48,0	66,6	99 000	180 100	40,0
42,0					23,4	59,0	98 900	175 100	41,4	64,3	93 200	170 500	42,0
44,0									33,6	61,4	87 800	161 800	44,0
46,0									23,4	57,3	82 800	153 700	46,0
48,0													48,0

MLC650 VPC-MAX S-3

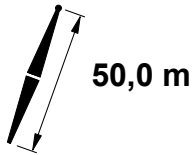
ASME B30.5



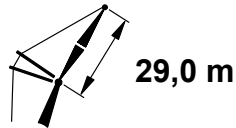
400 000 kg



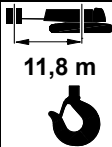
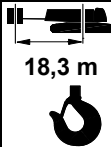
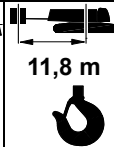
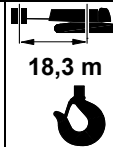
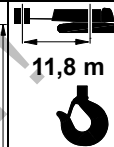
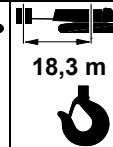
360°



50,0 m

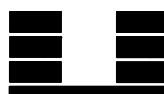
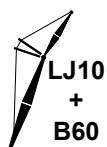


29,0 m

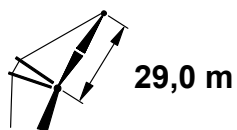
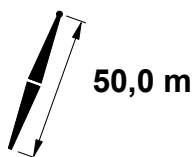
 85°					 83°					 80°						
 m	 °	 m	 11,8 m  kg	 18,3 m  kg		 °	 m	 11,8 m  kg	 18,3 m  kg		 °	 m	 11,8 m  kg	 18,3 m  kg	 m	
16,8	72,7	80,3	336 200 c	350 000 c												16,8
18,0	70,1	79,8	326 200 b	346 800 b												18,0
20,0	65,8	78,9	301 600 b	331 100 b	69,5	79,5	295 100 b	348 900 b								20,0
22,0	61,2	77,8	270 300 b	314 300 b	65,2	78,5	264 500 b	335 700 b								22,0
24,0	56,5	76,4	244 200	298 600	60,6	77,4	238 900	319 100			66,5	78,4	231 000 b	346 700 b		24,0
26,0	51,4	74,8	222 300	283 900	55,8	76,0	217 500	303 400			62,0	77,3	210 300 b	332 500 b		26,0
28,0	45,9	72,9	203 900	264 300	50,7	74,4	199 500	286 300			57,3	76,0	192 900	313 200		28,0
30,0	39,8	70,5	187 800	239 100	45,2	72,4	183 800	260 900			52,3	74,4	177 700	288 800		30,0
32,0	32,7	67,5	173 700	210 300	38,9	69,9	170 000	236 000			46,9	72,6	164 400	267 600		32,0
34,0	23,4	63,3	158 400	168 500	31,6	66,8	158 000	210 400			40,9	70,3	152 900	243 300		34,0
36,0					21,9	62,3	147 200	168 600			33,9	67,4	142 600	221 400		36,0
38,0											25,2	63,5	133 100	190 000		38,0
40,0																40,0
42,0																42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0

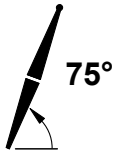
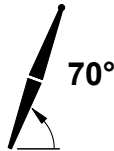
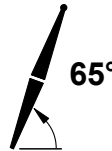
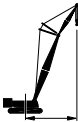
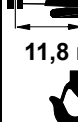
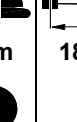
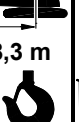
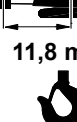
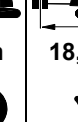
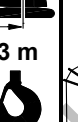
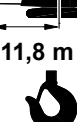
MLC650 VPC-MAX S-3

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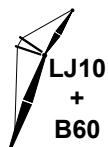
400 000 kg



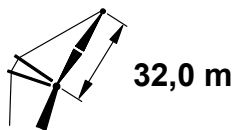
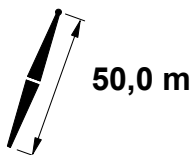
	 75°				 70°				 65°					
														
16,8														16,8
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0

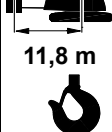
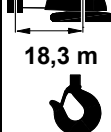
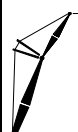
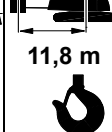
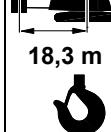
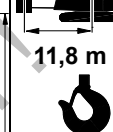
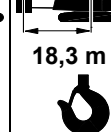
MLC650 VPC-MAX S-3

ASME B30.5



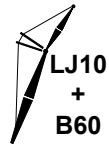
400 000 kg



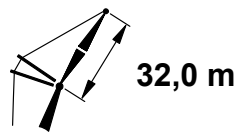
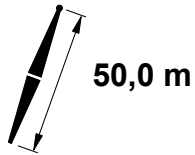
 85°					 83°					 80°					
 m	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 m		
16,8	74,4	83,5	328 500 b	338 900 b										16,8	
18,0	72,1	83,0	319 100 b	333 700 b										18,0	
20,0	68,2	82,2	301 100 b	320 400 b	71,6	82,7	294 500 b	335 000 b						20,0	
22,0	64,2	81,2	269 800 b	305 100 b	67,7	81,9	263 900 b	325 000 b						22,0	
24,0	60,1	80,1	243 800	290 400	63,7	80,9	238 400	310 000						24,0	
26,0	55,7	78,7	221 900	276 500	59,5	79,7	217 000	295 500	64,9	80,7	209 600	322 900		26,0	
28,0	51,1	77,1	203 600	260 200	55,2	78,3	199 000	281 800	60,8	79,6	192 300	307 900		28,0	
30,0	46,2	75,2	187 600	239 000	50,5	76,6	183 400	262 700	56,5	78,3	177 200	287 900		30,0	
32,0	40,7	72,9	173 600	220 100	45,5	74,7	169 800	238 500	51,9	76,7	164 000	266 800		32,0	
34,0	34,5	70,0	161 400	200 500	40,0	72,3	157 900	217 900	47,0	74,8	152 500	245 800		34,0	
36,0	27,0	66,3	150 500	172 600	33,6	69,4	147 200	199 400	41,7	72,6	142 300	223 900		36,0	
38,0	16,0	60,5	134 600	135 600	25,8	65,5	137 600	173 800	35,6	69,9	133 000	205 000		38,0	
40,0									28,4	66,4	124 700	186 700		40,0	
42,0									18,3	61,1	117 000	153 600		42,0	
44,0														44,0	
46,0														46,0	
48,0														48,0	
50,0														50,0	
52,0														52,0	
54,0														54,0	

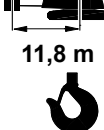
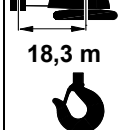
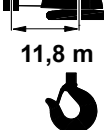
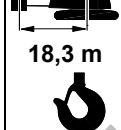
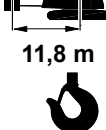
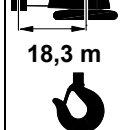
MLC650 VPC-MAX S-3

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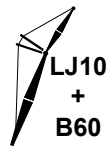
400 000 kg



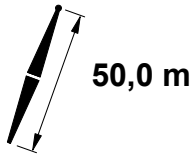
	 75°				 70°				 65°					
 m	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 m	
16,8														16,8
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0	61,3	78,7	154 400	259 300										32,0
34,0	57,0	77,4	143 600	241 600										34,0
36,0	52,5	75,9	133 900	226 000										36,0
38,0	47,7	74,1	125 200	212 100										38,0
40,0	42,4	71,9	117 500	199 800	52,8	74,6	110 200	194 100						40,0
42,0	36,4	69,2	110 500	188 700	48,0	72,8	103 600	183 300						42,0
44,0	29,4	65,8	104 000	178 600	42,8	70,7	97 600	173 500						44,0
46,0	19,9	60,9	97 900	165 100	36,9	68,0	92 000	164 700	48,1	71,1	86 000	160 000		46,0
48,0					30,0	64,7	86 900	156 600	42,8	68,9	81 200	152 100		48,0
50,0					20,8	60,0	82 100	149 100	36,9	66,3	76 800	144 900		50,0
52,0									30,0	63,0	72 700	138 200		52,0
54,0									20,8	58,3	68 800	132 000		54,0

MLC650 VPC-MAX S-3

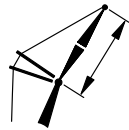
ASME B30.5



400 000 kg



50,0 m

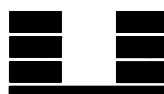
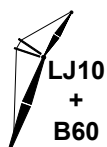


35,0 m

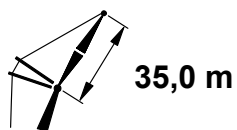
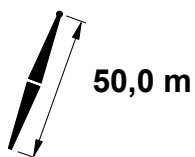
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,2	86,1	307 800 b	308 500 b									18,3
20,0	70,2	85,5	295 000 b	302 100 b									20,0
22,0	66,6	84,6	268 800 b	293 600 b	69,7	85,1	262 700 b	303 900 b					22,0
24,0	62,9	83,5	242 800	281 600	66,1	84,2	237 200	297 200					24,0
26,0	59,1	82,3	220 900	268 700	62,4	83,2	215 900	286 900	67,2	84,1	208 400	301 300	26,0
28,0	55,1	80,9	202 600	253 100	58,6	81,9	198 000	274 200	63,5	83,1	191 000	296 000	28,0
30,0	50,9	79,3	186 700	233 100	54,5	80,5	182 400	261 500	59,7	81,9	176 000	285 000	30,0
32,0	46,3	77,4	172 700	214 800	50,3	78,8	168 800	240 000	55,8	80,5	162 800	265 500	32,0
34,0	41,4	75,1	160 700	198 800	45,7	76,9	157 000	219 200	51,6	78,9	151 400	246 300	34,0
36,0	35,9	72,4	149 800	185 100	40,7	74,6	146 400	201 200	47,1	77,1	141 200	225 200	36,0
38,0	29,5	69,0	140 100	167 700	35,1	71,8	136 900	185 500	42,3	74,9	132 100	206 300	38,0
40,0	21,1	64,3	130 000	140 700	28,5	68,3	128 400	167 500	36,9	72,3	123 900	190 200	40,0
42,0					19,7	63,3	120 500	140 900	30,6	69,0	116 500	175 400	42,0
44,0									22,7	64,6	109 600	155 500	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0

MLC650 VPC-MAX S-3

ASME B30.5



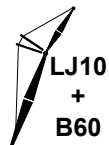
400 000 kg



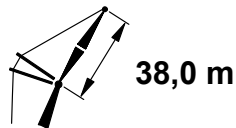
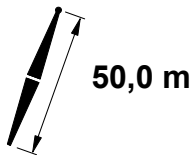
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	64,0	82,2	153 000	257 800									32,0
34,0	60,2	81,0	142 200	240 300									34,0
36,0	56,3	79,7	132 600	224 800									36,0
38,0	52,1	78,1	124 000	210 900									38,0
40,0	47,7	76,3	116 300	198 700	56,6	78,4	108 800	192 900					40,0
42,0	42,9	74,1	109 400	187 600	52,4	76,8	102 300	182 100					42,0
44,0	37,6	71,6	103 000	177 600	48,0	75,0	96 300	172 400					44,0
46,0	31,5	68,4	97 100	168 500	43,3	72,9	90 900	163 600	52,5	75,1	84 600	158 800	46,0
48,0	23,8	64,2	91 700	159 400	38,0	70,4	85 800	155 500	48,1	73,3	79 900	151 000	48,0
50,0	11,6	57,0	86 400	132 800	32,0	67,3	81 200	148 100	43,3	71,2	75 600	143 800	50,0
52,0					24,5	63,2	76 800	141 300	38,0	68,7	71 500	137 200	52,0
54,0									32,0	65,6	67 800	131 100	54,0
56,0									24,5	61,5	64 200	125 400	56,0

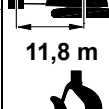
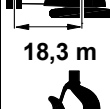
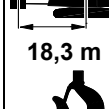
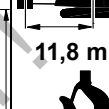
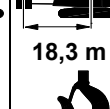
MLC650 VPC-MAX S-3

ASME B30.5



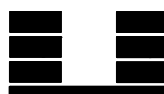
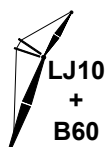
400 000 kg



 85°					 83°					 80°						
 m	 °	 m	 11,8 m kg	 18,3 m kg		 °	 m	 11,8 m kg	 18,3 m kg		 °	 m	 11,8 m kg	 18,3 m kg	 m	
18,3	74,6	89,3	289 600 b	289 600 b												18,3
20,0	71,8	88,7	284 200 b	284 200 b												20,0
22,0	68,6	87,9	275 100	277 500	71,4	88,4	272 600 b	285 300 b								22,0
24,0	65,3	87,0	254 500	270 700	68,2	87,6	248 900	279 700								24,0
26,0	61,8	85,9	231 700	261 800	64,8	86,6	226 600	273 800	69,1	87,4	219 000	282 200				26,0
28,0	58,3	84,6	212 600	245 800	61,4	85,5	207 900	266 600	65,8	86,5	200 900	278 000				28,0
30,0	54,6	83,2	196 100	227 600	57,8	84,2	191 700	256 300	62,4	85,4	185 200	273 200				30,0
32,0	50,7	81,5	181 500	210 400	54,1	82,8	177 500	241 700	58,9	84,2	171 500	265 200				32,0
34,0	46,5	79,6	169 000	194 800	50,1	81,1	165 200	220 900	55,2	82,8	159 600	246 700				34,0
36,0	42,0	77,4	157 800	180 800	46,0	79,2	154 200	203 000	51,3	81,2	149 000	227 000				36,0
38,0	37,1	74,8	147 700	168 500	41,4	76,9	144 400	187 300	47,2	79,3	139 400	208 000				38,0
40,0	31,4	71,7	138 700	157 500	36,4	74,2	135 600	173 700	42,8	77,2	131 000	191 900				40,0
42,0	24,6	67,6	130 400	141 300	30,6	71,0	127 600	159 400	37,9	74,6	123 300	177 700				42,0
44,0	14,5	61,2	112 900	113 800	23,5	66,7	120 200	141 400	32,4	71,6	116 200	165 100				44,0
46,0									25,8	67,7	109 700	150 400				46,0
48,0										16,6	61,9	103 600	126 700			48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0
58,0																58,0
60,0																60,0

MLC650 VPC-MAX S-3

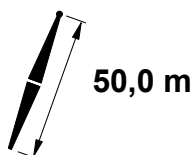
ASME B30.5



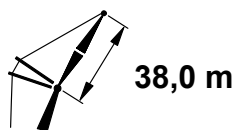
400 000 kg



360°



50,0 m

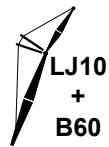


38,0 m

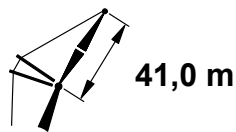
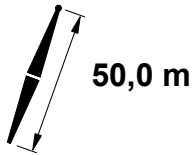
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	62,8	84,5	150 300	240 000									34,0
36,0	59,3	83,3	140 200	224 500									36,0
38,0	55,7	81,9	131 200	210 700									38,0
40,0	51,8	80,4	123 200	198 500									40,0
42,0	47,8	78,5	116 000	187 500	55,9	80,6	108 700	182 000					42,0
44,0	43,4	76,4	109 300	177 500	52,1	79,1	102 500	172 200					44,0
46,0	38,6	74,0	103 300	168 500	48,1	77,3	96 800	163 500					46,0
48,0	33,2	71,0	97 700	160 200	43,7	75,2	91 600	155 500	52,1	77,3	85 600	150 900	48,0
50,0	26,7	67,2	92 500	152 700	39,0	72,8	86 800	148 100	48,1	75,5	81 000	143 700	50,0
52,0	18,1	61,8	87 600	137 600	33,6	69,8	82 300	141 300	43,7	73,5	76 800	137 100	52,0
54,0					27,3	66,1	78 100	135 100	39,0	71,0	72 900	131 100	54,0
56,0					18,9	60,9	74 100	129 300	33,6	68,1	69 300	125 500	56,0
58,0									27,3	64,4	65 800	120 200	58,0
60,0									18,9	59,2	62 500	115 300	60,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,5	91,9	265 700	265 700									19,8
20,0	73,2	91,9	265 400	265 400									20,0
22,0	70,2	91,1	260 900	260 900									22,0
24,0	67,2	90,3	251 000	254 900	69,8	90,8	247 700	262 500					24,0
26,0	64,1	89,3	230 600	248 700	66,8	89,9	225 400	257 400					26,0
28,0	60,9	88,2	211 600	237 200	63,7	88,9	206 800	252 000	67,7	89,8	199 700	260 200	28,0
30,0	57,6	86,9	195 100	221 100	60,4	87,8	190 600	246 600	64,6	88,8	184 000	256 300	30,0
32,0	54,1	85,4	180 600	205 400	57,1	86,5	176 400	239 300	61,4	87,7	170 300	252 000	32,0
34,0	50,5	83,8	168 100	190 700	53,6	85,0	164 200	221 200	58,1	86,4	158 400	245 000	34,0
36,0	46,6	81,9	156 900	177 100	50,0	83,3	153 300	203 200	54,7	85,0	147 900	227 200	36,0
38,0	42,5	79,7	146 800	164 800	46,1	81,4	143 400	187 500	51,1	83,4	138 400	208 200	38,0
40,0	38,0	77,2	137 900	154 000	41,9	79,2	134 700	173 900	47,3	81,5	129 900	192 000	40,0
42,0	33,0	74,2	129 800	144 900	37,4	76,6	126 800	161 900	43,2	79,4	122 300	177 900	42,0
44,0	27,0	70,4	122 300	135 200	32,2	73,5	119 500	150 900	38,8	77,0	115 300	165 400	44,0
46,0	19,3	65,3	113 300	117 100	26,1	69,6	112 900	135 700	33,8	74,0	108 900	154 300	46,0
48,0					18,1	64,2	106 700	116 100	28,1	70,4	103 000	142 700	48,0
50,0									20,8	65,6	97 500	127 200	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

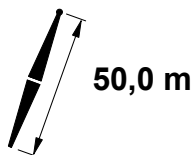
ASME B30.5



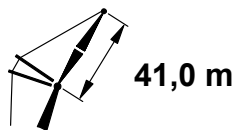
400 000 kg



360°



50,0 m

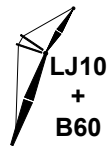


41,0 m

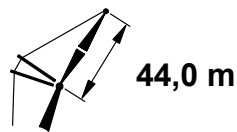
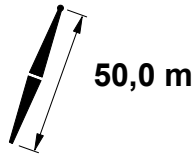
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,8	86,8	138 900	223 300									36,0
38,0	58,5	85,6	130 000	209 500									38,0
40,0	55,1	84,2	122 000	197 300									40,0
42,0	51,5	82,6	114 800	186 400									42,0
44,0	47,8	80,8	108 200	176 400	55,4	82,9	101 200	171 100					44,0
46,0	43,7	78,7	102 200	167 400	51,8	81,3	95 500	162 300					46,0
48,0	39,4	76,3	96 700	159 200	48,1	79,5	90 400	154 400	51,8	79,6	79 700	142 500	48,0
50,0	34,5	73,4	91 600	151 700	44,0	77,4	85 600	147 000	48,1	77,8	75 500	136 000	50,0
52,0	28,9	69,9	86 800	144 600	39,7	75,1	81 100	140 300	44,1	75,7	71 700	130 000	52,0
54,0	21,9	65,3	82 400	133 800	34,9	72,2	77 000	134 100	39,7	73,3	68 100	124 400	54,0
56,0	10,5	57,5	77 900	109 200	29,3	68,8	73 200	128 300	34,9	70,5	64 700	119 200	56,0
58,0					22,5	64,3	69 500	123 000	29,4	67,1	61 500	114 400	58,0
60,0									22,5	62,6	58 500	109 800	60,0
62,0									11,9	55,3	55 500	105 500	62,0
64,0													64,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,7	95,1	242 700	242 700									19,8
20,0	74,4	95,0	242 700	242 700									20,0
22,0	71,7	94,3	242 600	242 600									22,0
24,0	68,9	93,6	239 500	239 500	71,3	94,0	241 800	241 800					24,0
26,0	66,0	92,7	229 900	234 200	68,5	93,2	224 600	241 400					26,0
28,0	63,1	91,6	210 900	227 100	65,6	92,3	206 000	236 800					28,0
30,0	60,1	90,5	194 300	214 100	62,7	91,3	189 800	232 000	66,5	92,2	183 100	239 100	30,0
32,0	57,0	89,2	179 900	200 100	59,7	90,1	175 700	227 200	63,6	91,1	169 400	236 300	32,0
34,0	53,7	87,7	167 400	186 600	56,5	88,8	163 500	217 700	60,6	90,0	157 600	232 400	34,0
36,0	50,3	86,0	156 200	173 800	53,3	87,3	152 500	203 100	57,5	88,7	147 100	225 000	36,0
38,0	46,8	84,1	146 200	161 900	49,9	85,6	142 800	187 900	54,3	87,3	137 600	208 600	38,0
40,0	43,0	82,0	137 300	151 200	46,3	83,7	134 000	174 300	50,9	85,6	129 200	192 400	40,0
42,0	38,8	79,5	129 200	141 600	42,4	81,5	126 200	162 200	47,4	83,8	121 600	178 300	42,0
44,0	34,3	76,7	121 800	133 300	38,3	79,0	118 900	151 400	43,6	81,7	114 600	165 700	44,0
46,0	29,0	73,2	115 100	126 200	33,6	76,0	112 400	141 400	39,5	79,3	108 300	154 600	46,0
48,0	22,7	68,7	108 900	115 400	28,3	72,5	106 300	130 100	35,1	76,5	102 500	144 600	48,0
50,0	13,4	61,9	93 200	93 800	21,7	67,8	100 700	115 900	30,0	73,2	97 100	135 200	50,0
52,0									23,8	68,9	92 000	123 100	52,0
54,0									15,3	62,7	87 200	104 700	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

MLC650 VPC-MAX S-3

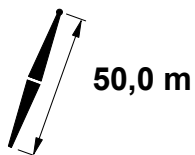
ASME B30.5



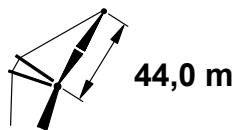
400 000 kg



360°



50,0 m

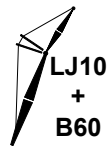


44,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	61,0	89,1	129 100	208 600									38,0
40,0	57,9	87,9	121 100	196 500									40,0
42,0	54,7	86,4	113 900	185 500									42,0
44,0	51,3	84,8	107 400	175 600									44,0
46,0	47,8	83,0	101 400	166 700	54,9	85,2	94 600	161 500					46,0
48,0	44,1	81,0	95 900	158 500	51,6	83,6	89 500	153 600					48,0
50,0	40,1	78,6	90 900	151 000	48,1	81,8	84 800	146 300					50,0
52,0	35,6	75,9	86 200	144 100	44,4	79,7	80 400	139 600	51,6	81,8	74 600	135 200	52,0
54,0	30,7	72,6	81 900	136 800	40,4	77,4	76 300	133 400	48,1	80,0	70 800	129 200	54,0
56,0	24,7	68,5	77 800	127 900	36,0	74,7	72 500	127 700	44,4	78,0	67 300	123 600	56,0
58,0	16,7	62,6	73 800	114 100	31,0	71,5	68 900	122 300	40,4	75,7	63 900	118 500	58,0
60,0					25,2	67,4	65 600	117 400	36,0	72,9	60 800	113 700	60,0
62,0					17,4	61,8	62 300	112 700	31,1	69,7	57 900	109 200	62,0
64,0									25,2	65,7	55 100	104 900	64,0
66,0									17,4	60,1	52 300	100 900	66,0

MLC650 VPC-MAX S-3

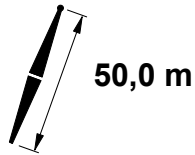
ASME B30.5



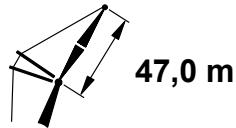
400 000 kg



360°



50,0 m

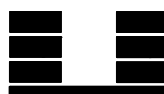
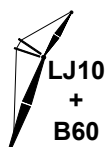


47,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,7	97,7	223 000	223 000									21,3
22,0	72,9	97,5	223 000	223 000									22,0
24,0	70,3	96,8	222 700	222 700									24,0
26,0	67,6	95,9	221 300	221 300	69,9	96,5	221 900	222 000					26,0
28,0	64,9	95,0	215 400	216 000	67,3	95,6	214 700	221 800					28,0
30,0	62,2	93,9	202 400	206 300	64,6	94,6	197 800	219 300	68,1	95,4	191 000	216 900	30,0
32,0	59,3	92,7	187 400	194 000	61,8	93,6	183 100	215 100	65,4	94,5	176 700	216 900	32,0
34,0	56,4	91,4	174 400	181 800	59,0	92,4	170 400	209 400	62,6	93,5	164 400	216 900	34,0
36,0	53,4	89,9	162 800	170 000	56,0	91,0	159 000	198 300	59,8	92,3	153 400	215 500	36,0
38,0	50,2	88,2	152 400	158 800	53,0	89,5	148 800	186 000	56,9	91,0	143 600	208 000	38,0
40,0	46,8	86,4	143 100	148 500	49,8	87,8	139 800	174 000	53,9	89,5	134 800	192 200	40,0
42,0	43,3	84,2	134 700	139 100	46,4	85,9	131 600	162 000	50,7	87,9	126 900	178 000	42,0
44,0	39,5	81,8	127 100	130 500	42,8	83,7	124 100	151 200	47,4	86,0	119 600	165 400	44,0
46,0	35,3	79,1	120 100	123 000	39,0	81,3	117 300	141 600	43,9	84,0	113 100	154 400	46,0
48,0	30,6	75,8	113 800	116 700	34,7	78,4	111 100	132 500	40,1	81,6	107 000	144 500	48,0
50,0	25,1	71,7	107 800	110 700	30,0	75,1	105 300	123 500	36,0	78,9	101 500	135 400	50,0
52,0	17,9	66,2	96 900	96 900	24,3	70,9	99 900	111 800	31,4	75,7	96 300	126 800	52,0
54,0					16,8	65,0	92 500	96 300	26,1	71,8	91 500	117 700	54,0
56,0									19,3	66,6	87 000	105 300	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

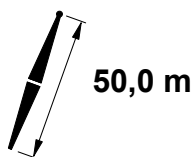
ASME B30.5



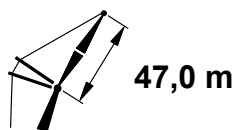
400 000 kg



360°



50,0 m

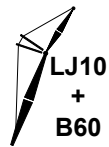


47,0 m

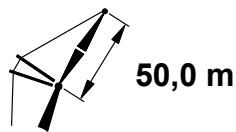
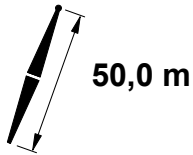
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	63,0	92,6	134 900	203 100									38,0
40,0	60,2	91,4	126 600	195 300									40,0
42,0	57,3	90,1	119 100	184 400									42,0
44,0	54,3	88,7	112 200	174 500									44,0
46,0	51,1	87,1	106 000	165 600	57,5	88,8	99 100	160 300					46,0
48,0	47,8	85,2	100 300	157 400	54,5	87,4	93 700	152 400					48,0
50,0	44,4	83,2	95 100	150 000	51,4	85,8	88 800	145 200					50,0
52,0	40,6	80,9	90 200	143 100	48,1	84,0	84 200	138 500	54,5	85,6	78 300	134 000	52,0
54,0	36,6	78,2	85 800	136 300	44,6	82,0	80 000	132 300	51,4	84,0	74 400	128 100	54,0
56,0	32,1	75,1	81 600	128 400	40,9	79,7	76 100	126 600	48,1	82,2	70 700	122 500	56,0
58,0	26,8	71,3	77 600	120 300	36,9	77,0	72 400	121 300	44,6	80,2	67 200	117 400	58,0
60,0	20,3	66,3	73 900	111 200	32,4	74,0	68 900	116 400	40,9	77,9	64 000	112 600	60,0
62,0					27,2	70,2	65 700	111 800	36,9	75,3	60 900	108 100	62,0
64,0					20,8	65,4	62 500	107 400	32,4	72,2	58 100	103 900	64,0
66,0									27,3	68,5	55 300	100 000	66,0
68,0									20,9	63,7	52 700	96 300	68,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



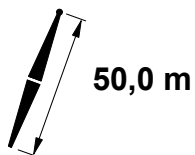
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,7	100,9	203 900	203 900									21,3
22,0	73,9	100,7	203 900	203 900									22,0
24,0	71,5	100,0	203 800	203 800									24,0
26,0	69,1	99,2	203 300	203 300	71,2	99,7	203 200	203 200					26,0
28,0	66,5	98,3	201 900	201 900	68,7	98,9	203 200	203 200					28,0
30,0	64,0	97,3	197 200	197 200	66,2	98,0	196 700	203 200					30,0
32,0	61,4	96,2	187 200	187 300	63,7	97,0	182 800	202 800	67,0	97,8	176 400	198 500	32,0
34,0	58,7	95,0	174 200	176 600	61,0	95,9	170 100	199 000	64,4	96,8	164 100	198 500	34,0
36,0	55,9	93,6	162 600	165 900	58,3	94,6	158 800	192 000	61,8	95,8	153 100	198 500	36,0
38,0	53,0	92,1	152 200	155 600	55,5	93,2	148 600	181 300	59,1	94,6	143 300	198 500	38,0
40,0	50,1	90,4	143 000	145 800	52,7	91,7	139 600	170 500	56,4	93,2	134 500	192 800	40,0
42,0	46,9	88,6	134 600	136 600	49,6	90,0	131 400	160 100	53,5	91,7	126 600	178 600	42,0
44,0	43,6	86,5	127 000	128 200	46,5	88,1	124 000	150 100	50,5	90,1	119 400	166 000	44,0
46,0	40,1	84,1	120 100	120 500	43,1	86,0	117 200	140 800	47,4	88,2	112 900	154 900	46,0
48,0	36,2	81,4	113 700	113 800	39,6	83,6	111 000	132 300	44,2	86,2	106 900	145 100	48,0
50,0	31,9	78,3	107 800	107 900	35,7	80,8	105 200	124 600	40,6	83,9	101 300	136 100	50,0
52,0	27,1	74,5	102 400	103 000	31,3	77,6	99 900	117 300	36,9	81,2	96 200	127 700	52,0
54,0	21,1	69,7	95 300	96 200	26,3	73,8	95 000	108 100	32,7	78,2	91 500	120 000	54,0
56,0	12,3	62,3	78 500	78 500	20,1	68,7	90 400	96 900	27,9	74,5	87 000	112 700	56,0
58,0									22,2	69,9	82 800	102 900	58,0
60,0									14,1	63,2	78 800	88 100	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

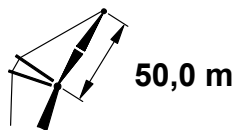
ASME B30.5



400 000 kg



50,0 m

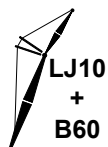


50,0 m

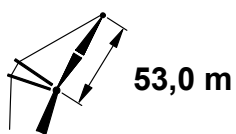
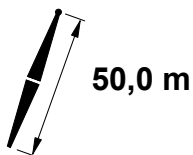
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,1	94,9	126 200	185 800									40,0
42,0	59,5	93,7	118 700	182 800									42,0
44,0	56,7	92,4	111 900	174 100									44,0
46,0	53,9	90,9	105 700	165 200									46,0
48,0	50,9	89,3	100 100	157 100	56,9	91,1	93 400	152 000					48,0
50,0	47,8	87,5	94 800	149 600	54,1	89,6	88 400	144 800					50,0
52,0	44,6	85,4	90 000	142 700	51,2	88,0	83 900	138 100					52,0
54,0	41,1	83,2	85 600	136 400	48,1	86,2	79 700	132 000					54,0
56,0	37,4	80,6	81 400	129 200	44,8	84,2	75 800	126 300	51,2	86,3	70 300	122 200	56,0
58,0	33,2	77,6	77 500	121 300	41,4	81,9	72 100	121 000	48,1	84,5	66 900	117 000	58,0
60,0	28,6	74,0	73 800	114 100	37,6	79,4	68 700	116 100	44,8	82,5	63 700	112 300	60,0
62,0	23,0	69,6	70 400	107 300	33,6	76,4	65 500	111 500	41,4	80,2	60 600	107 800	62,0
64,0	15,4	63,3	67 000	96 600	28,9	72,9	62 500	107 200	37,7	77,6	57 800	103 600	64,0
66,0					23,4	68,5	59 600	103 200	33,6	74,7	55 100	99 700	66,0
68,0					16,1	62,5	56 800	98 900	29,0	71,2	52 600	96 100	68,0
72,0									16,1	60,8	47 700	89 200	72,0

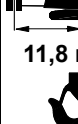
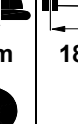
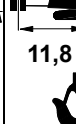
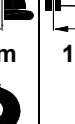
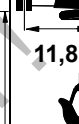
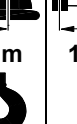
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



 85°					 83°					 80°					
 m		 m	 kg	 kg		 m	 kg	 kg		 m	 kg	 kg	 m		
22,9	73,9	103,6	187 800	187 800									22,9		
24,0	72,6	103,2	187 800	187 800									24,0		
26,0	70,3	102,4	187 400	187 400	72,3	102,9	186 300	186 300					26,0		
28,0	68,0	101,6	186 700	186 700	70,0	102,1	186 300	186 300					28,0		
30,0	65,6	100,7	185 300	185 300	67,7	101,3	186 300	186 300					30,0		
32,0	63,2	99,7	180 000	180 000	65,3	100,4	181 700	186 300	68,4	101,1	175 200	182 900	32,0		
34,0	60,7	98,5	170 700	170 700	62,8	99,3	169 000	186 300	66,0	100,2	162 900	182 900	34,0		
36,0	58,1	97,3	161 200	161 300	60,4	98,2	157 700	183 900	63,6	99,2	151 900	182 900	36,0		
38,0	55,5	95,9	151 200	151 900	57,8	96,9	147 600	175 800	61,1	98,1	142 100	182 900	38,0		
40,0	52,8	94,4	142 000	142 900	55,2	95,5	138 500	166 300	58,6	96,9	133 400	182 900	40,0		
42,0	50,0	92,7	133 700	134 300	52,4	94,0	130 400	156 900	55,9	95,5	125 500	177 700	42,0		
44,0	47,0	90,8	126 100	126 200	49,6	92,3	122 900	147 700	53,2	94,0	118 300	165 500	44,0		
46,0	43,9	88,8	118 700	118 700	46,6	90,4	116 200	138 900	50,4	92,3	111 800	154 400	46,0		
48,0	40,6	86,5	111 900	111 900	43,5	88,3	110 000	130 700	47,5	90,5	105 800	144 500	48,0		
50,0	37,0	83,8	105 700	105 700	40,1	85,9	104 300	123 000	44,4	88,5	100 300	135 600	50,0		
52,0	33,1	80,8	100 300	100 300	36,5	83,2	99 000	116 100	41,1	86,2	95 200	127 500	52,0		
54,0	28,7	77,3	95 800	95 800	32,6	80,2	94 200	109 900	37,6	83,6	90 500	119 800	54,0		
56,0	23,5	72,9	91 800	92 200	28,1	76,6	89 600	103 100	33,8	80,7	86 100	112 800	56,0		
58,0	16,8	67,0	81 500	81 500	22,8	72,1	85 300	93 700	29,5	77,3	82 000	106 200	58,0		
60,0					15,7	65,8	78 800	81 200	24,5	73,1	78 100	99 000	60,0		
62,0									18,1	67,5	74 400	88 700	62,0		
64,0									6,6	57,1	70 100	70 200	64,0		
66,0													66,0		
68,0													68,0		
72,0													72,0		
76,0													76,0		

MLC650 VPC-MAX S-3

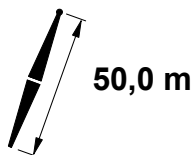
ASME B30.5



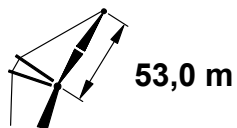
400 000 kg



360°



50,0 m

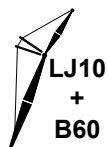


53,0 m

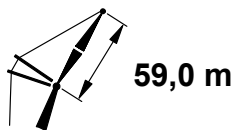
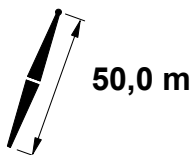
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	63,9	98,3	124 900	170 300									40,0
42,0	61,4	97,2	117 500	170 300									42,0
44,0	58,9	96,0	110 700	170 300									44,0
46,0	56,3	94,6	104 500	164 100									46,0
48,0	53,6	93,2	98 900	156 000									48,0
50,0	50,8	91,5	93 700	148 600	56,5	93,4	87 100	143 600					50,0
52,0	47,9	89,7	88 900	141 700	53,8	91,9	82 600	137 000					52,0
54,0	44,8	87,7	84 400	135 400	51,0	90,3	78 400	130 900					54,0
56,0	41,6	85,5	80 300	128 600	48,1	88,5	74 500	125 300					56,0
58,0	38,1	82,9	76 400	121 200	45,0	86,5	70 900	120 000	51,0	88,5	65 500	115 900	58,0
60,0	34,3	80,1	72 800	114 100	41,8	84,2	67 500	115 100	48,1	86,7	62 400	111 200	60,0
62,0	30,1	76,7	69 400	107 500	38,4	81,7	64 400	110 500	45,1	84,7	59 400	106 800	62,0
64,0	25,2	72,6	66 200	101 300	34,6	78,9	61 400	106 200	41,8	82,5	56 600	102 600	64,0
66,0	19,0	67,3	63 100	94 000	30,4	75,6	58 500	102 200	38,4	80,0	53 900	98 700	66,0
68,0					25,5	71,6	55 800	98 500	34,6	77,2	51 400	95 100	68,0
72,0									25,6	69,8	46 800	88 300	72,0
76,0									10,3	56,3	42 300	82 200	76,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



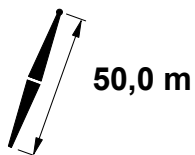
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,1	109,4	158 700	158 700									24,4
26,0	72,4	108,8	158 600	158 600									26,0
28,0	70,3	108,1	158 200	158 200	72,1	108,5	156 900	156 900					28,0
30,0	68,2	107,3	157 700	157 700	70,1	107,8	156 900	156 900					30,0
32,0	66,1	106,4	157 000	157 000	68,0	107,0	156 900	156 900					32,0
34,0	63,9	105,4	155 600	155 600	65,8	106,1	156 900	156 900	68,6	106,8	153 000	153 000	34,0
36,0	61,7	104,3	150 600	150 600	63,7	105,1	154 600	156 900	66,5	105,9	149 500	153 000	36,0
38,0	59,5	103,1	143 400	143 400	61,4	104,0	146 200	156 900	64,3	104,9	140 600	153 000	38,0
40,0	57,2	101,8	136 100	136 100	59,2	102,8	137 200	155 300	62,1	103,9	131 900	153 000	40,0
42,0	54,8	100,4	128 800	128 800	56,9	101,4	129 100	148 800	59,9	102,7	124 000	153 000	42,0
44,0	52,3	98,9	121 800	121 800	54,5	100,0	121 600	141 400	57,5	101,4	116 900	153 000	44,0
46,0	49,8	97,2	115 100	115 100	52,0	98,4	114 900	134 100	55,2	100,0	110 400	150 600	46,0
48,0	47,1	95,3	108 700	108 700	49,4	96,7	108 800	126 900	52,7	98,5	104 400	143 900	48,0
50,0	44,4	93,3	102 700	102 700	46,8	94,9	103 100	120 000	50,2	96,8	98 900	135 300	50,0
52,0	41,4	91,0	97 100	97 100	44,0	92,8	97 900	113 400	47,6	95,0	93 900	127 200	52,0
54,0	38,3	88,5	92 100	92 100	41,0	90,5	93 000	107 200	44,8	93,0	89 200	119 900	54,0
56,0	35,0	85,7	87 600	87 600	37,9	88,0	88 500	101 500	41,9	90,8	84 900	113 000	56,0
58,0	31,3	82,5	83 600	83 600	34,5	85,1	84 300	96 300	38,8	88,3	80 800	106 600	58,0
60,0	27,1	78,7	80 200	80 200	30,8	81,8	80 400	91 700	35,5	85,5	77 000	100 700	60,0
62,0	22,2	74,1	77 500	77 500	26,5	77,9	76 700	86 700	31,9	82,4	73 500	95 200	62,0
64,0	15,9	67,8	69 000	69 000	21,5	73,2	73 200	79 400	27,9	78,7	70 100	90 000	64,0
66,0					14,8	66,6	67 500	69 000	23,1	74,3	66 900	83 800	66,0
68,0									17,1	68,4	63 900	75 300	68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

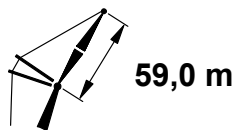
ASME B30.5



400 000 kg



50,0 m

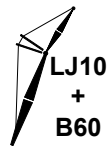


59,0 m

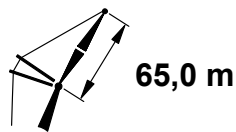
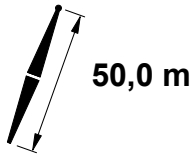
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	62,4	103,0	109 000	142 800									44,0
46,0	60,1	101,8	102 900	142 800									46,0
48,0	57,8	100,5	97 300	142 800									48,0
50,0	55,5	99,2	92 100	142 800									50,0
52,0	53,0	97,7	87 300	140 300	58,0	99,2	80 900	130 000					52,0
54,0	50,5	96,0	82 900	134 100	55,7	97,9	76 800	128 700					54,0
56,0	47,9	94,2	78 800	128 000	53,2	96,4	72 900	123 800					56,0
58,0	45,2	92,2	75 000	120 900	50,7	94,7	69 300	118 600					58,0
60,0	42,3	90,0	71 500	114 200	48,1	92,9	66 000	113 700	53,2	94,6	60 600	109 700	60,0
62,0	39,2	87,6	68 100	107 800	45,4	91,0	62 800	109 200	50,7	93,0	57 700	105 300	62,0
64,0	36,0	84,9	65 000	101 800	42,5	88,8	59 900	104 900	48,1	91,2	54 900	101 200	64,0
66,0	32,4	81,8	62 000	96 200	39,5	86,4	57 100	101 000	45,4	89,2	52 300	97 300	66,0
68,0	28,4	78,2	59 200	91 000	36,2	83,7	54 500	97 200	42,5	87,1	49 800	93 700	68,0
72,0	18,0	68,2	54 000	80 000	28,7	77,1	49 600	90 400	36,2	82,0	45 300	87 100	72,0
76,0					18,4	67,3	45 200	82 000	28,7	75,3	41 200	81 100	76,0
80,0									18,5	65,6	37 400	75 700	80,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



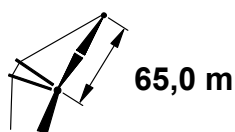
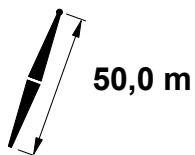
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,2	115,2	135 000	135 000									25,9
26,0	74,1	115,1	135 000	135 000									26,0
28,0	72,2	114,5	134 800	134 800									28,0
30,0	70,4	113,8	134 500	134 500	72,0	114,2	133 300	133 300					30,0
32,0	68,5	113,0	134 000	134 000	70,1	113,5	133 300	133 300					32,0
34,0	66,5	112,1	133 300	133 300	68,2	112,6	133 300	133 300					34,0
36,0	64,6	111,1	132 500	132 500	66,3	111,8	133 300	133 300	68,8	112,5	129 500	129 500	36,0
38,0	62,6	110,1	131 600	131 600	64,3	110,8	133 300	133 300	66,8	111,6	129 500	129 500	38,0
40,0	60,6	109,0	126 600	126 600	62,3	109,7	132 600	133 000	64,9	110,6	128 600	129 500	40,0
42,0	58,5	107,7	120 900	120 900	60,3	108,6	127 700	132 500	62,9	109,6	122 500	129 500	42,0
44,0	56,4	106,4	115 200	115 200	58,2	107,3	120 300	131 400	60,9	108,5	115 400	129 500	44,0
46,0	54,2	104,9	109 600	109 600	56,1	106,0	113 600	126 200	58,8	107,3	108 900	129 500	46,0
48,0	52,0	103,4	104 100	104 100	53,9	104,5	107 500	120 500	56,7	106,0	103 000	129 500	48,0
50,0	49,6	101,7	98 800	98 800	51,7	102,9	101 800	114 700	54,6	104,5	97 500	129 500	50,0
52,0	47,2	99,8	93 800	93 800	49,3	101,2	96 600	109 100	52,3	103,0	92 500	126 400	52,0
54,0	44,7	97,8	89 000	89 000	46,9	99,3	91 800	103 700	50,0	101,3	87 900	119 100	54,0
56,0	42,1	95,6	84 600	84 600	44,4	97,3	87 300	98 500	47,6	99,5	83 500	112 400	56,0
58,0	39,3	93,2	80 400	80 400	41,8	95,1	83 100	93 500	45,2	97,5	79 500	106 200	58,0
60,0	36,4	90,5	76 700	76 700	39,0	92,6	79 300	88 900	42,6	95,3	75 800	100 400	60,0
62,0	33,2	87,5	73 300	73 300	36,0	89,9	75 600	84 600	39,8	92,9	72 200	95 000	62,0
64,0	29,7	84,1	70 200	70 200	32,8	86,8	72 200	80 700	36,9	90,3	68 900	90 000	64,0
66,0	25,8	80,1	67 700	67 700	29,2	83,3	69 000	77 200	33,8	87,3	65 800	85 300	66,0
68,0	21,1	75,2	65 600	65 600	25,2	79,3	65 900	73 400	30,3	84,0	62 900	80 900	68,0
72,0					14,1	67,3	58 200	58 700	22,0	75,4	57 400	71 200	72,0
76,0									5,9	57,7	47 400	48 400	76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

ASME B30.5



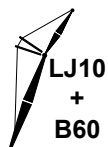
400 000 kg



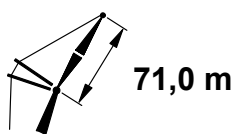
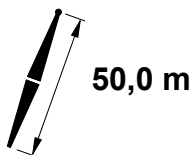
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,2	108,7	101 200	120 600									46,0
48,0	61,2	107,6	95 600	120 600									48,0
50,0	59,1	106,4	90 500	120 600									50,0
52,0	57,0	105,1	85 700	120 600									52,0
54,0	54,8	103,7	81 400	120 600	59,2	105,1	75 000	111 500					54,0
56,0	52,6	102,1	77 300	120 600	57,1	103,8	71 200	111 500					56,0
58,0	50,3	100,5	73 500	120 000	55,0	102,4	67 600	111 500					58,0
60,0	47,9	98,7	70 000	113 300	52,8	100,9	64 300	111 000					60,0
62,0	45,5	96,7	66 700	107 200	50,5	99,2	61 200	107 800					62,0
64,0	42,9	94,6	63 600	101 400	48,1	97,4	58 300	103 600	52,8	99,1	53 200	99 700	64,0
66,0	40,2	92,2	60 700	96 000	45,7	95,5	55 600	99 600	50,5	97,5	50 600	95 900	66,0
68,0	37,3	89,6	57 900	91 000	43,1	93,3	53 000	95 900	48,1	95,7	48 200	92 300	68,0
72,0	30,8	83,4	52 800	81 800	37,5	88,4	48 200	89 100	43,1	91,6	43 700	85 700	72,0
76,0	22,6	75,0	48 200	73 500	31,0	82,3	43 900	82 300	37,5	86,7	39 700	79 800	76,0
80,0					22,9	74,0	40 000	74 200	31,1	80,5	36 100	74 600	80,0
84,0									23,0	72,3	32 700	69 700	84,0
88,0									9,2	57,2	29 400	64 600	88,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



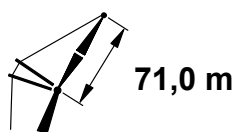
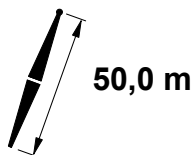
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,3	121,0	114 200	114 200									27,4
28,0	73,8	120,8	114 200	114 200									28,0
30,0	72,1	120,1	113 900	113 900									30,0
32,0	70,4	119,4	113 600	113 600	71,9	119,8	112 600	112 600					32,0
34,0	68,6	118,6	113 100	113 100	70,1	119,1	112 600	112 600					34,0
36,0	66,9	117,7	112 500	112 500	68,4	118,3	112 500	112 500					36,0
38,0	65,1	116,8	111 900	111 900	66,6	117,4	112 300	112 300					38,0
40,0	63,3	115,8	111 200	111 200	64,8	116,5	112 000	112 000	67,2	117,2	109 000	109 000	40,0
42,0	61,4	114,7	110 400	110 400	63,0	115,4	111 600	111 600	65,4	116,3	109 000	109 000	42,0
44,0	59,6	113,5	108 100	108 100	61,2	114,3	111 200	111 200	63,6	115,3	109 000	109 000	44,0
46,0	57,6	112,2	103 800	103 800	59,3	113,1	110 400	110 700	61,7	114,2	107 900	109 000	46,0
48,0	55,7	110,9	99 300	99 300	57,4	111,8	106 600	110 100	59,9	113,1	102 000	109 000	48,0
50,0	53,7	109,4	94 900	94 900	55,4	110,5	100 900	108 500	58,0	111,8	96 600	109 000	50,0
52,0	51,6	107,8	90 600	90 600	53,4	109,0	95 700	104 400	56,0	110,4	91 500	109 000	52,0
54,0	49,5	106,1	86 400	86 400	51,3	107,4	90 900	100 000	54,0	109,0	86 900	109 000	54,0
56,0	47,3	104,3	82 400	82 400	49,2	105,6	86 500	95 500	52,0	107,4	82 600	108 800	56,0
58,0	45,0	102,3	78 500	78 500	47,0	103,8	82 300	91 200	49,8	105,7	78 600	105 300	58,0
60,0	42,6	100,1	74 800	74 800	44,7	101,8	78 500	87 000	47,7	103,9	74 900	100 400	60,0
62,0	40,1	97,7	71 400	71 400	42,3	99,6	74 900	83 000	45,4	101,9	71 400	95 100	62,0
64,0	37,5	95,2	68 200	68 200	39,8	97,2	71 400	79 100	43,0	99,8	68 100	90 100	64,0
66,0	34,7	92,3	65 300	65 300	37,2	94,6	68 300	75 500	40,6	97,5	65 000	85 500	66,0
68,0	31,7	89,1	62 700	62 700	34,3	91,7	65 200	72 200	38,0	94,9	62 100	81 200	68,0
72,0	24,5	81,3	58 400	58 400	27,9	84,8	59 700	66 400	32,2	89,0	56 800	73 300	72,0
76,0	14,3	69,2	49 700	49 700	19,4	75,1	54 600	57 800	25,2	81,3	51 900	66 200	76,0
80,0									15,4	69,9	47 500	55 100	80,0
84,0													84,0
88,0													88,0
92,0													92,0

MLC650 VPC-MAX S-3

ASME B30.5



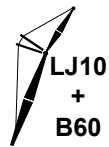
400 000 kg



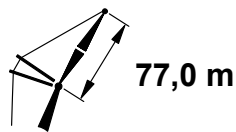
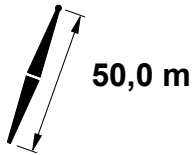
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	63,8	114,4	94 500	101 100									48,0
50,0	62,0	113,3	89 400	101 100									50,0
52,0	60,1	112,2	84 600	101 100									52,0
54,0	58,2	110,9	80 300	101 100									54,0
56,0	56,3	109,6	76 200	101 100									56,0
58,0	54,3	108,1	72 500	101 100	58,3	109,6	66 500	92 800					58,0
60,0	52,2	106,6	69 000	101 100	56,4	108,3	63 200	92 800					60,0
62,0	50,1	104,9	65 700	101 100	54,4	106,9	60 100	92 800					62,0
64,0	47,9	103,1	62 600	101 100	52,4	105,3	57 200	92 800					64,0
66,0	45,7	101,2	59 700	96 000	50,3	103,7	54 500	92 800	54,4	105,1	49 400	85 600	66,0
68,0	43,3	99,1	57 000	91 100	48,1	101,9	51 900	92 800	52,4	103,6	47 000	85 600	68,0
72,0	38,3	94,2	52 000	82 000	43,5	97,8	47 200	88 200	48,1	100,1	42 600	84 700	72,0
76,0	32,6	88,4	47 400	74 100	38,5	93,0	43 000	82 200	43,5	96,1	38 600	78 900	76,0
80,0	25,7	80,9	43 300	66 900	32,8	87,2	39 200	74 600	38,5	91,3	35 100	73 700	80,0
84,0	16,2	69,8	39 500	58 900	26,0	79,8	35 600	67 500	32,8	85,5	31 800	68 900	84,0
88,0					16,6	68,9	32 300	60 800	26,0	78,1	28 800	64 600	88,0
92,0									16,7	67,2	25 900	60 500	92,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



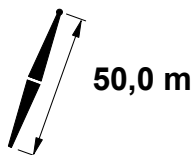
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,3	126,8	97 500	97 500									29,0
30,0	73,5	126,4	97 400	97 400									30,0
32,0	72,0	125,8	97 100	97 100									32,0
34,0	70,4	125,1	96 700	96 700	71,7	125,5	95 900	95 900					34,0
36,0	68,8	124,3	96 200	96 200	70,2	124,7	95 800	95 800					36,0
38,0	67,2	123,4	95 600	95 600	68,6	124,0	95 600	95 600					38,0
40,0	65,5	122,5	95 100	95 100	66,9	123,1	95 300	95 300	69,0	123,8	92 600	92 600	40,0
42,0	63,9	121,5	94 400	94 400	65,3	122,2	95 000	95 000	67,4	122,9	92 600	92 600	42,0
44,0	62,2	120,5	93 800	93 800	63,6	121,2	94 600	94 600	65,8	122,0	92 600	92 600	44,0
46,0	60,5	119,3	93 100	93 100	62,0	120,1	94 100	94 100	64,1	121,0	92 600	92 600	46,0
48,0	58,7	118,1	91 700	91 700	60,2	118,9	93 700	93 700	62,5	120,0	92 600	92 600	48,0
50,0	56,9	116,8	88 700	88 700	58,5	117,7	93 200	93 200	60,7	118,9	92 600	92 600	50,0
52,0	55,1	115,4	85 200	85 200	56,7	116,4	92 500	92 700	59,0	117,6	89 900	92 600	52,0
54,0	53,3	113,9	81 700	81 700	54,9	115,0	89 500	92 100	57,2	116,4	85 300	92 400	54,0
56,0	51,4	112,3	78 300	78 300	53,0	113,5	85 000	89 800	55,4	115,0	81 000	92 200	56,0
58,0	49,4	110,6	74 900	74 900	51,1	111,9	80 900	86 300	53,6	113,5	77 100	92 000	58,0
60,0	47,4	108,7	71 700	71 700	49,1	110,1	77 000	82 800	51,7	111,9	73 300	91 700	60,0
62,0	45,3	106,8	68 600	68 600	47,1	108,3	73 400	79 400	49,7	110,2	69 900	91 500	62,0
64,0	43,1	104,6	65 600	65 600	45,0	106,3	70 000	76 000	47,7	108,4	66 600	89 200	64,0
66,0	40,8	102,3	62 800	62 800	42,8	104,1	66 900	72 800	45,6	106,4	63 600	84 700	66,0
68,0	38,5	99,8	60 100	60 100	40,5	101,8	63 900	69 600	43,5	104,3	60 700	80 400	68,0
72,0	33,2	94,1	55 400	55 400	35,6	96,5	58 400	63 900	38,9	99,6	55 400	72 600	72,0
76,0	27,1	86,9	51 600	51 600	29,9	90,0	53 400	59 000	33,7	93,9	50 600	65 700	76,0
80,0	19,3	77,1	48 000	48 000	23,0	81,6	48 900	53 900	27,7	86,9	46 300	59 500	80,0
84,0					12,7	68,4	42 500	42 500	20,0	77,4	42 300	52 200	84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

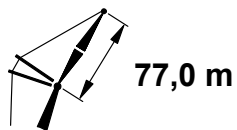
ASME B30.5



400 000 kg



50,0 m



77,0 m

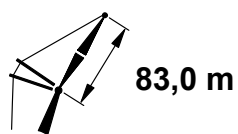
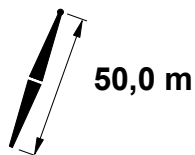
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	62,7	119,1	82 900	85 900									52,0
54,0	61,0	118,0	78 600	85 900									54,0
56,0	59,2	116,8	74 500	85 900									56,0
58,0	57,5	115,5	70 800	85 900									58,0
60,0	55,7	114,1	67 300	85 900	59,4	115,5	61 400	78 700					60,0
62,0	53,8	112,7	64 000	85 900	57,6	114,2	58 300	78 700					62,0
64,0	51,9	111,1	60 900	85 900	55,8	112,8	55 400	78 700					64,0
66,0	50,0	109,4	58 100	85 900	53,9	111,4	52 700	78 700					66,0
68,0	48,0	107,6	55 400	85 900	52,1	109,8	50 200	78 700					68,0
72,0	43,7	103,6	50 400	81 200	48,1	106,3	45 500	78 700	52,1	108,1	40 800	73 200	72,0
76,0	39,2	98,9	45 900	73 400	43,9	102,3	41 300	78 700	48,1	104,6	36 900	73 200	76,0
80,0	34,0	93,3	41 900	66 400	39,3	97,7	37 600	73 900	43,9	100,6	33 300	72 300	80,0
84,0	28,1	86,4	38 200	60 200	34,2	92,1	34 100	66 900	39,3	95,9	30 100	67 500	84,0
88,0	20,6	77,1	34 800	54 400	28,3	85,3	31 000	60 700	34,3	90,4	27 200	63 300	88,0
92,0					20,9	76,1	28 000	54 900	28,4	83,5	24 500	59 300	92,0
96,0					8,2	59,5	25 100	46 900	20,9	74,4	21 900	55 100	96,0
100,0									8,2	57,8	19 300	47 800	100,0

MLC650 VPC-MAX S-3

ASME B30.5



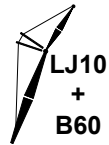
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,4	132,6	83 000	83 000									30,5
32,0	73,3	132,1	82 800	82 800									32,0
34,0	71,9	131,4	82 500	82 500									34,0
36,0	70,4	130,7	82 100	82 100	71,7	131,1	81 600	81 600					36,0
38,0	68,9	129,9	81 600	81 600	70,2	130,4	81 400	81 400					38,0
40,0	67,4	129,1	81 100	81 100	68,7	129,6	81 200	81 200					40,0
42,0	65,9	128,2	80 600	80 600	67,2	128,8	80 900	80 900	69,1	129,4	78 900	78 900	42,0
44,0	64,4	127,2	80 100	80 100	65,7	127,9	80 500	80 500	67,7	128,6	78 900	78 900	44,0
46,0	62,8	126,2	79 500	79 500	64,2	126,9	80 100	80 100	66,1	127,7	78 900	78 900	46,0
48,0	61,2	125,1	78 900	78 900	62,6	125,8	79 700	79 700	64,6	126,7	78 800	78 800	48,0
50,0	59,6	123,9	78 300	78 300	61,0	124,7	79 300	79 300	63,1	125,7	78 700	78 700	50,0
52,0	58,0	122,7	77 700	77 700	59,4	123,5	78 800	78 800	61,5	124,6	78 500	78 500	52,0
54,0	56,3	121,3	76 300	76 300	57,8	122,3	78 400	78 400	59,9	123,5	78 300	78 300	54,0
56,0	54,6	119,9	73 600	73 600	56,1	120,9	77 900	77 900	58,3	122,2	78 100	78 100	56,0
58,0	52,9	118,4	70 800	70 800	54,4	119,5	77 400	77 400	56,6	120,9	76 100	77 900	58,0
60,0	51,1	116,8	68 100	68 100	52,7	118,0	76 100	76 800	54,9	119,5	72 400	77 600	60,0
62,0	49,3	115,1	65 500	65 500	50,9	116,3	72 600	75 000	53,2	118,0	68 900	77 300	62,0
64,0	47,4	113,2	62 900	62 900	49,1	114,6	69 200	72 300	51,4	116,4	65 700	77 100	64,0
66,0	45,5	111,3	60 400	60 400	47,2	112,7	66 000	69 600	49,6	114,7	62 600	76 800	66,0
68,0	43,5	109,1	58 000	58 000	45,2	110,8	63 100	66 900	47,7	112,9	59 800	76 500	68,0
72,0	39,2	104,5	53 500	53 500	41,1	106,4	57 600	61 800	43,8	108,8	54 500	72 600	72,0
76,0	34,5	98,9	49 500	49 500	36,6	101,2	52 700	57 000	39,6	104,2	49 800	65 700	76,0
80,0	29,2	92,3	46 100	46 100	31,6	95,1	48 300	52 900	34,9	98,8	45 500	59 600	80,0
84,0	22,6	83,7	43 600	43 600	25,7	87,5	44 200	49 200	29,6	92,2	41 700	54 100	84,0
88,0	13,1	70,5	35 400	35 400	17,9	77,0	40 500	42 000	23,2	83,8	38 100	48 800	88,0
92,0									14,2	71,3	34 700	40 100	92,0
96,0													96,0
100,0													100,0
104,0													104,0

MLC650 VPC-MAX S-3

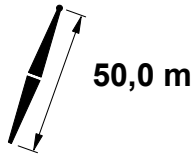
ASME B30.5



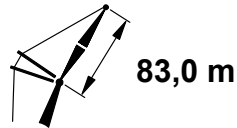
400 000 kg



360°



50,0 m

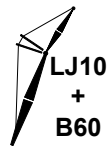


83,0 m

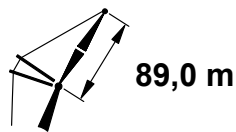
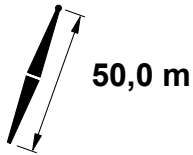
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	64,8	125,8	73 200	73 200									52,0
54,0	63,3	124,8	73 200	73 200									54,0
56,0	61,7	123,7	72 800	73 200									56,0
58,0	60,1	122,6	69 600	73 200									58,0
60,0	58,5	121,3	66 200	73 200									60,0
62,0	56,8	120,0	62 900	73 200									62,0
64,0	55,1	118,6	59 900	73 200	58,6	120,0	54 200	67 500					64,0
66,0	53,4	117,2	57 000	73 200	56,9	118,7	51 600	67 500					66,0
68,0	51,7	115,6	54 300	73 200	55,3	117,3	49 000	67 500					68,0
72,0	48,0	112,1	49 400	73 200	51,8	114,3	44 400	67 500					72,0
76,0	44,1	108,1	45 000	73 000	48,1	110,8	40 300	67 500	51,8	112,5	35 700	62 700	76,0
80,0	39,9	103,5	41 000	66 400	44,2	106,8	36 500	67 500	48,1	109,1	32 200	62 700	80,0
84,0	35,3	98,1	37 400	60 300	40,0	102,3	33 200	66 900	44,2	105,1	29 000	62 700	84,0
88,0	30,0	91,6	34 100	54 700	35,4	96,9	30 100	60 700	40,1	100,5	26 200	62 200	88,0
92,0	23,7	83,4	31 000	49 600	30,2	90,5	27 200	55 100	35,5	95,2	23 500	58 500	92,0
96,0	14,9	71,4	28 100	43 400	23,9	82,4	24 500	50 000	30,2	88,8	21 000	54 900	96,0
100,0					15,3	70,5	22 000	45 200	24,0	80,6	18 700	50 300	100,0
104,0									15,3	68,8	16 500	45 400	104,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



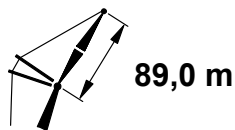
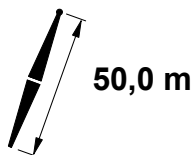
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,5	138,4	70 700	70 700									32,0
34,0	73,1	137,8	70 400	70 400									34,0
36,0	71,8	137,1	70 000	70 000									36,0
38,0	70,4	136,4	69 500	69 500	71,6	136,8	69 200	69 200					38,0
40,0	69,0	135,6	69 000	69 000	70,2	136,1	68 900	68 900					40,0
42,0	67,6	134,8	68 500	68 500	68,8	135,3	68 600	68 600					42,0
44,0	66,2	133,9	68 000	68 000	67,4	134,5	68 200	68 200					44,0
46,0	64,8	132,9	67 500	67 500	66,0	133,6	67 800	67 800	67,9	134,3	66 500	66 500	46,0
48,0	63,3	131,9	66 900	66 900	64,6	132,6	67 400	67 400	66,4	133,4	66 400	66 400	48,0
50,0	61,9	130,9	66 300	66 300	63,2	131,6	66 900	66 900	65,0	132,4	66 200	66 200	50,0
52,0	60,4	129,7	65 800	65 800	61,7	130,5	66 500	66 500	63,6	131,4	66 000	66 000	52,0
54,0	58,9	128,5	65 200	65 200	60,2	129,3	66 000	66 000	62,1	130,4	65 700	65 700	54,0
56,0	57,4	127,2	64 600	64 600	58,7	128,1	65 600	65 600	60,6	129,3	65 400	65 400	56,0
58,0	55,8	125,9	64 100	64 100	57,2	126,8	65 100	65 100	59,1	128,1	65 200	65 200	58,0
60,0	54,2	124,4	63 200	63 200	55,6	125,5	64 600	64 600	57,6	126,8	64 900	64 900	60,0
62,0	52,6	122,9	61 300	61 300	54,0	124,0	64 100	64 100	56,1	125,4	64 500	64 500	62,0
64,0	50,9	121,3	59 100	59 100	52,4	122,5	63 700	63 700	54,5	124,0	63 900	64 200	64,0
66,0	49,2	119,5	57 000	57 000	50,7	120,8	63 200	63 200	52,9	122,5	60 900	63 900	66,0
68,0	47,5	117,7	55 000	55 000	49,0	119,1	61 400	62 500	51,2	120,9	58 100	63 600	68,0
72,0	43,8	113,7	51 000	51 000	45,5	115,3	56 000	58 600	47,8	117,3	52 800	62 900	72,0
76,0	39,9	109,1	47 300	47 300	41,7	110,9	51 100	54 500	44,1	113,4	48 200	62 400	76,0
80,0	35,6	103,7	44 000	44 000	37,5	105,9	46 800	50 600	40,2	108,8	43 900	58 600	80,0
84,0	30,8	97,4	41 100	41 100	33,0	100,1	42 800	47 200	36,0	103,6	40 100	53 100	84,0
88,0	25,2	89,6	38 700	38 700	27,7	93,0	39 100	44 100	31,2	97,3	36 600	48 200	88,0
92,0	17,8	79,0	34 600	34 600	21,3	83,9	35 700	38 800	25,7	89,7	33 400	43 700	92,0
96,0					11,8	69,7	29 900	29 900	18,6	79,4	30 300	37 700	96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

ASME B30.5



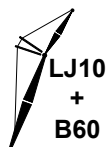
400 000 kg



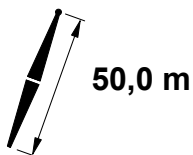
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	63,8	130,5	61 500	61 500									56,0
58,0	62,3	129,5	61 500	61 500									58,0
60,0	60,8	128,4	61 500	61 500									60,0
62,0	59,3	127,2	60 700	61 500									62,0
64,0	57,8	125,9	58 100	61 500									64,0
66,0	56,3	124,6	55 200	61 500	59,4	125,9	49 600	56 400					66,0
68,0	54,7	123,2	52 500	61 500	57,9	124,6	47 100	56 400					68,0
72,0	51,4	120,0	47 600	61 500	54,8	121,9	42 500	56 400					72,0
76,0	48,0	116,6	43 200	61 500	51,5	118,8	38 400	56 400					76,0
80,0	44,4	112,6	39 300	61 500	48,1	115,3	34 700	56 400	51,6	117,0	30 300	51 900	80,0
84,0	40,5	108,1	35 700	59 200	44,5	111,4	31 400	56 400	48,1	113,5	27 200	51 900	84,0
88,0	36,3	102,9	32 400	53 700	40,7	106,9	28 300	56 400	44,5	109,6	24 300	51 900	88,0
92,0	31,6	96,7	29 400	48 800	36,4	101,7	25 500	54 100	40,7	105,1	21 700	51 900	92,0
96,0	26,1	89,2	26 600	44 200	31,7	95,6	22 900	49 100	36,4	100,0	19 300	51 900	96,0
100,0	19,1	79,1	24 000	39 900	26,3	88,1	20 500	44 600	31,7	93,8	17 000	49 300	100,0
104,0					19,4	78,2	18 200	40 300	26,3	86,4	14 900	44 800	104,0
108,0					7,6	60,3	15 900	33 700	19,4	76,5	12 900	40 500	108,0

MLC650 VPC-MAX S-3

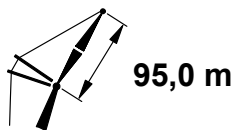
ASME B30.5



400 000 kg



50,0 m

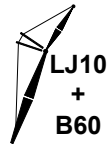


95,0 m

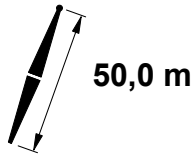
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,5	144,2	60 900	60 900									33,5
34,0	74,2	144,1	60 800	60 800									34,0
36,0	73,0	143,4	60 300	60 300									36,0
38,0	71,7	142,8	59 900	59 900									38,0
40,0	70,4	142,0	59 500	59 500	71,5	142,5	59 200	59 200					40,0
42,0	69,1	141,3	59 000	59 000	70,2	141,7	58 900	58 900					42,0
44,0	67,8	140,5	58 500	58 500	68,9	141,0	58 600	58 600					44,0
46,0	66,5	139,6	58 000	58 000	67,6	140,1	58 200	58 200	69,3	140,8	56 900	56 900	46,0
48,0	65,2	138,6	57 600	57 600	66,3	139,2	57 800	57 800	68,0	139,9	56 800	56 800	48,0
50,0	63,8	137,7	57 000	57 000	65,0	138,3	57 400	57 400	66,7	139,1	56 600	56 600	50,0
52,0	62,5	136,6	56 500	56 500	63,6	137,3	57 000	57 000	65,4	138,1	56 400	56 400	52,0
54,0	61,1	135,5	56 000	56 000	62,3	136,2	56 600	56 600	64,0	137,2	56 100	56 100	54,0
56,0	59,7	134,3	55 500	55 500	60,9	135,1	56 100	56 100	62,7	136,1	55 800	55 800	56,0
58,0	58,3	133,1	55 000	55 000	59,5	133,9	55 700	55 700	61,3	135,0	55 600	55 600	58,0
60,0	56,8	131,8	54 500	54 500	58,1	132,7	55 300	55 300	59,9	133,9	55 300	55 300	60,0
62,0	55,3	130,4	54 000	54 000	56,6	131,4	54 800	54 800	58,5	132,6	55 000	55 000	62,0
64,0	53,9	128,9	53 500	53 500	55,2	130,0	54 400	54 400	57,1	131,3	54 700	54 700	64,0
66,0	52,3	127,4	52 800	52 800	53,7	128,5	54 000	54 000	55,6	130,0	54 400	54 400	66,0
68,0	50,8	125,7	51 400	51 400	52,1	126,9	53 600	53 600	54,1	128,5	54 000	54 000	68,0
72,0	47,5	122,2	48 000	48 000	49,0	123,6	52 800	52 800	51,0	125,4	51 900	53 400	72,0
76,0	44,1	118,2	44 700	44 700	45,6	119,8	50 300	51 200	47,8	121,8	47 200	52 800	76,0
80,0	40,5	113,7	41 700	41 700	42,1	115,5	45 900	47 900	44,4	117,9	43 000	52 300	80,0
84,0	36,5	108,5	38 900	38 900	38,3	110,6	42 000	44 700	40,8	113,4	39 200	51 700	84,0
88,0	32,2	102,4	36 400	36 400	34,1	105,0	38 400	41 800	36,9	108,3	35 800	47 900	88,0
92,0	27,2	95,2	34 300	34 300	29,4	98,3	35 000	39 200	32,6	102,3	32 600	43 500	92,0
96,0	21,1	85,9	32 500	32 500	23,9	90,1	32 000	36 100	27,6	95,2	29 600	39 400	96,0
100,0	12,2	71,8	24 100	24 100	16,7	78,8	29 000	29 600	21,6	86,1	26 900	35 100	100,0
104,0									13,2	72,7	24 200	28 100	104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

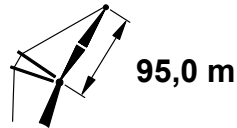
ASME B30.5



400 000 kg



50,0 m

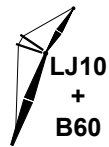


95,0 m

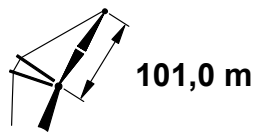
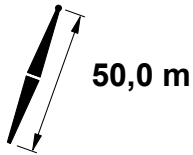
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	64,2	136,3	52 400	52 400									58,0
60,0	62,9	135,2	52 400	52 400									60,0
62,0	61,5	134,1	52 400	52 400									62,0
64,0	60,1	133,0	52 400	52 400									64,0
66,0	58,7	131,8	52 400	52 400									66,0
68,0	57,2	130,5	51 300	52 400									68,0
72,0	54,3	127,7	46 600	52 200	57,3	129,2	41 400	47 800					72,0
76,0	51,2	124,5	42 200	52 000	54,4	126,4	37 300	47 800					76,0
80,0	48,0	121,0	38 300	51 800	51,3	123,3	33 600	47 800	54,4	124,6	29 100	43 700	80,0
84,0	44,6	117,1	34 700	51 600	48,1	119,8	30 300	47 800	51,3	121,5	26 000	43 700	84,0
88,0	41,0	112,7	31 500	51 500	44,8	115,9	27 300	47 800	48,1	118,0	23 200	43 700	88,0
92,0	37,1	107,6	28 500	48 400	41,2	111,4	24 500	47 800	44,8	114,1	20 600	43 700	92,0
96,0	32,8	101,7	25 700	44 000	37,3	106,4	21 900	47 800	41,2	109,7	18 200	43 700	96,0
100,0	28,0	94,7	23 200	39 900	33,0	100,5	19 600	44 300	37,3	104,7	16 000	43 700	100,0
104,0	22,1	85,8	20 800	36 100	28,2	93,5	17 400	40 200	33,0	98,8	14 000	43 600	104,0
108,0	13,9	72,8	18 500	31 000	22,3	84,7	15 300	36 400	28,2	91,8	12 100	40 400	108,0
112,0					14,3	72,0	13 300	32 600	22,3	83,0	10 200	36 600	112,0
116,0									14,3	70,3		32 900	116,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,6	150,0	52 000	52 000									35,1
36,0	74,0	149,7	51 800	51 800									36,0
38,0	72,8	149,1	51 400	51 400									38,0
40,0	71,6	148,4	51 100	51 100	72,7	148,8	50 800	50 800					40,0
42,0	70,4	147,7	50 600	50 600	71,5	148,1	50 500	50 500					42,0
44,0	69,2	146,9	50 200	50 200	70,3	147,4	50 100	50 100					44,0
46,0	68,0	146,1	49 700	49 700	69,0	146,6	49 800	49 800					46,0
48,0	66,7	145,3	49 300	49 300	67,8	145,8	49 400	49 400	69,4	146,4	48 400	48 400	48,0
50,0	65,5	144,3	48 800	48 800	66,6	144,9	49 000	49 000	68,2	145,6	48 100	48 100	50,0
52,0	64,2	143,4	48 300	48 300	65,3	144,0	48 600	48 600	66,9	144,8	47 900	47 900	52,0
54,0	63,0	142,3	47 800	47 800	64,1	143,0	48 200	48 200	65,7	143,8	47 600	47 600	54,0
56,0	61,7	141,3	47 400	47 400	62,8	142,0	47 800	47 800	64,4	142,9	47 400	47 400	56,0
58,0	60,4	140,1	46 900	46 900	61,5	140,9	47 400	47 400	63,2	141,9	47 100	47 100	58,0
60,0	59,0	138,9	46 400	46 400	60,2	139,7	47 000	47 000	61,9	140,8	46 800	46 800	60,0
62,0	57,7	137,6	46 000	46 000	58,9	138,5	46 600	46 600	60,6	139,7	46 500	46 500	62,0
64,0	56,3	136,3	45 500	45 500	57,5	137,3	46 200	46 200	59,3	138,5	46 300	46 300	64,0
66,0	54,9	134,9	45 100	45 100	56,1	135,9	45 800	45 800	57,9	137,2	45 900	45 900	66,0
68,0	53,5	133,4	44 600	44 600	54,8	134,5	45 400	45 400	56,5	135,9	45 600	45 600	68,0
72,0	50,6	130,2	43 800	43 800	51,9	131,4	44 600	44 600	53,8	133,0	45 000	45 000	72,0
76,0	47,6	126,7	41 500	41 500	48,9	128,0	43 900	43 900	50,9	129,8	44 500	44 500	76,0
80,0	44,4	122,7	38 900	38 900	45,8	124,2	43 200	43 200	47,8	126,3	41 400	43 900	80,0
84,0	41,0	118,2	36 400	36 400	42,5	120,0	40 400	41 700	44,7	122,4	37 600	43 400	84,0
88,0	37,3	113,2	34 100	34 100	39,0	115,2	36 900	39 000	41,3	118,0	34 200	42 900	88,0
92,0	33,3	107,4	32 000	32 000	35,1	109,8	33 600	36 400	37,6	113,0	31 000	40 200	92,0
96,0	28,8	100,5	30 100	30 100	30,9	103,4	30 500	32 800	33,7	107,2	28 100	36 300	96,0
100,0	23,6	92,1	26 800	26 800	26,0	95,8	27 700	29 100	29,2	100,5	25 400	32 500	100,0
104,0	16,7	80,8	23 200	23 200	20,0	86,0	25 100	25 500	24,0	92,2	22 900	28 800	104,0
108,0					11,1	70,8	19 600	19 600	17,4	81,2	20 500	25 200	108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



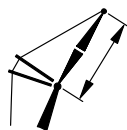
400 000 kg



360°



50,0 m

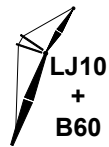


101,0 m

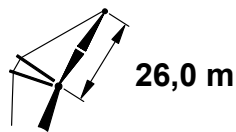
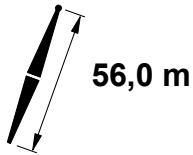
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0	64,6	142,0	44 100	44 100									60,0
62,0	63,3	141,0	44 100	44 100									62,0
64,0	62,0	139,9	44 100	44 100									64,0
66,0	60,7	138,8	44 000	44 000									66,0
68,0	59,4	137,6	44 000	44 000									68,0
72,0	56,7	135,0	43 700	43 800	59,5	136,3	39 600	40 100					72,0
76,0	53,9	132,2	40 500	43 500	56,8	133,7	35 500	40 100					76,0
80,0	51,0	129,0	36 600	43 300	54,0	130,9	31 800	40 100					80,0
84,0	48,0	125,5	33 000	43 000	51,2	127,7	28 500	40 100	54,1	129,1	24 200	36 600	84,0
88,0	44,9	121,6	29 800	42 800	48,1	124,2	25 500	40 100	51,2	126,0	21 400	36 600	88,0
92,0	41,5	117,2	26 900	42 600	45,0	120,4	22 800	40 100	48,2	122,5	18 800	36 600	92,0
96,0	37,9	112,3	24 100	41 900	41,6	116,0	20 200	40 100	45,0	118,6	16 400	36 600	96,0
100,0	33,9	106,6	21 600	38 100	38,0	111,1	17 900	40 100	41,6	114,3	14 300	36 600	100,0
104,0	29,5	99,9	19 300	34 200	34,1	105,4	15 700	39 000	38,0	109,3	12 200	36 600	104,0
108,0	24,4	91,8	17 100	30 400	29,7	98,8	13 700	35 300	34,1	103,7	10 400	36 600	108,0
112,0	17,9	81,0	15 000	26 700	24,6	90,7	11 800	31 500	29,7	97,1		35 600	112,0
116,0					18,2	80,1	9 900	27 700	24,6	89,0		32 100	116,0
120,0					7,1	61,0		23 000	18,2	78,4		28 500	120,0

MLC650 VPC-MAX S-3

ASME B30.5



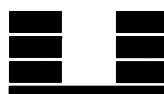
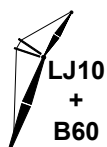
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	71,9	83,3	329 400 c	349 900 c									16,8
18,0	68,9	82,8	319 800 c	346 000 c									18,0
20,0	64,0	81,8	301 600 c	330 600 c	68,8	82,5	294 100 c	349 000 c					20,0
22,0	58,8	80,5	270 300 b	314 300 b	63,9	81,5	263 600 b	336 600 b					22,0
24,0	53,3	79,0	244 200	299 000	58,7	80,3	238 200 b	320 400 b	66,1	81,5	229 200 b	349 000 b	24,0
26,0	47,3	77,2	222 300	285 000	53,2	78,7	216 900	305 100	61,1	80,4	208 600 b	333 600 b	26,0
28,0	40,6	74,9	203 900	265 200	47,2	76,9	198 900	290 400	55,7	79,0	191 400 b	310 900 b	28,0
30,0	32,7	71,9	187 800	226 000	40,4	74,6	183 300	267 700	50,0	77,3	176 400	286 900	30,0
32,0	22,0	67,5	173 500	176 800	32,5	71,6	169 500	231 200	43,6	75,2	163 200	265 900	32,0
34,0					21,7	67,1	157 300	180 300	36,3	72,5	151 700	247 100	34,0
36,0									27,1	68,9	141 400	212 600	36,0
38,0									11,3	62,0	131 600	154 400	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

MLC650 VPC-MAX S-3

ASME B30.5



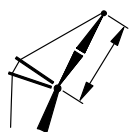
400 000 kg



360°



56,0 m

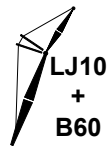


26,0 m

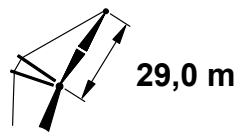
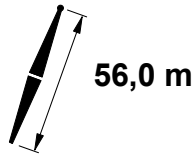
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	57,8	78,4	152 600 b	257 400 b									32,0
34,0	52,2	76,8	141 900	240 000									34,0
36,0	46,1	74,9	132 400	224 500									36,0
38,0	39,2	72,5	123 700	210 700	54,1	75,8	115 200	204 000					38,0
40,0	30,9	69,3	116 000	198 400	48,2	74,0	108 000	192 100					40,0
42,0	19,2	64,4	108 700	180 300	41,6	71,8	101 500	181 500					42,0
44,0					33,8	68,9	95 500	171 700	49,7	72,5	88 500	166 300	44,0
46,0					23,7	64,8	89 900	162 900	43,3	70,4	83 500	157 800	46,0
48,0									35,9	67,7	78 800	150 000	48,0
50,0									26,6	64,0	74 400	142 800	50,0

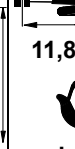
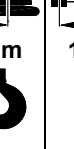
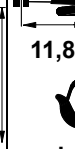
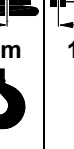
MLC650 VPC-MAX S-3

ASME B30.5



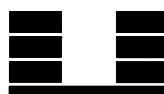
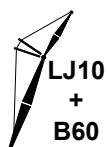
400 000 kg



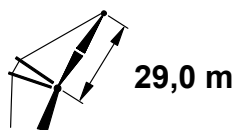
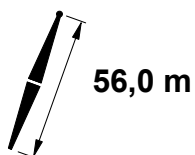
	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	73,8	86,5	321 200 c	343 900 c									16,8
18,0	71,2	86,0	312 000 c	334 700 c									18,0
20,0	66,9	85,1	296 600 b	319 600 b	71,1	85,7	292 900 b	340 000 b					20,0
22,0	62,4	84,0	269 300 b	304 500 b	66,8	84,8	262 500 b	325 500 b					22,0
24,0	57,8	82,8	243 300	290 100	62,3	83,8	237 100 b	310 900 b					24,0
26,0	52,8	81,2	221 400	276 400	57,6	82,5	215 800	296 600	64,4	83,8	207 400 b	325 600 b	26,0
28,0	47,4	79,4	203 100	257 400	52,6	81,0	198 000	283 100	59,8	82,6	190 200 b	308 200 b	28,0
30,0	41,5	77,2	187 200	237 600	47,3	79,1	182 400	268 100	54,9	81,2	175 300	285 600	30,0
32,0	34,7	74,4	173 100	220 900	41,3	76,9	168 800	244 500	49,7	79,5	162 200	264 600	32,0
34,0	26,2	70,6	160 800	182 900	34,5	74,0	156 900	221 300	44,1	77,4	150 800	246 700	34,0
36,0					25,9	70,2	146 200	187 800	37,7	74,9	140 600	230 500	36,0
38,0					11,6	63,3	136 200	139 600	30,1	71,6	131 400	211 900	38,0
40,0									19,6	66,7	123 000	169 300	40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0

MLC650 VPC-MAX S-3

ASME B30.5



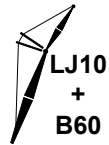
400 000 kg



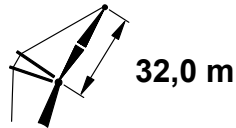
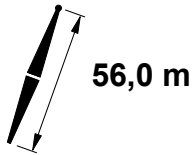
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	61,6	82,0	151 200	256 000									32,0
34,0	56,8	80,6	140 600	238 700									34,0
36,0	51,8	79,0	131 100	223 300									36,0
38,0	46,3	77,1	122 600	209 500									38,0
40,0	40,2	74,8	115 000	197 400	53,4	78,0	106 700	190 900					40,0
42,0	33,2	71,8	108 000	186 400	48,1	76,2	100 300	180 300					42,0
44,0	24,2	67,7	101 600	176 400	42,3	74,1	94 400	170 600					44,0
46,0					35,6	71,3	89 000	161 900	49,5	74,8	82 100	156 600	46,0
48,0					27,4	67,7	84 000	153 900	43,8	72,7	77 500	148 900	48,0
50,0					15,0	61,7	79 100	146 500	37,4	70,1	73 300	141 800	50,0
52,0									29,7	66,8	69 300	135 300	52,0
54,0									18,9	61,7	65 400	129 100	54,0

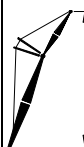
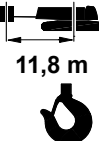
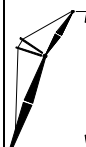
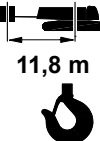
MLC650 VPC-MAX S-3

ASME B30.5



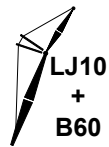
400 000 kg



 85°					 83°				 80°					
 m	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 11,8 m kg	 18,3 m kg	 m	
18,3	72,5	89,1	300 700 b	319 400 b										18,3
20,0	69,2	88,4	289 100 b	308 500 b										20,0
22,0	65,3	87,5	268 800 b	294 900 b	69,1	88,2	261 800 b	314 200 b						22,0
24,0	61,2	86,4	242 800	281 700	65,2	87,2	236 500 b	301 200 b						24,0
26,0	56,9	85,1	221 000	268 700	61,1	86,1	215 300	288 200	67,0	87,2	206 700 b	314 800 b		26,0
28,0	52,4	83,5	202 800	249 900	56,8	84,8	197 500	275 600	62,9	86,1	189 600	302 500		28,0
30,0	47,5	81,7	186 900	230 500	52,2	83,2	182 000	263 800	58,7	84,9	174 700	284 700		30,0
32,0	42,2	79,5	172 900	213 100	47,4	81,4	168 400	247 300	54,3	83,5	161 700	263 800		32,0
34,0	36,2	76,8	160 800	198 700	42,1	79,2	156 700	225 300	49,6	81,8	150 400	246 000		34,0
36,0	29,1	73,4	150 000	180 500	36,1	76,5	146 100	206 400	44,5	79,7	140 300	230 100		36,0
38,0	19,6	68,4	140 000	147 400	28,9	73,0	136 600	186 300	38,9	77,3	131 200	214 500		38,0
40,0					19,2	68,0	127 900	150 600	32,3	74,2	123 000	197 000		40,0
42,0									24,1	70,1	115 500	174 500		42,0
44,0									9,9	62,4	108 300	129 500		44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0														54,0
56,0														56,0

MLC650 VPC-MAX S-3

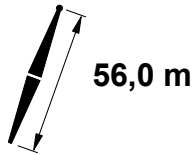
ASME B30.5



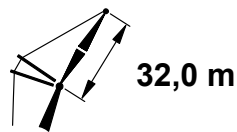
400 000 kg



360°



56,0 m

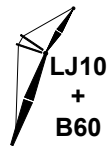


32,0 m

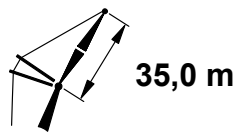
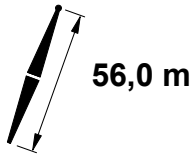
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	64,5	85,4	150 400	255 100									32,0
34,0	60,4	84,3	139 900	237 800									34,0
36,0	56,0	82,9	130 500	222 500									36,0
38,0	51,5	81,3	122 000	208 800									38,0
40,0	46,5	79,4	114 500	196 700	57,5	81,8	105 900	190 100					40,0
42,0	41,1	77,1	107 600	185 800	53,0	80,3	99 600	179 600					42,0
44,0	35,0	74,4	101 300	175 900	48,2	78,5	93 800	170 000					44,0
46,0	27,6	70,7	95 500	166 900	42,9	76,4	88 500	161 300	54,1	78,7	81 400	155 900	46,0
48,0	17,0	65,2	90 000	152 500	37,1	73,8	83 600	153 400	49,4	77,0	76 800	148 200	48,0
50,0					30,2	70,5	79 000	146 100	44,3	75,0	72 700	141 200	50,0
52,0					21,1	65,8	74 600	139 300	38,6	72,5	68 800	134 700	52,0
54,0									32,0	69,4	65 100	128 700	54,0
56,0									23,7	65,2	61 700	123 100	56,0

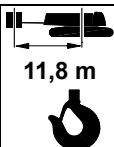
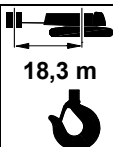
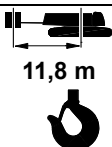
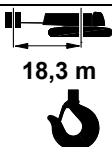
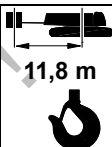
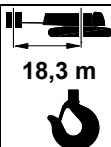
MLC650 VPC-MAX S-3

ASME B30.5



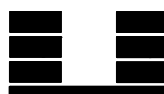
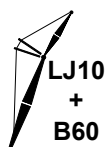
400 000 kg



 85°					 83°					 80°						
 m	 °	 m	 11,8 m  kg	 18,3 m  kg		 °	 m	 11,8 m  kg	 18,3 m  kg		 °	 m	 11,8 m  kg	 18,3 m  kg	 m	
18,3	74,1	92,3	292 300 b	292 300 b												18,3
20,0	71,1	91,6	283 900 b	291 700 b												20,0
22,0	67,6	90,8	267 100 b	285 000 b	71,0	91,4	260 600 b	293 200 b								22,0
24,0	63,9	89,8	241 800	273 000	67,5	90,5	235 300	290 000								24,0
26,0	60,1	88,6	220 000	260 900	63,8	89,5	214 100	279 500	69,1	90,5	205 400	291 100				26,0
28,0	56,2	87,3	201 800	242 100	60,0	88,4	196 400	267 900	65,5	89,5	188 300	289 800				28,0
30,0	52,0	85,7	185 900	224 000	56,0	87,0	180 900	256 800	61,7	88,4	173 500	281 000				30,0
32,0	47,6	83,9	172 000	207 300	51,9	85,4	167 400	243 400	57,9	87,2	160 500	262 500				32,0
34,0	42,8	81,7	160 000	192 400	47,4	83,6	155 700	225 500	53,8	85,7	149 200	244 700				34,0
36,0	37,4	79,2	149 300	179 500	42,6	81,4	145 200	207 500	49,5	84,0	139 200	228 900				36,0
38,0	31,3	76,0	139 500	168 900	37,3	78,9	135 800	191 000	44,8	82,0	130 200	214 900				38,0
40,0	23,6	71,7	130 800	151 000	31,1	75,6	127 400	175 400	39,8	79,6	122 100	198 400				40,0
42,0					23,3	71,4	119 600	153 700	34,0	76,7	114 800	183 200				42,0
44,0					10,4	63,7	112 200	117 700	27,1	73,0	108 000	167 700				44,0
46,0									17,6	67,5	101 700	141 800				46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0
58,0																58,0
60,0																60,0

MLC650 VPC-MAX S-3

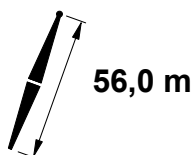
ASME B30.5



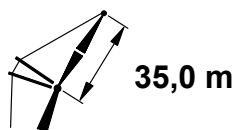
400 000 kg



360°



56,0 m

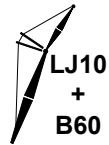


35,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	63,2	87,7	138 500	236 500									34,0
36,0	59,4	86,5	129 100	221 200									36,0
38,0	55,4	85,1	120 700	207 600									38,0
40,0	51,2	83,5	113 200	195 500									40,0
42,0	46,7	81,6	106 500	184 700	56,7	84,1	98 200	178 300					42,0
44,0	41,8	79,4	100 200	174 800	52,5	82,5	92 400	168 800					44,0
46,0	36,3	76,7	94 600	165 900	48,2	80,7	87 200	160 100					46,0
48,0	29,9	73,4	89 300	157 700	43,4	78,6	82 300	152 300	49,3	79,2	71 300	140 000	48,0
50,0	21,8	68,8	84 400	150 200	38,2	76,1	77 900	145 000	44,6	77,2	67 500	133 500	50,0
52,0					32,1	73,0	73 700	138 400	39,5	74,8	63 900	127 600	52,0
54,0					24,7	69,0	69 800	132 200	33,7	71,9	60 600	122 100	54,0
56,0					13,4	62,4	65 900	126 400					56,0
58,0									26,7	68,1	57 400	117 000	58,0
60,0									17,0	62,5	54 200	112 100	60,0

MLC650 VPC-MAX S-3

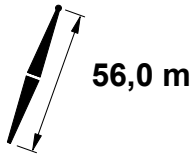
ASME B30.5



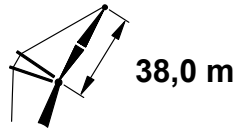
400 000 kg



360°



56,0 m



38,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,0	94,9	268 800 b	268 800 b									19,8
20,0	72,7	94,9	268 700 b	268 700 b									20,0
22,0	69,4	94,1	265 100 b	267 600 b									22,0
24,0	66,1	93,2	251 800	263 900	69,4	93,8	246 400	269 900					24,0
26,0	62,7	92,1	230 800	251 400	66,1	92,9	224 900	268 400					26,0
28,0	59,2	90,9	211 800	234 700	62,6	91,9	206 300	261 000	67,5	92,9	198 200	267 400	28,0
30,0	55,6	89,6	195 300	218 300	59,1	90,7	190 200	250 700	64,2	91,9	182 700	267 400	30,0
32,0	51,7	88,0	180 800	202 600	55,5	89,3	176 100	237 300	60,7	90,7	169 100	262 200	32,0
34,0	47,6	86,2	168 300	188 300	51,6	87,7	163 900	221 100	57,1	89,4	157 400	244 500	34,0
36,0	43,3	84,0	157 200	175 200	47,5	85,9	153 100	205 700	53,4	87,9	146 900	228 700	36,0
38,0	38,4	81,6	147 100	163 700	43,1	83,7	143 300	191 400	49,4	86,2	137 500	214 700	38,0
40,0	33,0	78,6	138 200	154 200	38,3	81,2	134 600	178 400	45,2	84,2	129 100	200 000	40,0
42,0	26,5	74,7	130 000	144 800	32,9	78,2	126 600	165 700	40,5	81,9	121 500	184 900	42,0
44,0	17,8	69,3	122 400	125 700	26,3	74,4	119 400	149 300	35,4	79,2	114 600	171 500	44,0
46,0					17,5	68,9	111 700	127 200	29,4	75,8	108 200	159 000	46,0
48,0									21,9	71,2	102 300	142 000	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

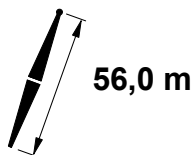
ASME B30.5



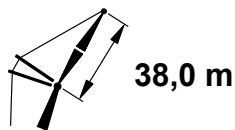
400 000 kg



360°



56,0 m

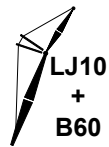


38,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	62,1	90,1	136 700	220 900									36,0
38,0	58,5	88,8	127 900	207 300									38,0
40,0	54,8	87,4	120 100	195 300									40,0
42,0	50,9	85,8	113 000	184 500									42,0
44,0	46,8	83,9	106 500	174 700	56,0	86,3	98 600	168 600					44,0
46,0	42,4	81,7	100 600	165 800	52,2	84,8	93 100	160 000					46,0
48,0	37,4	79,1	95 200	157 700	48,2	83,0	88 100	152 200					48,0
50,0	31,9	76,0	90 200	150 300	43,8	80,9	83 400	145 000					50,0
52,0	25,1	72,0	85 500	143 400	39,1	78,5	79 100	138 400	49,2	81,5	72 700	133 500	52,0
54,0	15,4	65,9	81 000	131 000	33,8	75,6	75 100	132 300	44,9	79,5	69 000	127 600	54,0
56,0					27,5	71,9	71 300	126 600	40,3	77,2	65 500	122 100	56,0
58,0					19,1	66,7	67 700	121 300	35,1	74,4	62 300	117 000	58,0
60,0									29,1	70,9	59 200	112 300	60,0
62,0									21,5	66,3	56 200	107 800	62,0
64,0									7,6	57,3	53 200	103 500	64,0

MLC650 VPC-MAX S-3

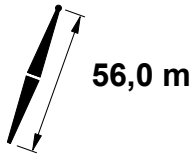
ASME B30.5



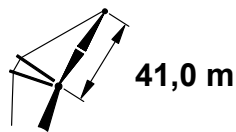
400 000 kg



360°



56,0 m



41,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,3	98,1	246 400 b	246 400 b									19,8
20,0	74,0	98,0	246 400 b	246 400 b									20,0
22,0	71,0	97,3	246 200	246 200									22,0
24,0	68,0	96,5	244 800	244 800	70,9	97,0	242 400	246 300					24,0
26,0	64,9	95,5	229 700	240 700	67,9	96,2	223 700	246 300					26,0
28,0	61,7	94,4	210 800	226 400	64,8	95,3	205 200	245 300					28,0
30,0	58,4	93,2	194 300	211 900	61,6	94,2	189 100	241 100	66,2	95,2	181 400	245 100	30,0
32,0	55,0	91,8	179 900	197 600	58,3	92,9	175 000	230 100	63,1	94,2	167 900	245 100	32,0
34,0	51,4	90,2	167 400	184 100	54,9	91,5	162 900	215 600	59,8	93,0	156 200	240 800	34,0
36,0	47,7	88,4	156 300	171 500	51,3	89,9	152 000	201 400	56,5	91,7	145 700	227 600	36,0
38,0	43,6	86,3	146 300	160 000	47,6	88,1	142 300	187 900	53,0	90,2	136 400	213 600	38,0
40,0	39,2	83,9	137 300	149 900	43,5	86,0	133 600	175 400	49,3	88,4	128 000	200 400	40,0
42,0	34,3	81,0	129 300	141 200	39,1	83,6	125 800	164 100	45,4	86,5	120 500	185 300	42,0
44,0	28,7	77,5	121 800	134 100	34,2	80,7	118 600	154 200	41,1	84,2	113 600	171 900	44,0
46,0	21,6	72,8	115 000	124 200	28,5	77,1	112 000	142 600	36,5	81,5	107 300	160 100	46,0
48,0					21,4	72,4	105 900	126 100	31,2	78,3	101 500	149 500	48,0
50,0					9,4	64,1	94 700	97 700	24,9	74,3	96 100	136 700	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

MLC650 VPC-MAX S-3

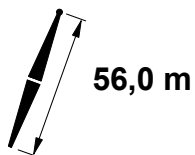
ASME B30.5



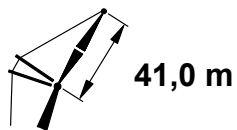
400 000 kg



360°



56,0 m

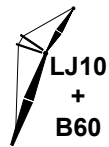


41,0 m

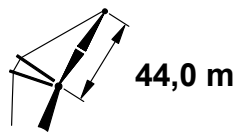
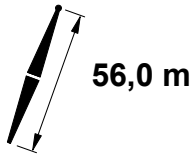
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	61,1	92,3	126 600	206 100									38,0
40,0	57,8	91,1	118 800	194 100									40,0
42,0	54,3	89,6	111 800	183 400									42,0
44,0	50,7	88,0	105 300	173 600									44,0
46,0	46,9	86,1	99 500	164 700	55,5	88,6	91 700	158 800					46,0
48,0	42,8	84,0	94 100	156 700	51,9	87,0	86 700	151 000					48,0
50,0	38,3	81,5	89 100	149 300	48,2	85,2	82 100	143 900					50,0
52,0	33,3	78,5	84 500	142 400	44,2	83,1	77 800	137 300	52,8	85,4	71 300	132 300	52,0
54,0	27,5	74,8	80 200	136 100	39,8	80,8	73 900	131 200	49,1	83,7	67 600	126 500	54,0
56,0	19,9	69,8	76 100	129 600	35,0	78,0	70 200	125 600	45,2	81,7	64 200	121 000	56,0
58,0					29,5	74,6	66 700	120 300	40,9	79,4	61 000	115 900	58,0
60,0					22,7	70,1	63 400	115 400	36,3	76,8	58 000	111 200	60,0
62,0					12,2	62,9	60 100	110 800	30,9	73,5	55 100	106 800	62,0
64,0									24,5	69,4	52 400	102 700	64,0
66,0									15,6	63,3	49 700	98 700	66,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,3	100,7	226 800	226 800									21,3
22,0	72,4	100,5	226 700	226 700									22,0
24,0	69,6	99,8	226 100	226 100									24,0
26,0	66,8	98,9	223 700	224 100	69,5	99,5	222 800	227 200					26,0
28,0	63,9	97,9	210 000	217 300	66,7	98,6	204 400	227 200					28,0
30,0	60,9	96,8	193 500	204 600	63,8	97,6	188 300	226 800	68,0	98,5	180 500	222 600	30,0
32,0	57,8	95,5	179 100	191 900	60,8	96,5	174 300	221 700	65,1	97,6	167 000	222 600	32,0
34,0	54,6	94,1	166 700	179 500	57,7	95,2	162 100	209 100	62,1	96,5	155 300	222 600	34,0
36,0	51,2	92,5	155 600	167 700	54,5	93,8	151 300	196 400	59,1	95,3	144 900	222 500	36,0
38,0	47,7	90,6	145 600	156 700	51,1	92,2	141 600	184 000	55,9	94,0	135 600	212 700	38,0
40,0	44,0	88,6	136 700	146 600	47,6	90,3	132 900	172 200	52,7	92,4	127 300	199 800	40,0
42,0	39,9	86,2	128 700	137 600	43,9	88,3	125 100	161 100	49,2	90,7	119 700	185 400	42,0
44,0	35,5	83,4	121 400	129 700	39,8	85,9	118 000	151 000	45,6	88,8	112 900	172 000	44,0
46,0	30,5	80,2	114 600	123 200	35,4	83,1	111 500	142 100	41,7	86,5	106 600	160 300	46,0
48,0	24,5	76,0	108 500	117 400	30,4	79,8	105 500	133 900	37,4	83,9	100 900	149 800	48,0
50,0	16,4	70,1	102 200	103 900	24,3	75,6	99 900	122 000	32,7	80,9	95 600	140 300	50,0
52,0					16,1	69,6	93 600	105 200	27,2	77,2	90 700	131 000	52,0
54,0									20,2	72,2	86 000	116 700	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

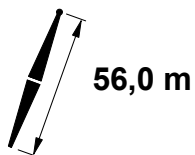
ASME B30.5



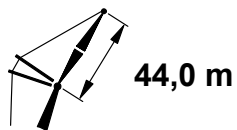
400 000 kg



360°



56,0 m

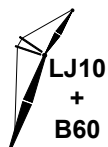


44,0 m

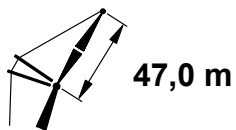
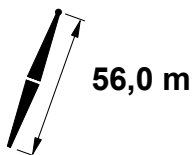
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,3	94,7	117 900	193 200									40,0
42,0	57,2	93,4	110 900	182 500									42,0
44,0	53,9	91,9	104 500	172 700									44,0
46,0	50,6	90,2	98 700	163 900	58,2	92,2	90 800	158 000					46,0
48,0	47,0	88,4	93 300	155 900	55,0	90,8	85 800	150 200					48,0
50,0	43,2	86,3	88 400	148 500	51,7	89,2	81 200	143 100					50,0
52,0	39,1	83,8	83 800	141 700	48,2	87,5	77 000	136 500					52,0
54,0	34,6	81,0	79 600	135 500	44,5	85,4	73 100	130 500	52,5	87,7	66 700	125 600	54,0
56,0	29,4	77,6	75 600	129 600	40,5	83,1	69 400	124 900	49,1	86,0	63 300	120 200	56,0
58,0	23,2	73,2	71 900	124 000	36,1	80,4	66 000	119 600	45,4	84,0	60 100	115 200	58,0
60,0	14,2	66,6	68 200	109 500	31,2	77,2	62 800	114 800	41,5	81,8	57 200	110 500	60,0
62,0					25,4	73,2	59 700	110 200	37,2	79,2	54 400	106 100	62,0
64,0					17,7	67,6	56 800	105 900	32,5	76,1	51 700	102 000	64,0
66,0									26,9	72,3	49 200	98 200	66,0
68,0									19,9	67,3	46 800	94 500	68,0

MLC650 VPC-MAX S-3

ASME B30.5



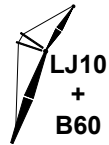
400 000 kg



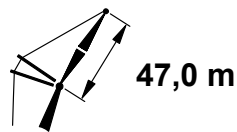
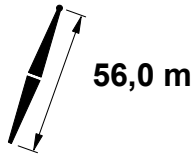
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,4	103,9	208 400	208 400									21,3
22,0	73,5	103,7	208 400	208 400									22,0
24,0	71,0	103,0	208 400	208 400									24,0
26,0	68,3	102,2	207 400	207 400	70,9	102,7	207 600	207 600					26,0
28,0	65,6	101,2	204 900	204 900	68,3	101,9	206 500	207 600					28,0
30,0	62,9	100,2	197 100	197 100	65,6	101,0	196 300	207 600					30,0
32,0	60,1	99,0	186 000	186 000	62,8	99,9	181 700	207 600	66,8	100,9	174 300	204 700	32,0
34,0	57,2	97,7	173 700	174 900	60,0	98,8	169 000	202 100	64,1	99,9	162 100	204 700	34,0
36,0	54,2	96,3	162 100	164 100	57,1	97,5	157 800	191 100	61,3	98,8	151 300	204 700	36,0
38,0	51,0	94,7	151 800	153 700	54,1	96,0	147 700	179 900	58,4	97,6	141 500	204 700	38,0
40,0	47,7	92,9	142 600	144 000	50,9	94,4	138 700	169 000	55,5	96,2	132 900	199 000	40,0
42,0	44,2	90,8	134 200	135 100	47,6	92,6	130 500	158 600	52,4	94,7	125 000	185 500	42,0
44,0	40,5	88,5	126 600	127 000	44,2	90,5	123 100	148 800	49,2	92,9	117 900	172 000	44,0
46,0	36,4	85,8	119 700	119 900	40,4	88,2	116 400	139 800	45,8	91,0	111 400	160 200	46,0
48,0	31,9	82,7	113 300	113 900	36,3	85,5	110 200	131 800	42,1	88,8	105 500	149 700	48,0
50,0	26,7	78,9	107 400	109 000	31,8	82,3	104 500	124 700	38,2	86,3	100 000	140 300	50,0
52,0	20,1	73,8	101 100	102 700	26,5	78,5	99 100	117 200	33,9	83,3	94 900	131 700	52,0
54,0					19,9	73,4	94 200	104 300	29,0	79,9	90 200	123 600	54,0
56,0									23,1	75,4	85 700	113 000	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

ASME B30.5



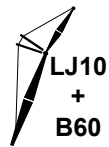
400 000 kg



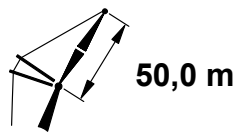
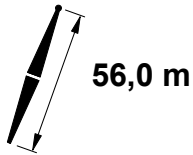
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,4	98,1	123 300	190 600									40,0
42,0	59,5	96,9	116 000	181 300									42,0
44,0	56,6	95,6	109 300	171 600									44,0
46,0	53,6	94,1	103 200	162 800									46,0
48,0	50,4	92,5	97 700	154 800	57,6	94,5	90 000	149 000					48,0
50,0	47,1	90,6	92 500	147 500	54,6	93,1	85 200	141 900					50,0
52,0	43,5	88,5	87 800	140 700	51,4	91,5	80 800	135 400					52,0
54,0	39,8	86,1	83 400	134 500	48,2	89,7	76 700	129 400					54,0
56,0	35,6	83,4	79 300	128 700	44,7	87,7	72 900	123 800	52,2	89,9	66 600	119 100	56,0
58,0	31,0	80,1	75 500	123 300	41,0	85,4	69 400	118 600	49,0	88,2	63 300	114 100	58,0
60,0	25,5	76,1	71 900	118 200	37,0	82,8	66 100	113 800	45,6	86,2	60 300	109 400	60,0
62,0	18,5	70,8	68 400	109 100	32,5	79,7	62 900	109 300	42,0	84,0	57 400	105 100	62,0
64,0	3,4	58,6	64 800	87 100	27,4	76,0	59 900	105 000	38,0	81,5	54 600	101 000	64,0
66,0					21,0	71,2	57 100	101 100	33,7	78,5	52 100	97 200	66,0
68,0					11,3	63,5	54 200	97 200	28,7	75,0	49 600	93 600	68,0
72,0									14,4	64,0	44 800	86 800	72,0

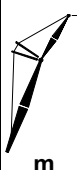
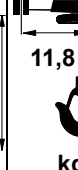
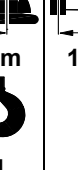
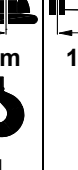
MLC650 VPC-MAX S-3

ASME B30.5



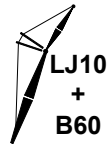
400 000 kg



	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,5	106,6	192 000	192 000									22,9
24,0	72,1	106,1	191 900	191 900									24,0
26,0	69,7	105,4	191 300	191 300	72,1	105,9	191 000	191 000					26,0
28,0	67,2	104,5	190 100	190 100	69,6	105,1	191 000	191 000					28,0
30,0	64,7	103,6	187 400	187 400	67,1	104,3	191 000	191 000					30,0
32,0	62,1	102,5	179 200	179 200	64,6	103,3	181 400	191 000	68,3	104,2	173 900	188 900	32,0
34,0	59,4	101,3	169 300	169 300	62,0	102,2	168 800	190 400	65,7	103,3	161 800	188 900	34,0
36,0	56,6	100,0	159 500	159 500	59,3	101,0	157 500	184 500	63,2	102,3	150 900	188 900	36,0
38,0	53,8	98,5	150 000	150 000	56,6	99,7	147 400	174 700	60,5	101,1	141 200	188 900	38,0
40,0	50,8	96,9	140 900	140 900	53,7	98,2	138 500	164 900	57,8	99,8	132 600	188 900	40,0
42,0	47,8	95,1	132 300	132 300	50,8	96,6	130 300	155 200	55,0	98,4	124 800	184 500	42,0
44,0	44,5	93,0	124 400	124 400	47,7	94,8	122 900	145 900	52,1	96,9	117 600	172 300	44,0
46,0	41,0	90,8	117 200	117 200	44,4	92,7	116 200	137 200	49,1	95,1	111 200	160 600	46,0
48,0	37,2	88,2	110 700	110 700	40,9	90,5	110 100	129 200	45,9	93,2	105 300	150 100	48,0
50,0	33,1	85,2	105 100	105 100	37,1	87,8	104 400	121 800	42,5	91,0	99 800	140 600	50,0
52,0	28,4	81,6	100 400	100 400	33,0	84,8	99 100	115 300	38,9	88,6	94 800	132 100	52,0
54,0	22,8	77,1	96 500	96 800	28,3	81,2	94 200	109 800	34,9	85,8	90 100	124 400	54,0
56,0	15,1	70,7	86 800	87 000	22,6	76,7	89 600	101 700	30,5	82,4	85 700	117 100	56,0
58,0									25,3	78,4	81 600	109 300	58,0
60,0									18,8	73,1	77 700	97 900	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

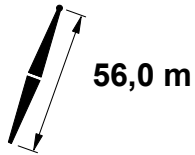
ASME B30.5



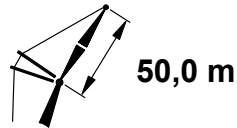
400 000 kg



360°



56,0 m

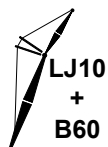


50,0 m

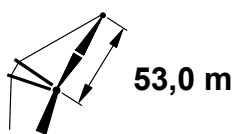
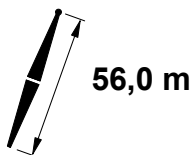
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	64,2	101,5	122 900	176 100									40,0
42,0	61,6	100,4	115 600	176 100									42,0
44,0	58,9	99,2	108 900	171 000									44,0
46,0	56,1	97,8	102 900	162 400									46,0
48,0	53,2	96,3	97 400	154 400									48,0
50,0	50,3	94,7	92 300	147 100	57,0	96,7	84 800	141 500					50,0
52,0	47,1	92,8	87 500	140 300	54,2	95,3	80 400	135 000					52,0
54,0	43,8	90,8	83 200	134 100	51,2	93,7	76 400	129 000					54,0
56,0	40,3	88,4	79 100	128 400	48,2	91,9	72 600	123 400					56,0
58,0	36,5	85,7	75 300	123 000	44,9	89,9	69 100	118 300	52,0	92,1	62 900	113 700	58,0
60,0	32,2	82,6	71 800	118 000	41,5	87,6	65 800	113 500	48,9	90,4	59 900	109 000	60,0
62,0	27,4	78,9	68 400	112 800	37,8	85,1	62 700	109 000	45,7	88,5	57 000	104 700	62,0
64,0	21,5	74,2	65 200	106 400	33,7	82,1	59 800	104 800	42,3	86,3	54 300	100 600	64,0
66,0					29,1	78,7	57 000	100 800	38,7	83,8	51 800	96 800	66,0
68,0					23,6	74,3	54 400	97 100	34,7	81,0	49 400	93 300	68,0
72,0									25,1	73,5	44 900	86 700	72,0

MLC650 VPC-MAX S-3

ASME B30.5



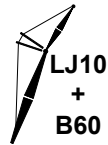
400 000 kg



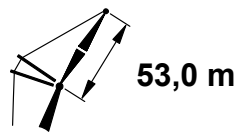
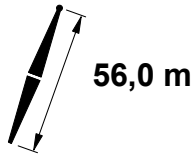
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,5	109,7	177 100	177 100									22,9
24,0	73,2	109,3	177 100	177 100									24,0
26,0	70,9	108,6	177 000	177 000									26,0
28,0	68,6	107,8	176 200	176 200	70,9	108,4	176 400	176 400					28,0
30,0	66,2	106,9	175 000	175 000	68,5	107,6	176 400	176 400					30,0
32,0	63,8	105,9	172 100	172 100	66,2	106,7	176 400	176 400	69,6	107,5	171 900	171 900	32,0
34,0	61,3	104,8	163 500	163 500	63,7	105,7	167 700	176 400	67,2	106,6	160 500	171 900	34,0
36,0	58,8	103,6	154 800	154 800	61,3	104,6	156 400	175 600	64,8	105,7	149 700	171 900	36,0
38,0	56,2	102,3	146 200	146 200	58,7	103,3	146 300	169 200	62,4	104,6	140 000	171 900	38,0
40,0	53,5	100,8	137 800	137 800	56,1	102,0	137 400	160 500	59,9	103,4	131 400	171 900	40,0
42,0	50,7	99,1	129 800	129 800	53,4	100,5	129 300	151 800	57,3	102,1	123 600	171 900	42,0
44,0	47,8	97,3	122 200	122 200	50,6	98,9	121 900	143 200	54,7	100,7	116 500	170 700	44,0
46,0	44,7	95,3	115 100	115 100	47,7	97,0	115 200	135 000	51,9	99,1	110 100	160 000	46,0
48,0	41,5	93,1	108 700	108 700	44,6	95,0	109 100	127 300	49,0	97,4	104 200	149 600	48,0
50,0	38,0	90,5	102 800	102 800	41,4	92,8	103 400	120 000	46,0	95,5	98 700	140 100	50,0
52,0	34,2	87,6	97 700	97 700	37,9	90,2	98 200	113 400	42,9	93,3	93 700	131 600	52,0
54,0	29,9	84,3	93 300	93 300	34,1	87,3	93 300	107 500	39,5	90,9	89 100	124 000	54,0
56,0	25,0	80,2	89 800	89 800	29,8	83,9	88 800	102 400	35,8	88,2	84 700	117 000	56,0
58,0	18,8	74,8	86 400	86 400	24,9	79,8	84 600	97 900	31,8	85,0	80 700	110 200	58,0
60,0					18,6	74,4	80 600	87 700	27,2	81,3	76 900	103 500	60,0
62,0									21,7	76,6	73 300	94 900	62,0
64,0									14,0	69,7	69 800	83 900	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



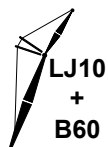
400 000 kg



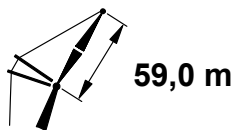
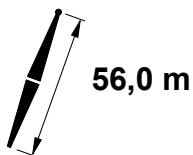
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	63,3	103,9	114 300	161 900									42,0
44,0	60,9	102,7	107 600	161 900									44,0
46,0	58,3	101,5	101 600	160 800									46,0
48,0	55,7	100,1	96 100	153 300									48,0
50,0	53,0	98,6	91 000	146 000									50,0
52,0	50,2	96,9	86 300	139 300	56,5	99,0	79 100	133 900					52,0
54,0	47,2	95,1	82 000	133 100	53,9	97,6	75 100	127 900					54,0
56,0	44,1	93,0	78 000	127 400	51,1	95,9	71 300	122 400					56,0
58,0	40,8	90,7	74 200	122 000	48,2	94,2	67 800	117 200	54,5	96,0	61 600	112 500	58,0
60,0	37,3	88,1	70 700	117 100	45,1	92,2	64 500	112 400	51,8	94,4	58 500	107 900	60,0
62,0	33,4	85,2	67 400	112 500	41,9	90,0	61 500	108 000	48,9	92,7	55 700	103 600	62,0
64,0	29,0	81,7	64 300	106 600	38,4	87,5	58 600	103 800	45,9	90,7	53 000	99 600	64,0
66,0	23,9	77,4	61 300	100 500	34,7	84,6	55 900	99 900	42,7	88,6	50 500	95 800	66,0
68,0	17,3	71,6	58 400	92 200	30,5	81,3	53 300	96 200	39,3	86,2	48 100	92 200	68,0
72,0					19,7	72,2	48 400	89 300	31,6	80,2	43 700	85 700	72,0
76,0									21,4	71,6	39 600	79 800	76,0

MLC650 VPC-MAX S-3

ASME B30.5



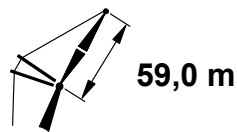
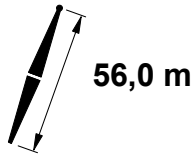
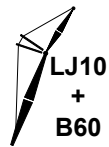
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,6	115,5	150 700	150 700									24,4
26,0	72,9	115,0	150 700	150 700									26,0
28,0	70,9	114,3	150 400	150 400									28,0
30,0	68,8	113,5	149 800	149 800	70,8	114,0	149 900	149 900					30,0
32,0	66,7	112,6	149 100	149 100	68,7	113,2	149 900	149 900					32,0
34,0	64,5	111,7	148 100	148 100	66,6	112,4	149 800	149 800					34,0
36,0	62,3	110,6	144 400	144 400	64,5	111,4	149 700	149 700	67,6	112,3	145 400	145 900	36,0
38,0	60,1	109,4	137 700	137 700	62,3	110,3	144 800	149 300	65,4	111,4	138 400	145 900	38,0
40,0	57,8	108,2	130 900	130 900	60,0	109,2	136 000	148 500	63,3	110,3	129 900	145 900	40,0
42,0	55,4	106,8	124 200	124 200	57,7	107,9	127 900	143 500	61,0	109,2	122 100	145 900	42,0
44,0	53,0	105,3	117 600	117 600	55,3	106,5	120 600	136 700	58,8	108,0	115 000	145 900	44,0
46,0	50,5	103,6	111 200	111 200	52,9	105,0	113 900	129 900	56,4	106,7	108 600	145 900	46,0
48,0	47,8	101,8	105 200	105 200	50,4	103,3	107 800	123 100	54,0	105,2	102 700	145 100	48,0
50,0	45,1	99,8	99 600	99 600	47,8	101,5	102 200	116 600	51,5	103,6	97 300	139 600	50,0
52,0	42,2	97,6	94 300	94 300	45,0	99,5	97 000	110 400	49,0	101,9	92 300	131 300	52,0
54,0	39,2	95,2	89 500	89 500	42,1	97,3	92 200	104 600	46,3	100,0	87 700	123 700	54,0
56,0	35,9	92,5	85 200	85 200	39,1	94,9	87 700	99 100	43,5	97,9	83 500	116 700	56,0
58,0	32,3	89,4	81 300	81 300	35,8	92,1	83 500	94 100	40,5	95,5	79 500	110 200	58,0
60,0	28,3	85,7	78 100	78 100	32,2	89,0	79 700	89 700	37,3	92,9	75 700	104 300	60,0
62,0	23,6	81,4	75 500	75 500	28,2	85,4	76 000	85 800	33,8	90,0	72 200	98 600	62,0
64,0	17,8	75,7	73 300	73 300	23,5	81,0	72 500	82 600	30,0	86,6	68 900	93 200	64,0
66,0					17,6	75,3	69 200	74 400	25,7	82,6	65 800	87 800	66,0
68,0									20,4	77,6	62 800	80 500	68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

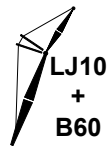
ASME B30.5



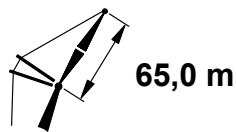
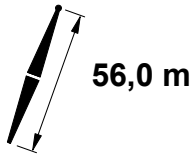
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,9	108,5	99 900	136 600									46,0
48,0	59,6	107,3	94 400	136 600									48,0
50,0	57,3	106,0	89 400	136 600									50,0
52,0	54,9	104,6	84 700	136 200									52,0
54,0	52,5	103,1	80 400	131 700	58,1	104,9	73 300	125 200					54,0
56,0	50,0	101,4	76 400	126 000	55,7	103,6	69 600	120 900					56,0
58,0	47,3	99,6	72 700	120 700	53,3	102,1	66 100	115 700					58,0
60,0	44,6	97,5	69 200	115 800	50,8	100,4	62 900	111 000					60,0
62,0	41,6	95,3	66 000	111 200	48,2	98,6	59 800	106 600					62,0
64,0	38,5	92,8	62 900	106 700	45,5	96,7	57 000	102 400	51,4	98,9	51 200	98 100	64,0
66,0	35,2	90,0	60 000	101 100	42,6	94,5	54 300	98 500	48,8	97,1	48 800	94 300	66,0
68,0	31,5	86,8	57 300	95 600	39,6	92,1	51 800	94 900	46,1	95,2	46 400	90 800	68,0
72,0	22,6	78,5	52 200	85 400	32,8	86,4	47 100	88 100	40,3	90,8	42 100	84 400	72,0
76,0					24,3	78,6	42 900	82 100	33,7	85,2	38 200	78 600	76,0
80,0									25,5	77,8	34 600	73 400	80,0

MLC650 VPC-MAX S-3

ASME B30.5



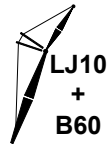
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,6	121,3	128 200	128 200									25,9
26,0	74,6	121,3	128 200	128 200									26,0
28,0	72,7	120,7	128 200	128 200									28,0
30,0	70,8	119,9	127 900	127 900									30,0
32,0	69,0	119,2	127 500	127 500									32,0
					70,8	119,7	127 100	127 100					
34,0	67,0	118,3	126 900	126 900	68,9	118,9	127 100	127 100					34,0
36,0	65,1	117,4	126 200	126 200	67,0	118,0	127 100	127 100					36,0
38,0	63,1	116,4	125 400	125 400	65,0	117,1	127 100	127 100	67,9	118,0	123 800	123 800	38,0
40,0	61,1	115,2	122 000	122 000	63,1	116,1	126 800	126 800	65,9	117,1	123 700	123 800	40,0
42,0	59,0	114,0	116 700	116 700	61,0	115,0	125 100	126 300	64,0	116,1	120 600	123 800	42,0
44,0	56,9	112,7	111 400	111 400	59,0	113,8	119 200	125 800	62,0	115,0	113 500	123 800	44,0
46,0	54,8	111,3	106 100	106 100	56,9	112,4	112 500	122 200	59,9	113,8	107 100	123 800	46,0
48,0	52,5	109,8	101 000	101 000	54,7	111,0	106 400	117 000	57,8	112,6	101 300	123 800	48,0
50,0	50,3	108,1	96 000	96 000	52,5	109,5	100 800	111 600	55,7	111,2	95 900	123 800	50,0
52,0	47,9	106,3	91 200	91 200	50,2	107,8	95 700	106 400	53,5	109,7	90 900	123 800	52,0
54,0	45,4	104,3	86 600	86 600	47,8	106,0	90 900	101 200	51,2	108,1	86 300	122 100	54,0
56,0	42,8	102,2	82 400	82 400	45,3	104,0	86 500	96 300	48,9	106,4	82 100	116 100	56,0
58,0	40,1	99,8	78 400	78 400	42,7	101,9	82 300	91 500	46,5	104,5	78 100	109 700	58,0
60,0	37,2	97,2	74 800	74 800	40,0	99,5	78 500	87 100	43,9	102,4	74 400	103 800	60,0
62,0	34,1	94,3	71 500	71 500	37,1	96,9	74 900	83 000	41,3	100,1	70 900	98 400	62,0
64,0	30,7	91,0	68 600	68 600	34,0	94,0	71 400	79 100	38,4	97,6	67 700	93 300	64,0
66,0	26,9	87,1	66 100	66 100	30,6	90,6	68 300	75 700	35,4	94,8	64 600	88 400	66,0
68,0	22,4	82,5	64 200	64 200	26,8	86,8	65 200	72 800	32,2	91,7	61 700	83 800	68,0
72,0					16,7	76,1	59 500	63 300	24,4	83,9	56 400	75 000	72,0
76,0									12,5	71,0	51 400	60 800	76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

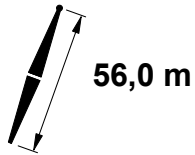
ASME B30.5



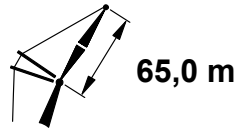
400 000 kg



360°



56,0 m

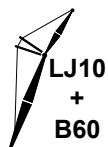


65,0 m

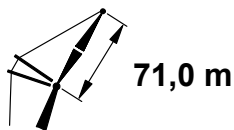
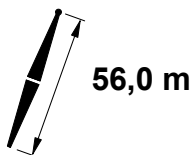
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	64,7	115,3	98 200	115 400									46,0
48,0	62,7	114,3	92 800	115 400									48,0
50,0	60,7	113,1	87 700	115 400									50,0
52,0	58,6	111,9	83 100	115 400									52,0
54,0	56,5	110,6	78 800	115 400									54,0
56,0	54,3	109,1	74 900	115 400									56,0
58,0	52,1	107,6	71 200	115 400	57,2	109,5	64 400	108 000					58,0
60,0	49,8	105,9	67 700	114 200	55,1	108,1	61 200	107 800					60,0
62,0	47,4	104,1	64 500	109 900	52,8	106,6	58 200	105 100					62,0
64,0	44,9	102,1	61 500	105 600	50,6	104,9	55 300	101 000					64,0
66,0	42,3	99,9	58 600	100 500	48,2	103,1	52 700	97 100	53,4	105,0	47 000	92 900	66,0
68,0	39,5	97,5	55 900	95 400	45,7	101,2	50 200	93 500	51,1	103,4	44 700	89 400	68,0
72,0	33,4	91,8	51 000	85 900	40,4	96,7	45 600	86 900	46,3	99,7	40 400	83 000	72,0
76,0	26,1	84,5	46 500	77 300	34,5	91,3	41 500	80 900	41,1	95,4	36 600	77 200	76,0
80,0	15,5	73,2	42 300	67 100	27,4	84,3	37 700	75 600	35,3	90,0	33 200	72 100	80,0
84,0					17,7	74,0	34 200	70 500	28,4	83,3	30 000	67 400	84,0
88,0									19,2	73,7	27 000	63 100	88,0

MLC650 VPC-MAX S-3

ASME B30.5



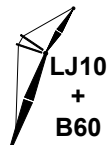
400 000 kg



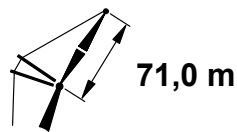
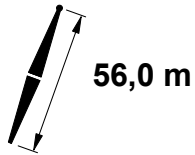
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,7	127,1	109 600	109 600									27,4
28,0	74,2	126,9	109 500	109 500									28,0
30,0	72,5	126,3	109 400	109 400									30,0
32,0	70,8	125,6	109 100	109 100	72,5	126,0	108 100	108 100					32,0
34,0	69,1	124,8	108 700	108 700	70,8	125,3	108 100	108 100					34,0
36,0	67,3	124,0	108 200	108 200	69,0	124,5	108 100	108 100					36,0
38,0	65,6	123,0	107 600	107 600	67,3	123,7	108 000	108 000					38,0
40,0	63,7	122,0	106 900	106 900	65,5	122,8	107 800	107 800	68,1	123,6	104 600	104 600	40,0
42,0	61,9	121,0	106 200	106 200	63,7	121,8	107 500	107 500	66,3	122,7	104 600	104 600	42,0
44,0	60,1	119,8	104 100	104 100	61,9	120,7	107 100	107 100	64,5	121,8	104 600	104 600	44,0
46,0	58,1	118,6	100 100	100 100	60,0	119,5	106 600	106 600	62,7	120,7	104 200	104 600	46,0
48,0	56,2	117,2	95 900	95 900	58,1	118,3	104 800	106 100	60,8	119,6	100 200	104 600	48,0
50,0	54,2	115,8	91 700	91 700	56,2	116,9	99 900	104 900	59,0	118,4	94 900	104 600	50,0
52,0	52,2	114,2	87 600	87 600	54,2	115,5	94 800	101 100	57,0	117,1	89 900	104 600	52,0
54,0	50,1	112,5	83 600	83 600	52,1	113,9	90 000	96 900	55,1	115,7	85 400	104 600	54,0
56,0	47,9	110,7	79 700	79 700	50,0	112,3	85 600	92 700	53,0	114,2	81 100	104 600	56,0
58,0	45,6	108,8	76 000	76 000	47,8	110,4	81 500	88 600	51,0	112,5	77 200	104 500	58,0
60,0	43,3	106,7	72 500	72 500	45,6	108,5	77 700	84 600	48,8	110,8	73 500	102 500	60,0
62,0	40,8	104,4	69 200	69 200	43,2	106,4	74 100	80 800	46,6	108,9	70 000	97 900	62,0
64,0	38,2	101,8	66 200	66 200	40,7	104,0	70 700	77 100	44,3	106,9	66 800	92 900	64,0
66,0	35,5	99,1	63 400	63 400	38,1	101,5	67 500	73 600	41,9	104,6	63 800	88 300	66,0
68,0	32,5	96,0	60 800	60 800	35,4	98,7	64 500	70 400	39,3	102,2	60 900	83 900	68,0
72,0	25,6	88,4	56 700	56 700	29,1	92,1	59 000	64 800	33,8	96,6	55 600	75 700	72,0
76,0	16,0	77,3	53 000	53 000	21,2	83,2	54 000	60 200	27,2	89,5	50 900	68 400	76,0
80,0									18,5	79,5	46 500	59 000	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



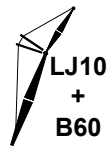
400 000 kg



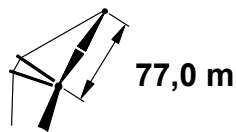
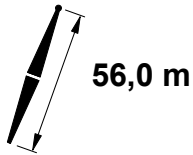
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	63,4	120,0	86 500	97 300									50,0
52,0	61,6	118,9	81 900	97 300									52,0
54,0	59,7	117,7	77 700	97 300									54,0
56,0	57,8	116,4	73 700	97 300									56,0
58,0	55,8	115,1	70 100	97 300									58,0
60,0	53,8	113,6	66 600	97 300	58,4	115,3	59 900	90 200					60,0
62,0	51,8	112,0	63 400	97 300	56,5	114,0	57 000	90 200					62,0
64,0	49,6	110,3	60 400	97 300	54,5	112,5	54 200	90 200					64,0
66,0	47,5	108,5	57 600	97 300	52,4	111,0	51 600	90 200					66,0
68,0	45,2	106,5	54 900	94 900	50,3	109,3	49 100	90 200					68,0
72,0	40,3	102,0	50 000	85 800	45,9	105,6	44 600	85 900	50,9	107,8	39 200	81 900	72,0
76,0	34,9	96,6	45 600	77 500	41,1	101,2	40 500	80 000	46,5	104,2	35 400	76 200	76,0
80,0	28,6	89,9	41 700	70 100	35,8	96,0	36 800	74 700	41,8	99,9	32 100	71 100	80,0
84,0	20,4	80,6	38 000	63 100	29,7	89,5	33 400	69 900	36,5	94,8	28 900	66 500	84,0
88,0					21,9	80,8	30 300	64 600	30,5	88,5	26 100	62 300	88,0
92,0									23,0	80,1	23 400	58 500	92,0
96,0									11,4	66,3	20 800	54 800	96,0

MLC650 VPC-MAX S-3

ASME B30.5



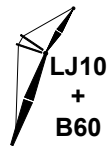
400 000 kg



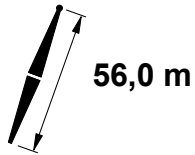
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,7	132,9	93 900	93 900									29,0
30,0	73,9	132,6	93 800	93 800									30,0
32,0	72,4	131,9	93 600	93 600									32,0
34,0	70,8	131,2	93 200	93 200	72,3	131,7	92 500	92 500					34,0
36,0	69,2	130,5	92 800	92 800	70,7	131,0	92 400	92 400					36,0
38,0	67,6	129,6	92 300	92 300	69,2	130,2	92 300	92 300					38,0
40,0	66,0	128,7	91 800	91 800	67,5	129,4	92 100	92 100					40,0
42,0	64,3	127,8	91 200	91 200	65,9	128,5	91 800	91 800	68,3	129,3	89 400	89 400	42,0
44,0	62,6	126,7	90 600	90 600	64,3	127,5	91 500	91 500	66,6	128,4	89 400	89 400	44,0
46,0	60,9	125,6	89 900	89 900	62,6	126,5	91 100	91 100	65,0	127,5	89 400	89 400	46,0
48,0	59,2	124,4	88 600	88 600	60,9	125,3	90 700	90 700	63,3	126,4	89 400	89 400	48,0
50,0	57,4	123,1	85 600	85 600	59,1	124,1	90 200	90 200	61,6	125,4	89 400	89 400	50,0
52,0	55,6	121,7	82 300	82 300	57,4	122,8	89 700	89 700	59,9	124,2	88 300	89 400	52,0
54,0	53,8	120,3	78 900	78 900	55,6	121,5	88 200	89 200	58,2	122,9	83 700	89 400	54,0
56,0	51,9	118,7	75 700	75 700	53,7	120,0	84 100	87 100	56,4	121,6	79 500	89 400	56,0
58,0	49,9	117,0	72 400	72 400	51,8	118,4	80 000	83 800	54,5	120,2	75 600	89 300	58,0
60,0	47,9	115,2	69 300	69 300	49,9	116,7	76 200	80 400	52,7	118,7	71 900	89 100	60,0
62,0	45,8	113,3	66 400	66 400	47,9	114,9	72 600	77 100	50,7	117,0	68 500	88 800	62,0
64,0	43,7	111,2	63 500	63 500	45,8	113,0	69 200	73 900	48,8	115,3	65 300	88 600	64,0
66,0	41,4	108,9	60 800	60 800	43,6	110,9	66 100	70 800	46,7	113,4	62 300	87 100	66,0
68,0	39,1	106,5	58 300	58 300	41,4	108,6	63 100	67 800	44,6	111,4	59 400	82 900	68,0
72,0	34,0	100,9	53 700	53 700	36,5	103,5	57 700	62 300	40,1	106,8	54 200	75 100	72,0
76,0	28,0	93,9	50 000	50 000	31,0	97,3	52 800	57 500	35,1	101,4	49 500	67 900	76,0
80,0	20,5	84,6	47 400	47 400	24,4	89,3	48 300	53 600	29,4	94,8	45 300	61 500	80,0
84,0					15,2	77,6	44 100	46 100	22,3	86,2	41 400	55 100	84,0
88,0									11,3	72,0	37 700	44 200	88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

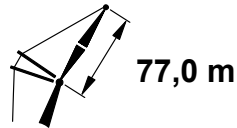
ASME B30.5



400 000 kg



56,0 m

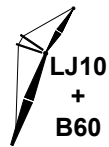


77,0 m

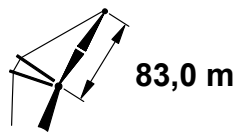
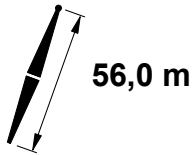
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	64,0	125,7	80 100	83 000									52,0
54,0	62,3	124,6	75 900	83 000									54,0
56,0	60,6	123,5	72 000	83 000									56,0
58,0	58,8	122,3	68 300	83 000									58,0
60,0	57,1	121,0	64 900	83 000									60,0
62,0	55,2	119,6	61 700	83 000									62,0
64,0	53,4	118,1	58 700	83 000	57,6	119,9	52 300	76 500					64,0
66,0	51,5	116,5	55 900	83 000	55,8	118,5	49 700	76 500					66,0
68,0	49,5	114,8	53 300	83 000	54,0	117,0	47 300	76 500					68,0
72,0	45,4	111,0	48 400	82 800	50,2	113,8	42 800	76 500	54,5	115,5	37 300	69 900	72,0
76,0	41,0	106,6	44 100	76 700	46,1	110,1	38 800	76 500	50,7	112,3	33 600	69 900	76,0
80,0	36,1	101,4	40 200	69 500	41,7	105,8	35 100	73 300	46,6	108,6	30 300	69 300	80,0
84,0	30,5	95,1	36 600	63 000	36,9	100,7	31 800	68 600	42,3	104,4	27 200	65 100	84,0
88,0	23,8	86,9	33 300	57 000	31,5	94,6	28 800	64 100	37,6	99,5	24 400	61 000	88,0
92,0	14,1	74,6	30 100	49 400	25,0	86,9	26 000	58 200	32,2	93,5	21 900	57 100	92,0
96,0					16,1	75,6	23 300	52 500	25,9	86,0	19 500	53 600	96,0
100,0									17,4	75,4	17 200	50 400	100,0

MLC650 VPC-MAX S-3

ASME B30.5



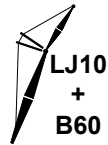
400 000 kg



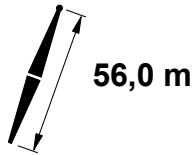
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,8	138,7	80 200	80 200									30,5
32,0	73,7	138,3	80 100	80 100									32,0
34,0	72,2	137,6	79 800	79 800									34,0
36,0	70,8	136,9	79 500	79 500	72,2	137,3	79 000	79 000					36,0
38,0	69,3	136,1	79 100	79 100	70,7	136,6	78 900	78 900					38,0
40,0	67,8	135,3	78 600	78 600	69,3	135,9	78 700	78 700					40,0
42,0	66,3	134,4	78 100	78 100	67,8	135,1	78 400	78 400					42,0
44,0	64,8	133,5	77 600	77 600	66,2	134,2	78 100	78 100	68,4	134,9	76 400	76 400	44,0
46,0	63,2	132,5	77 100	77 100	64,7	133,2	77 800	77 800	66,9	134,1	76 400	76 400	46,0
48,0	61,6	131,4	76 500	76 500	63,2	132,2	77 500	77 500	65,4	133,2	76 400	76 400	48,0
50,0	60,0	130,2	75 900	75 900	61,6	131,1	77 100	77 100	63,9	132,2	76 400	76 400	50,0
52,0	58,4	129,0	75 300	75 300	60,0	129,9	76 600	76 600	62,3	131,1	76 400	76 400	52,0
54,0	56,8	127,7	73 800	73 800	58,4	128,7	76 200	76 200	60,7	130,0	76 200	76 200	54,0
56,0	55,1	126,3	71 200	71 200	56,7	127,4	75 800	75 800	59,1	128,8	76 100	76 100	56,0
58,0	53,4	124,8	68 500	68 500	55,0	126,0	75 300	75 300	57,5	127,5	74 500	75 900	58,0
60,0	51,6	123,2	65 900	65 900	53,3	124,5	74 400	74 700	55,8	126,1	70 900	75 600	60,0
62,0	49,8	121,5	63 300	63 300	51,6	122,9	71 700	72 900	54,1	124,7	67 500	75 400	62,0
64,0	47,9	119,7	60 800	60 800	49,7	121,2	68 400	70 200	52,4	123,1	64 300	75 200	64,0
66,0	46,0	117,8	58 400	58 400	47,9	119,4	65 200	67 600	50,6	121,5	61 300	74 900	66,0
68,0	44,0	115,7	56 100	56 100	46,0	117,5	62 300	65 000	48,7	119,7	58 500	74 700	68,0
72,0	39,8	111,1	51 800	51 800	41,9	113,2	56 900	60 100	44,9	115,9	53 300	73 800	72,0
76,0	35,2	105,7	48 000	48 000	37,5	108,2	52 000	55 500	40,7	111,4	48 700	67 900	76,0
80,0	29,9	99,2	44 700	44 700	32,6	102,3	47 700	51 500	36,2	106,2	44 500	61 600	80,0
84,0	23,6	90,9	42 200	42 200	26,8	95,0	43 700	48 000	31,1	100,0	40 600	55 900	84,0
88,0	14,7	78,8	38 500	38 500	19,6	85,2	40 000	44 000	25,0	92,2	37 100	50 700	88,0
92,0									17,0	81,2	33 900	43 100	92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

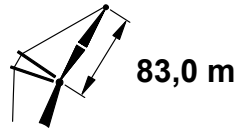
ASME B30.5



400 000 kg



56,0 m

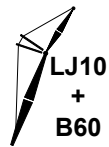


83,0 m

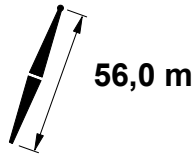
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	64,5	131,4	70 900	70 900									54,0
56,0	62,9	130,4	70 200	70 900									56,0
58,0	61,3	129,3	67 100	70 900									58,0
60,0	59,7	128,1	63 800	70 900									60,0
62,0	58,1	126,9	60 600	70 900									62,0
64,0	56,4	125,5	57 600	70 900									64,0
66,0	54,8	124,1	54 800	70 900	58,6	125,7	48 500	65 800					66,0
68,0	53,0	122,6	52 200	70 900	57,0	124,4	46 100	65 800					68,0
72,0	49,4	119,3	47 400	70 900	53,6	121,5	41 600	65 800					72,0
76,0	45,6	115,5	43 100	70 900	50,0	118,3	37 700	65 800					76,0
80,0	41,6	111,2	39 200	69 300	46,3	114,6	34 100	65 800	50,5	116,8	29 100	60 900	80,0
84,0	37,1	106,1	35 700	63 000	42,2	110,4	30 800	65 800	46,7	113,1	26 100	60 900	84,0
88,0	32,1	100,1	32 400	57 200	37,9	105,4	27 800	63 400	42,8	109,0	23 300	60 000	88,0
92,0	26,3	92,7	29 500	51 900	33,0	99,6	25 100	58 400	38,4	104,1	20 800	56 300	92,0
96,0	18,8	82,6	26 700	47 000	27,3	92,5	22 500	53 000	33,6	98,4	18 500	52 800	96,0
100,0					20,2	83,0	20 100	48 000	28,1	91,5	16 300	49 600	100,0
104,0									21,2	82,4	14 200	46 600	104,0
108,0									10,5	67,4	12 200	43 800	108,0

MLC650 VPC-MAX S-3

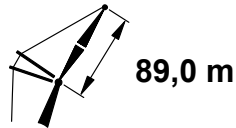
ASME B30.5



400 000 kg



56,0 m

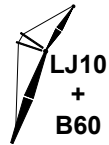


89,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,8	144,5	68 600	68 600									32,0
34,0	73,5	143,9	68 300	68 300									34,0
36,0	72,1	143,3	67 900	67 900									36,0
38,0	70,8	142,6	67 500	67 500									38,0
40,0	69,4	141,8	67 100	67 100	70,7	142,3	66 900	66 900					40,0
42,0	68,0	141,0	66 600	66 600	69,3	141,5	66 700	66 700					42,0
44,0	66,6	140,1	66 200	66 200	68,0	140,7	66 400	66 400					44,0
46,0	65,2	139,2	65 600	65 600	66,5	139,8	66 000	66 000	68,6	140,6	64 700	64 700	46,0
48,0	63,7	138,2	65 100	65 100	65,1	138,9	65 700	65 700	67,2	139,8	64 600	64 600	48,0
50,0	62,3	137,1	64 600	64 600	63,7	137,9	65 300	65 300	65,8	138,9	64 500	64 500	50,0
52,0	60,8	136,0	64 100	64 100	62,2	136,9	64 900	64 900	64,3	137,9	64 300	64 300	52,0
54,0	59,3	134,8	63 500	63 500	60,8	135,7	64 400	64 400	62,9	136,9	64 100	64 100	54,0
56,0	57,8	133,5	63 000	63 000	59,3	134,5	64 000	64 000	61,4	135,8	63 900	63 900	56,0
58,0	56,2	132,2	62 400	62 400	57,7	133,3	63 600	63 600	59,9	134,6	63 700	63 700	58,0
60,0	54,6	130,8	61 400	61 400	56,2	131,9	63 100	63 100	58,4	133,4	63 400	63 400	60,0
62,0	53,0	129,3	59 300	59 300	54,6	130,5	62 700	62 700	56,9	132,1	63 100	63 100	62,0
64,0	51,4	127,7	57 200	57 200	53,0	129,0	62 200	62 200	55,3	130,7	62 600	62 900	64,0
66,0	49,7	126,0	55 200	55 200	51,3	127,4	61 800	61 800	53,7	129,2	59 600	62 600	66,0
68,0	48,0	124,2	53 200	53 200	49,6	125,7	60 500	60 900	52,1	127,6	56 800	62 300	68,0
72,0	44,3	120,2	49 300	49 300	46,1	122,0	55 300	57 000	48,7	124,2	51 600	61 700	72,0
76,0	40,4	115,7	45 800	45 800	42,4	117,7	50 500	53 000	45,1	120,4	47 000	61 100	76,0
80,0	36,2	110,5	42 500	42 500	38,3	112,9	46 100	49 300	41,3	116,0	42 800	60 100	80,0
84,0	31,5	104,3	39 700	39 700	33,9	107,2	42 200	45 800	37,1	110,9	39 100	54 900	84,0
88,0	26,0	96,7	37 400	37 400	28,8	100,4	38 500	42 900	32,5	105,0	35 600	49 800	88,0
92,0	19,0	86,6	35 300	35 300	22,6	91,8	35 200	40 000	27,2	97,8	32 400	45 200	92,0
96,0	6,3	67,4	24 300	24 300	14,1	79,1	32 000	32 800	20,6	88,4	29 500	40 000	96,0
100,0									10,5	73,1	26 600	31 400	100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

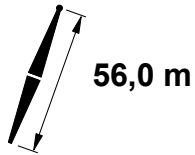
ASME B30.5



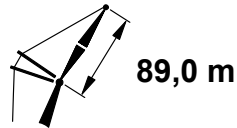
400 000 kg



360°



56,0 m

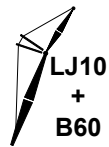


89,0 m

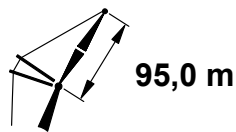
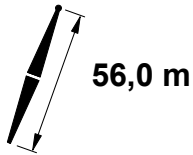
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	63,4	136,1	59 700	59 700									58,0
60,0	62,0	135,0	59 700	59 700									60,0
62,0	60,5	133,9	58 500	59 700									62,0
64,0	59,0	132,7	55 700	59 700									64,0
66,0	57,5	131,4	53 000	59 700									66,0
68,0	55,9	130,1	50 400	59 700									68,0
72,0	52,7	127,1	45 600	59 700	56,4	129,0	39 700	54 900					72,0
76,0	49,4	123,8	41 300	59 700	53,2	126,0	35 800	54 900	53,6	124,5	27 100	50 400	76,0
80,0	45,8	120,0	37 500	59 700	49,9	122,8	32 200	54 900	50,3	121,2	24 100	50 400	80,0
84,0	42,0	115,7	34 000	59 700	46,4	119,1	29 000	54 900	46,8	117,6	21 400	50 400	84,0
88,0	38,0	110,8	30 800	56 200	42,7	114,9	26 000	54 900	43,1	113,5	18 900	50 400	88,0
92,0	33,5	105,1	27 800	51 000	38,7	110,1	23 300	54 900	39,2	108,8	16 600	50 400	92,0
96,0	28,3	98,1	25 100	46 300	34,2	104,5	20 800	52 000	34,8	103,3	14 500	48 200	96,0
100,0	22,1	89,3	22 600	41 900	29,2	97,8	18 500	47 300	29,9	96,7	12 600	45 300	100,0
104,0	13,1	75,9	20 100	35 700	23,2	89,3	16 300	42 800	24,0	88,6	10 700	42 500	104,0
108,0					14,9	77,2	14 200	38 600	16,2	77,1		39 300	108,0
112,0													112,0

MLC650 VPC-MAX S-3

ASME B30.5



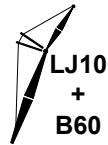
400 000 kg



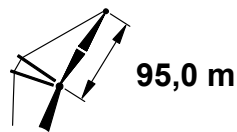
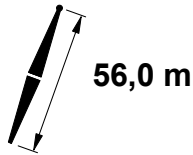
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,9	150,3	59 000	59 000									33,5
34,0	74,6	150,2	59 000	59 000									34,0
36,0	73,3	149,6	58 700	58 700									36,0
38,0	72,0	148,9	58 300	58 300									38,0
40,0	70,7	148,2	57 900	57 900	72,0	148,7	57 700	57 700					40,0
42,0	69,5	147,5	57 500	57 500	70,7	148,0	57 400	57 400					42,0
44,0	68,2	146,7	57 100	57 100	69,4	147,2	57 100	57 100					44,0
46,0	66,8	145,8	56 600	56 600	68,1	146,4	56 800	56 800					46,0
48,0	65,5	144,9	56 200	56 200	66,8	145,5	56 400	56 400	68,7	146,3	55 300	55 300	48,0
50,0	64,2	143,9	55 700	55 700	65,5	144,6	56 100	56 100	67,4	145,4	55 200	55 200	50,0
52,0	62,8	142,9	55 200	55 200	64,1	143,6	55 700	55 700	66,1	144,5	55 000	55 000	52,0
54,0	61,4	141,8	54 700	54 700	62,8	142,6	55 300	55 300	64,7	143,6	54 800	54 800	54,0
56,0	60,0	140,6	54 200	54 200	61,4	141,5	54 900	54 900	63,4	142,6	54 600	54 600	56,0
58,0	58,6	139,4	53 700	53 700	60,0	140,3	54 500	54 500	62,0	141,5	54 400	54 400	58,0
60,0	57,2	138,1	53 300	53 300	58,6	139,1	54 100	54 100	60,6	140,4	54 100	54 100	60,0
62,0	55,7	136,7	52 800	52 800	57,2	137,8	53 700	53 700	59,2	139,2	53 900	53 900	62,0
64,0	54,2	135,3	52 300	52 300	55,7	136,5	53 300	53 300	57,8	137,9	53 600	53 600	64,0
66,0	52,7	133,8	51 400	51 400	54,2	135,0	52 900	52 900	56,4	136,6	53 300	53 300	66,0
68,0	51,2	132,2	49 700	49 700	52,7	133,5	52 500	52 500	54,9	135,2	53 000	53 000	68,0
72,0	48,0	128,6	46 400	46 400	49,6	130,2	51 700	51 700	51,8	132,1	50 600	52 500	72,0
76,0	44,6	124,7	43 200	43 200	46,3	126,4	49 600	49 800	48,7	128,7	46 100	51 900	76,0
80,0	41,0	120,3	40 300	40 300	42,8	122,3	45 300	46 600	45,3	124,9	41 900	51 400	80,0
84,0	37,1	115,2	37 600	37 600	39,0	117,5	41 300	43 500	41,8	120,5	38 200	50 900	84,0
88,0	32,8	109,3	35 200	35 200	34,9	112,0	37 800	40 600	37,9	115,6	34 700	49 500	88,0
92,0	27,9	102,2	33 100	33 100	30,4	105,6	34 500	38 100	33,7	109,9	31 600	45 000	92,0
96,0	22,0	93,3	31 600	31 600	25,0	97,7	31 400	35 900	29,0	103,1	28 700	40 800	96,0
100,0	13,7	80,2	26 800	26 800	18,2	87,2	28 600	31 300	23,3	94,7	26 000	36 900	100,0
104,0									15,9	82,9	23 400	30 700	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



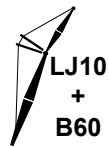
400 000 kg



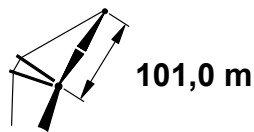
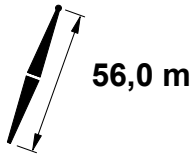
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0	63,9	141,8	50 900	50 900									60,0
62,0	62,5	140,8	50 900	50 900									62,0
64,0	61,2	139,7	50 900	50 900									64,0
66,0	59,8	138,5	50 800	50 900									66,0
68,0	58,4	137,3	49 300	50 900									68,0
72,0	55,4	134,6	44 500	50 900	58,8	136,1	38 500	46 600					72,0
76,0	52,4	131,6	40 300	50 900	55,9	133,5	34 600	46 600					76,0
80,0	49,3	128,2	36 400	50 900	52,9	130,5	31 100	46 600					80,0
84,0	46,0	124,5	33 000	50 700	49,8	127,3	27 900	46 600	53,3	129,0	22 900	42 500	84,0
88,0	42,5	120,3	29 800	50 600	46,5	123,6	24 900	46 600	50,2	125,7	20 200	42 500	88,0
92,0	38,7	115,4	26 900	50 100	43,0	119,4	22 300	46 600	46,9	122,1	17 800	42 500	92,0
96,0	34,6	109,9	24 200	46 000	39,3	114,7	19 800	46 600	43,5	118,0	15 500	42 500	96,0
100,0	29,9	103,4	21 700	41 800	35,3	109,3	17 500	46 400	39,8	113,4	13 400	42 500	100,0
104,0	24,5	95,3	19 400	37 800	30,7	103,0	15 400	42 700	35,8	108,1	11 500	42 500	104,0
108,0	17,5	84,4	17 200	34 000	25,5	95,2	13 400	38 700	31,3	101,8	9 700	41 700	108,0
112,0					18,8	85,0	11 500	34 900	26,2	94,3		39 100	112,0
116,0									19,8	84,5		35 600	116,0
120,0									9,8	68,4		31 700	120,0

MLC650 VPC-MAX S-3

ASME B30.5



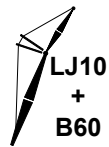
400 000 kg



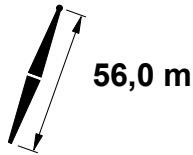
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,9	156,1	50 700	50 700									35,1
36,0	74,3	155,9	50 500	50 500									36,0
38,0	73,1	155,2	50 200	50 200									38,0
40,0	71,9	154,6	49 800	49 800									40,0
42,0	70,7	153,9	49 400	49 400	71,9	154,3	49 200	49 200					42,0
44,0	69,5	153,1	49 000	49 000	70,7	153,6	48 900	48 900					44,0
46,0	68,3	152,3	48 600	48 600	69,5	152,9	48 600	48 600					46,0
48,0	67,1	151,5	48 200	48 200	68,3	152,1	48 300	48 300					48,0
50,0	65,8	150,6	47 700	47 700	67,0	151,2	47 900	47 900	68,8	152,0	47 000	47 000	50,0
52,0	64,6	149,6	47 300	47 300	65,8	150,3	47 600	47 600	67,6	151,1	46 800	46 800	52,0
54,0	63,3	148,6	46 800	46 800	64,5	149,3	47 200	47 200	66,3	150,2	46 600	46 600	54,0
56,0	62,0	147,5	46 400	46 400	63,3	148,3	46 800	46 800	65,1	149,3	46 400	46 400	56,0
58,0	60,7	146,4	45 900	45 900	62,0	147,3	46 500	46 500	63,8	148,3	46 200	46 200	58,0
60,0	59,4	145,2	45 500	45 500	60,7	146,1	46 100	46 100	62,5	147,3	45 900	45 900	60,0
62,0	58,0	144,0	45 000	45 000	59,3	144,9	45 700	45 700	61,3	146,2	45 700	45 700	62,0
64,0	56,7	142,6	44 600	44 600	58,0	143,7	45 300	45 300	59,9	145,0	45 400	45 400	64,0
66,0	55,3	141,3	44 200	44 200	56,6	142,4	45 000	45 000	58,6	143,8	45 100	45 100	66,0
68,0	53,9	139,8	43 700	43 700	55,3	141,0	44 600	44 600	57,3	142,5	44 900	44 900	68,0
72,0	51,0	136,6	42 800	42 800	52,4	138,0	43 800	43 800	54,5	139,7	44 300	44 300	72,0
76,0	48,0	133,1	40 100	40 100	49,5	134,6	43 100	43 100	51,6	136,6	43 800	43 800	76,0
80,0	44,8	129,2	37 600	37 600	46,4	130,9	42 500	42 500	48,6	133,2	40 300	43 200	80,0
84,0	41,4	124,8	35 000	35 000	43,1	126,8	39 800	40 500	45,5	129,4	36 500	42 700	84,0
88,0	37,8	119,9	32 900	32 900	39,6	122,1	36 200	38 000	42,2	125,1	33 200	42 300	88,0
92,0	33,9	114,2	30 800	30 800	35,9	116,8	33 000	35 600	38,6	120,2	30 000	40 800	92,0
96,0	29,5	107,5	29 100	29 100	31,7	110,6	30 000	33 100	34,8	114,7	27 200	37 000	96,0
100,0	24,3	99,3	27 000	27 000	26,9	103,3	27 200	29 500	30,5	108,3	24 500	33 300	100,0
104,0	17,8	88,5	23 700	23 700	21,2	94,0	24 600	26 000	25,5	100,5	22 100	29 600	104,0
108,0	5,9	68,1	14 800	14 800	13,2	80,4	22 100	22 200	19,3	90,4	19 700	26 000	108,0
112,0									9,8	74,1	17 400	21 200	112,0
116,0													116,0
120,0													120,0
124,0													124,0

MLC650 VPC-MAX S-3

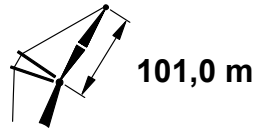
ASME B30.5



400 000 kg



56,0 m

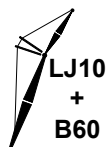


101,0 m

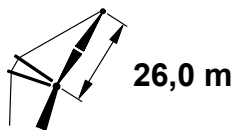
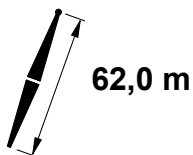
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0	64,3	147,6	42 900	42 900									62,0
64,0	63,0	146,5	42 900	42 900									64,0
66,0	61,8	145,5	42 900	42 900									66,0
68,0	60,4	144,3	42 900	42 900									68,0
72,0	57,8	141,8	42 500	42 900									72,0
76,0	55,0	139,1	38 500	42 700	58,2	140,7	32 700	39 100					76,0
80,0	52,2	136,1	34 700	42 500	55,5	138,0	29 200	39 100					80,0
84,0	49,2	132,7	31 200	42 300	52,7	135,0	26 000	39 100					84,0
88,0	46,1	129,0	28 100	42 100	49,7	131,7	23 200	39 100	53,0	133,5	18 400	35 400	88,0
92,0	42,8	124,8	25 200	42 000	46,6	128,1	20 500	39 100	50,1	130,2	15 900	35 400	92,0
96,0	39,3	120,1	22 600	41 800	43,4	123,9	18 100	39 100	47,0	126,6	13 700	35 400	96,0
100,0	35,5	114,7	20 100	39 300	39,9	119,3	15 800	39 100	43,8	122,5	11 600	35 400	100,0
104,0	31,3	108,5	17 900	35 500	36,2	114,1	13 700	39 100	40,3	118,0	9 700	35 400	104,0
108,0	26,5	101,0	15 700	31 700	32,0	108,0	11 800	37 000	36,6	112,8		35 400	108,0
112,0	20,6	91,5	13 700	28 000	27,3	100,7	10 000	33 300	32,6	106,8		35 400	112,0
116,0	12,2	77,2	11 700	24 400	21,7	91,7		29 500	28,0	99,8		34 300	116,0
120,0					14,0	78,6		26 100	22,5	91,0		30 700	120,0
124,0									15,1	78,7		27 300	124,0

MLC650 VPC-MAX S-3

ASME B30.5



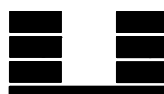
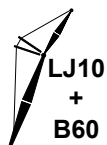
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	73,1	89,4	312 700 c	330 500 c									16,8
18,0	70,2	89,0	303 900 c	325 900 c									18,0
20,0	65,3	88,0	290 100 c	312 600 c	70,5	88,8	286 500 c	332 100 c					20,0
22,0	60,2	86,9	269 500 b	298 400 b	65,7	87,8	261 900 c	319 600 c					22,0
24,0	54,8	85,4	243 600	284 900	60,6	86,7	236 600 b	305 800 b					24,0
26,0	49,0	83,7	221 700	265 400	55,2	85,3	215 400 b	292 300 b	63,7	86,9	206 000 b	321 400 b	26,0
28,0	42,5	81,5	203 300	245 900	49,4	83,6	197 600	279 700	58,5	85,6	189 000 b	305 200 b	28,0
30,0	34,9	78,7	187 300	224 900	43,0	81,4	182 100	264 300	53,0	84,1	174 100	284 000	30,0
32,0	25,3	74,8	173 100	183 900	35,6	78,7	168 400	240 500	47,0	82,3	161 100	263 200	32,0
34,0					26,2	75,0	156 400	192 300	40,2	79,9	149 800	245 400	34,0
36,0									32,2	76,9	139 700	223 900	36,0
38,0									21,3	72,3	130 300	180 800	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0

MLC650 VPC-MAX S-3

ASME B30.5



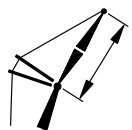
400 000 kg



360°



62,0 m

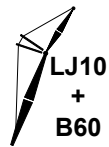


26,0 m

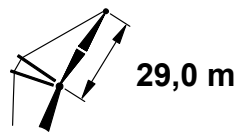
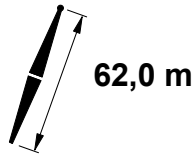
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	61,9	85,2	148 800 b	253 500 b									32,0
34,0	56,6	83,9	138 400 b	236 400 b									34,0
36,0	50,9	82,2	129 100	221 200									36,0
38,0	44,7	80,2	120 700	207 600									38,0
40,0	37,5	77,7	113 200	195 600	54,2	81,5	103 900	188 300					40,0
42,0	28,8	74,2	106 300	184 700	48,3	79,7	97 700	177 900					42,0
44,0	15,2	68,4	99 700	167 500	41,7	77,5	91 900	168 400					44,0
46,0					34,1	74,6	86 600	159 800	51,3	78,5	79 000	153 900	46,0
48,0					24,0	70,6	81 700	151 900	45,1	76,5	74 600	146 300	48,0
50,0									38,0	74,0	70 400	139 300	50,0
52,0									29,4	70,6	66 600	132 900	52,0

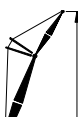
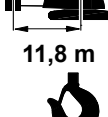
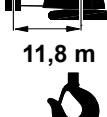
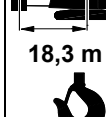
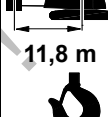
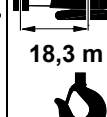
MLC650 VPC-MAX S-3

ASME B30.5



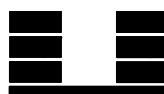
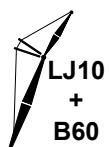
400 000 kg



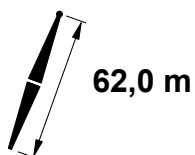
 85°					 83°					 80°						
 m		 m	 11,8 m kg	 18,3 m kg			 m	 11,8 m kg	 18,3 m kg			 m	 11,8 m kg	 18,3 m kg	 m	
16,8	74,9	92,6	303 500 c	303 500 c												16,8
18,0	72,3	92,2	297 200 c	302 600 c												18,0
20,0	68,1	91,3	284 800 c	299 000 c												20,0
22,0	63,6	90,3	267 900 b	288 300 b	68,4	91,2	260 600 b	304 200 b								22,0
24,0	59,0	89,1	242 600	274 800	64,0	90,2	235 500 b	295 700 b								24,0
26,0	54,1	87,7	220 800	255 800	59,4	89,0	214 300 b	283 300 b	66,7	90,2	204 600 b	306 400 b				26,0
28,0	48,9	85,9	202 500	236 800	54,5	87,5	196 600	271 400	62,2	89,2	187 700 b	298 200 b				28,0
30,0	43,1	83,8	186 600	219 700	49,3	85,8	181 200	255 900	57,5	87,9	173 000	282 100				30,0
32,0	36,6	81,1	172 600	205 100	43,6	83,7	167 600	237 600	52,5	86,3	160 000	261 900				32,0
34,0	28,6	77,7	160 400	186 200	37,1	81,1	155 800	221 800	47,1	84,5	148 800	244 200				34,0
36,0	17,2	72,3	139 300	143 300	29,3	77,7	145 300	195 200	41,1	82,2	138 800	228 500				36,0
38,0					18,4	72,6	135 500	153 100	34,2	79,4	129 700	214 400				38,0
40,0									25,6	75,5	121 500	186 600				40,0
42,0																42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0

MLC650 VPC-MAX S-3

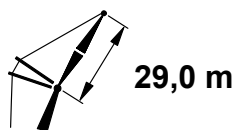
ASME B30.5



400 000 kg



62,0 m

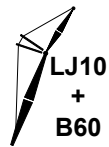


29,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	60,5	87,5	137 100	235 100									34,0
36,0	55,7	86,1	127 800	219 900									36,0
38,0	50,6	84,5	119 500	206 400									38,0
40,0	45,0	82,5	112 100	194 400	58,5	85,2	102 500	187 000					40,0
42,0	38,8	80,0	105 300	183 600	53,6	83,7	96 300	176 700					42,0
44,0	31,4	76,9	99 100	173 800	48,3	81,9	90 600	167 200					44,0
46,0	21,6	72,3	93 300	163 200	42,5	79,8	85 500	158 700	50,9	80,7	73 100	145 100	46,0
48,0					35,8	77,1	80 700	150 900	45,4	78,7	69 100	138 200	48,0
50,0					27,7	73,5	76 200	143 700	39,2	76,3	65 400	131 800	50,0
52,0									31,9	73,2	61 900	126 000	52,0
54,0									22,4	68,8	58 500	120 500	54,0
56,0													56,0

MLC650 VPC-MAX S-3

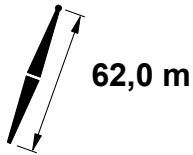
ASME B30.5



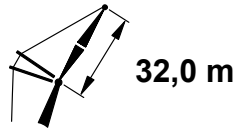
400 000 kg



360°



62,0 m

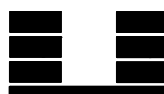
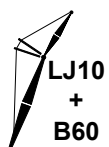


32,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,5	95,3	278 700 c	278 700 c									18,3
20,0	70,2	94,6	276 500 b	277 200 b									20,0
22,0	66,3	93,7	263 600 b	273 600 b	70,5	94,4	258 700 b	280 600 b					22,0
24,0	62,3	92,7	242 100 b	263 900 b	66,6	93,5	234 900 b	279 600 b					24,0
26,0	58,0	91,4	220 300	246 600	62,6	92,5	213 800 b	274 800 b	69,0	93,6	203 900 b	280 000 b	26,0
28,0	53,6	89,9	202 100	228 900	58,4	91,2	196 100	263 300	65,1	92,6	187 000 b	280 000 b	28,0
30,0	48,8	88,2	186 300	212 400	53,9	89,8	180 700	247 900	61,0	91,5	172 300	277 500	30,0
32,0	43,7	86,1	172 400	197 400	49,2	88,0	167 200	230 600	56,7	90,2	159 500	261 100	32,0
34,0	37,9	83,6	160 400	184 700	44,1	86,0	155 500	214 700	52,1	88,6	148 300	243 400	34,0
36,0	31,2	80,4	149 500	174 500	38,4	83,5	145 100	200 500	47,2	86,7	138 400	227 800	36,0
38,0	22,5	76,0	139 700	151 900	31,7	80,4	135 700	188 700	41,9	84,5	129 400	213 800	38,0
40,0					23,3	76,1	127 100	159 600	35,9	81,8	121 400	201 400	40,0
42,0									28,7	78,4	114 000	184 900	42,0
44,0									18,9	73,2	107 200	151 600	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0

MLC650 VPC-MAX S-3

ASME B30.5



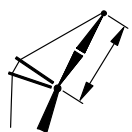
400 000 kg



360°



62,0 m

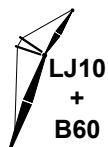


32,0 m

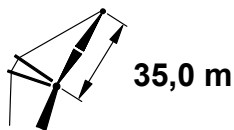
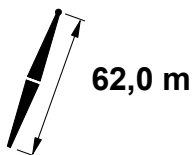
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	63,6	91,0	136 300	234 200									34,0
36,0	59,4	89,8	127 100	219 100									36,0
38,0	55,0	88,4	118 900	205 600									38,0
40,0	50,4	86,7	111 500	193 700									40,0
42,0	45,4	84,7	104 800	183 000	57,6	87,5	95 500	175 900					42,0
44,0	39,8	82,4	98 700	173 200	53,1	86,0	89 900	166 500					44,0
46,0	33,5	79,4	93 100	164 400	48,3	84,2	84 800	158 000					46,0
48,0	25,6	75,5	87 900	156 300	43,1	82,1	80 100	150 300	50,7	83,0	68 400	137 500	48,0
50,0	13,4	69,0	82 800	141 000	37,2	79,5	75 800	143 100	45,7	81,0	64 700	131 200	50,0
52,0					30,4	76,2	71 700	136 600	40,2	78,7	61 300	125 400	52,0
54,0					21,4	71,6	67 800	130 500	33,9	75,8	58 100	120 000	54,0
56,0									26,2	71,9	55 000	114 900	56,0
58,0													58,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



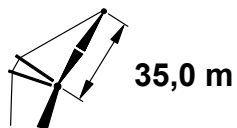
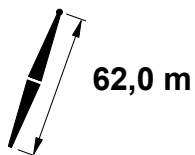
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	75,0	98,4	256 300 b	256 300 b									18,3
20,0	72,0	97,8	256 000 b	256 000 b									20,0
22,0	68,5	97,0	253 800 b	253 800 b									22,0
24,0	64,9	96,1	248 900	250 200	68,8	96,8	243 800 b	258 000 b					24,0
26,0	61,1	94,9	230 000	237 300	65,1	95,9	223 200	256 600					26,0
28,0	57,2	93,6	211 000	221 500	61,4	94,8	204 800	252 200	67,4	95,9	195 500	257 700	28,0
30,0	53,1	92,1	194 500	206 100	57,5	93,5	188 800	239 800	63,7	94,9	180 200	257 700	30,0
32,0	48,8	90,4	180 100	191 700	53,4	92,0	174 700	224 100	59,9	93,8	166 700	257 700	32,0
34,0	44,1	88,3	167 500	178 800	49,1	90,3	162 600	209 100	55,9	92,4	155 100	242 200	34,0
36,0	38,9	85,9	156 400	167 400	44,4	88,2	151 700	195 100	51,8	90,8	144 800	226 600	36,0
38,0	33,0	82,9	146 300	157 900	39,3	85,8	142 000	182 400	47,3	89,0	135 400	212 700	38,0
40,0	25,8	79,0	137 200	148 000	33,5	82,9	133 200	171 700	42,5	86,8	127 100	200 400	40,0
42,0	15,5	73,0	118 500	120 000	26,4	79,1	125 300	157 700	37,1	84,2	119 600	189 300	42,0
44,0					16,5	73,4	117 800	128 800	30,9	81,0	112 600	175 900	44,0
46,0									23,1	76,6	106 300	153 400	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

MLC650 VPC-MAX S-3

ASME B30.5



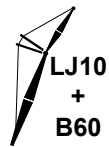
400 000 kg



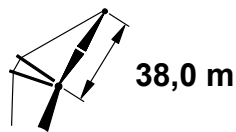
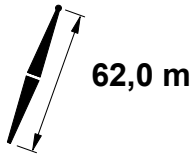
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	62,3	93,3	133 200	217 700									36,0
38,0	58,5	92,0	124 600	204 300									38,0
40,0	54,4	90,6	116 900	192 500									40,0
42,0	50,2	88,9	110 000	181 800									42,0
44,0	45,6	87,0	103 600	172 100	56,8	89,7	94 600	165 200					44,0
46,0	40,6	84,7	97 800	163 300	52,7	88,2	89 300	156 800					46,0
48,0	35,0	81,9	92 500	155 300	48,3	86,4	84 400	149 100					48,0
50,0	28,3	78,3	87 500	147 900	43,5	84,3	79 800	142 000					50,0
52,0	19,5	73,3	82 800	139 800	38,3	81,8	75 600	135 500	50,5	85,2	68 400	130 000	52,0
54,0					32,3	78,8	71 700	129 500	45,9	83,2	64 800	124 200	54,0
56,0					24,9	74,7	68 000	123 900	40,9	81,0	61 500	118 900	56,0
58,0									35,4	78,2	58 400	113 800	58,0
60,0									28,8	74,7	55 400	109 200	60,0
62,0									20,1	69,8	52 500	104 800	62,0

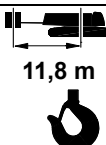
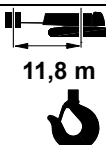
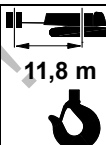
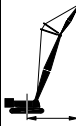
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



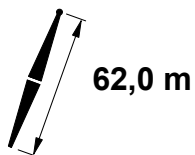
 85°					 83°				 80°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
19,8	73,8	101,1	237 100 b	237 100 b									19,8
20,0	73,5	101,0	237 100 b	237 100 b									20,0
22,0	70,3	100,3	236 100 b	236 100 b									22,0
24,0	67,0	99,4	233 900	233 900	70,5	100,1	238 000 b	238 000 b					24,0
26,0	63,6	98,4	228 200	228 300	67,3	99,2	223 300	238 000					26,0
28,0	60,2	97,3	211 200	214 300	63,9	98,2	204 900	236 700					28,0
30,0	56,5	95,9	194 700	200 400	60,4	97,1	188 900	230 700	66,0	98,3	180 200	238 200	30,0
32,0	52,7	94,4	180 300	187 000	56,8	95,8	174 900	217 900	62,5	97,3	166 800	238 200	32,0
34,0	48,7	92,6	167 800	174 500	53,0	94,3	162 800	204 100	59,0	96,1	155 200	236 700	34,0
36,0	44,4	90,6	156 700	163 100	49,0	92,5	152 000	190 900	55,4	94,7	144 900	226 400	36,0
38,0	39,8	88,2	146 700	152 900	44,8	90,5	142 300	178 400	51,5	93,1	135 600	212 500	38,0
40,0	34,5	85,4	137 800	144 400	40,1	88,2	133 600	167 200	47,4	91,2	127 400	200 200	40,0
42,0	28,4	81,8	129 600	137 700	34,9	85,4	125 800	157 500	43,0	89,1	119 900	189 200	42,0
44,0	20,4	77,0	122 100	126 600	28,9	81,9	118 500	149 500	38,2	86,6	113 000	178 200	44,0
46,0					21,2	77,2	111 900	133 000	32,7	83,6	106 800	165 400	46,0
48,0									26,1	79,7	101 000	149 200	48,0
50,0									17,1	74,1	95 500	128 000	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

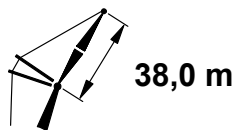
ASME B30.5



400 000 kg



62,0 m

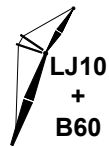


38,0 m

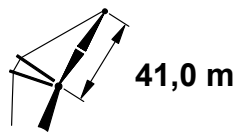
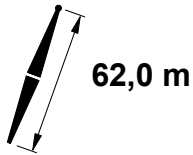
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	61,3	95,6	124 700	204 100									38,0
40,0	57,7	94,3	117 000	192 300									40,0
42,0	54,0	92,9	110 100	181 700									42,0
44,0	50,0	91,2	103 800	172 000									44,0
46,0	45,8	89,2	98 000	163 300	56,1	92,0	89 300	156 700					46,0
48,0	41,3	87,0	92 700	155 300	52,3	90,5	84 500	149 000					48,0
50,0	36,3	84,3	87 800	148 000	48,3	88,7	80 000	142 000					50,0
52,0	30,5	81,0	83 300	141 200	44,0	86,6	75 800	135 500	54,2	89,1	68 400	129 900	52,0
54,0	23,3	76,7	79 000	135 000	39,2	84,2	72 000	129 500	50,3	87,4	64 900	124 200	54,0
56,0	12,1	69,6	74 800	120 400	33,9	81,3	68 400	123 900	46,1	85,5	61 600	118 800	56,0
58,0					27,6	77,6	64 900	118 800	41,6	83,3	58 600	113 900	58,0
60,0					19,4	72,6	61 700	113 900	36,6	80,6	55 700	109 300	60,0
62,0									30,9	77,4	52 900	104 900	62,0
64,0									23,8	73,2	50 300	100 800	64,0

MLC650 VPC-MAX S-3

ASME B30.5



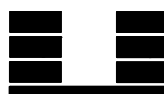
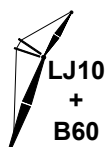
400 000 kg



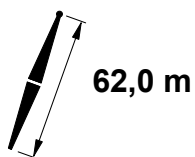
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,8	103,7	218 700 b	218 700 b									21,3
22,0	71,8	103,5	218 400 b	218 400 b									22,0
24,0	68,8	102,7	217 300	217 300									24,0
26,0	65,7	101,8	214 700	214 700	69,0	102,5	218 900	219 600					26,0
28,0	62,6	100,7	206 300	206 300	66,0	101,6	203 700	219 300					28,0
30,0	59,3	99,5	193 300	194 100	62,8	100,5	187 700	217 900	67,8	101,6	178 900	217 500	30,0
32,0	55,9	98,2	179 300	181 900	59,6	99,4	173 800	210 600	64,7	100,7	165 600	217 500	32,0
34,0	52,4	96,6	166 800	170 200	56,2	98,0	161 700	198 400	61,5	99,6	154 000	217 500	34,0
36,0	48,7	94,9	155 800	159 200	52,7	96,5	150 900	186 300	58,3	98,3	143 700	217 500	36,0
38,0	44,7	92,8	145 800	149 100	49,0	94,7	141 200	174 600	54,8	96,9	134 500	211 100	38,0
40,0	40,4	90,5	136 900	140 100	45,0	92,7	132 600	163 700	51,2	95,3	126 200	199 100	40,0
42,0	35,7	87,8	128 900	132 300	40,8	90,4	124 800	153 700	47,4	93,5	118 800	188 100	42,0
44,0	30,3	84,5	121 500	125 900	36,1	87,7	117 700	144 800	43,4	91,3	112 000	178 100	44,0
46,0	23,7	80,2	114 700	120 300	30,7	84,5	111 200	137 400	39,0	88,9	105 800	166 300	46,0
48,0	14,1	73,7	100 300	101 700	24,3	80,3	105 100	128 400	34,1	86,0	100 100	155 100	48,0
50,0					15,1	74,1	99 400	108 900	28,4	82,4	94 800	142 400	50,0
52,0									21,2	77,7	89 800	126 200	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

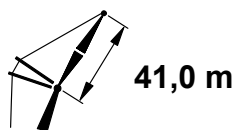
ASME B30.5



400 000 kg



62,0 m

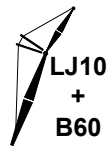


41,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,4	97,9	115 600	191 100									40,0
42,0	57,0	96,6	108 800	180 500									42,0
44,0	53,5	95,1	102 500	170 900									44,0
46,0	49,9	93,4	96 800	162 200	59,0	95,6	87 900	155 400					46,0
48,0	46,0	91,5	91 500	154 200	55,6	94,2	83 100	147 800					48,0
50,0	41,8	89,2	86 700	146 900	52,0	92,7	78 600	140 800					50,0
52,0	37,3	86,7	82 200	140 200	48,3	90,9	74 500	134 300					52,0
54,0	32,1	83,6	78 000	134 000	44,3	88,8	70 700	128 400	53,8	91,3	63 500	123 000	54,0
56,0	26,0	79,7	74 100	128 300	39,9	86,5	67 100	122 900	50,1	89,6	60 200	117 700	56,0
58,0	17,8	74,2	70 300	122 100	35,2	83,7	63 800	117 800	46,3	87,7	57 200	112 700	58,0
60,0					29,6	80,3	60 700	113 000	42,1	85,5	54 300	108 200	60,0
62,0					22,9	75,9	57 700	108 500	37,6	83,0	51 700	103 900	62,0
64,0					12,6	68,9	54 700	104 200	32,5	79,9	49 100	99 800	64,0
66,0									26,4	76,1	46 700	96 000	66,0
68,0									18,4	70,7	44 300	92 400	68,0

MLC650 VPC-MAX S-3

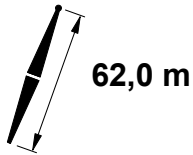
ASME B30.5



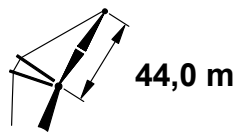
400 000 kg



360°



62,0 m



44,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,0	106,9	202 200 b	202 200 b									21,3
22,0	73,1	106,7	202 200 b	202 200 b									22,0
24,0	70,3	106,0	201 800	201 800									24,0
26,0	67,5	105,1	200 400	200 400	70,5	105,7	202 100	202 100					26,0
28,0	64,6	104,1	196 600	196 600	67,7	104,9	202 100	202 100					28,0
30,0	61,7	103,1	187 100	187 100	64,8	104,0	195 400	202 100					30,0
32,0	58,6	101,8	176 300	176 300	61,9	102,9	181 500	201 200	66,6	104,0	173 200	200 900	32,0
34,0	55,4	100,4	165 600	165 600	58,8	101,7	168 900	191 900	63,7	103,0	161 200	200 900	34,0
36,0	52,1	98,9	155 300	155 300	55,7	100,3	157 700	181 200	60,7	101,9	150 400	200 900	36,0
38,0	48,7	97,1	145 600	145 600	52,4	98,7	147 700	170 500	57,6	100,6	140 800	200 900	38,0
40,0	45,0	95,1	136 700	136 700	48,9	97,0	138 700	160 200	54,4	99,2	132 200	198 200	40,0
42,0	41,0	92,8	128 700	128 700	45,3	95,0	130 600	150 500	51,0	97,5	124 400	187 300	42,0
44,0	36,7	90,2	121 600	121 600	41,4	92,8	123 200	141 600	47,5	95,7	117 400	177 200	44,0
46,0	31,9	87,1	115 700	115 700	37,1	90,2	116 500	133 600	43,8	93,6	110 900	166 500	46,0
48,0	26,2	83,2	111 200	111 200	32,3	87,1	110 300	126 700	39,7	91,3	105 000	155 300	48,0
50,0	18,9	77,9	105 500	105 500	26,7	83,3	104 500	121 100	35,3	88,5	99 600	145 300	50,0
52,0					19,5	78,1	99 100	109 900	30,2	85,1	94 500	135 800	52,0
54,0									24,1	80,9	89 800	122 000	54,0
56,0									15,8	74,8	85 300	106 300	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



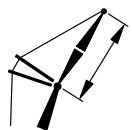
400 000 kg



360°



62,0 m

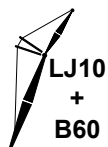


44,0 m

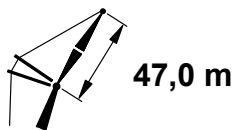
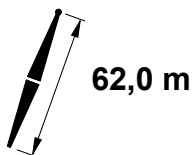
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,6	101,4	121 500	190 200									40,0
42,0	59,6	100,2	114 300	179 600									42,0
44,0	56,5	98,8	107 700	170 000									44,0
46,0	53,2	97,3	101 800	161 300									46,0
48,0	49,8	95,7	96 300	153 400	58,3	97,9	87 700	147 000					48,0
50,0	46,2	93,7	91 300	146 200	55,1	96,5	83 000	140 000					50,0
52,0	42,3	91,6	86 600	139 500	51,8	94,9	78 800	133 500					52,0
54,0	38,2	89,0	82 300	133 300	48,3	93,2	74 800	127 600					54,0
56,0	33,5	86,1	78 300	127 600	44,6	91,1	71 100	122 100					56,0
58,0	28,2	82,5	74 500	122 300	40,6	88,8	67 600	117 000	50,0	91,9	60 800	111 900	58,0
60,0	21,5	77,8	70 900	117 000	36,2	86,1	64 400	112 300	46,4	90,0	57 900	107 400	60,0
62,0	11,2	70,1	67 200	102 600	31,3	82,9	61 300	107 800	42,6	87,8	55 100	103 100	62,0
64,0					25,5	79,0	58 400	103 700	38,4	85,3	52 500	99 100	64,0
66,0					17,9	73,4	55 600	99 700	33,8	82,4	50 000	95 400	66,0
68,0									28,5	78,9	47 600	91 800	68,0

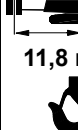
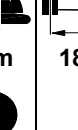
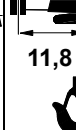
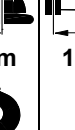
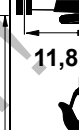
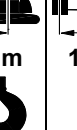
MLC650 VPC-MAX S-3

ASME B30.5



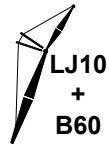
400 000 kg



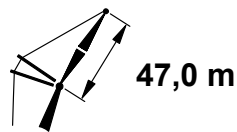
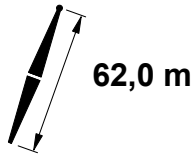
 85°					 83°				 80°				
 m		 m	 kg	 kg		 m	 kg	 kg		 m	 kg	 kg	 m
22,9	73,1	109,5	187 300	187 300									22,9
24,0	71,6	109,1	187 200	187 200									24,0
26,0	69,0	108,4	186 500	186 500	71,8	108,9	187 600	187 600					26,0
28,0	66,4	107,5	184 800	184 800	69,2	108,2	187 600	187 600					28,0
30,0	63,6	106,5	179 600	179 600	66,6	107,3	187 600	187 600					30,0
32,0	60,8	105,3	170 300	170 300	63,8	106,3	180 400	187 300	68,2	107,3	171 900	185 800	32,0
34,0	57,9	104,1	160 600	160 600	61,1	105,2	167 800	184 400	65,5	106,4	159 900	185 800	34,0
36,0	55,0	102,7	151 200	151 200	58,2	103,9	156 600	175 500	62,8	105,3	149 200	185 800	36,0
38,0	51,9	101,1	142 100	142 100	55,2	102,5	146 600	165 900	59,9	104,2	139 600	185 800	38,0
40,0	48,6	99,3	133 700	133 700	52,1	101,0	137 700	156 500	57,0	102,9	131 000	185 800	40,0
42,0	45,2	97,3	125 800	125 800	48,9	99,2	129 600	147 400	54,0	101,4	123 300	182 300	42,0
44,0	41,5	95,1	118 600	118 600	45,5	97,2	122 200	138 700	50,9	99,8	116 200	173 200	44,0
46,0	37,5	92,5	112 200	112 200	41,8	95,0	115 500	130 800	47,5	97,9	109 800	163 800	46,0
48,0	33,2	89,5	106 800	106 800	37,9	92,5	109 400	123 600	44,0	95,9	104 000	154 600	48,0
50,0	28,1	85,9	102 300	102 300	33,5	89,5	103 700	117 200	40,3	93,5	98 500	145 100	50,0
52,0	22,0	81,3	98 900	98 900	28,5	86,0	98 400	111 900	36,2	90,8	93 500	136 100	52,0
54,0	13,1	74,3	85 800	85 800	22,5	81,5	93 500	105 600	31,6	87,7	88 900	127 700	54,0
56,0					14,0	74,8	88 800	92 200	26,3	83,8	84 500	117 100	56,0
58,0									19,6	78,7	80 400	104 400	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

ASME B30.5



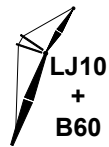
400 000 kg



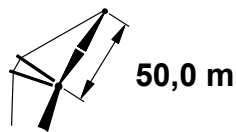
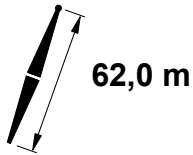
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	61,7	103,7	112 900	176 700									42,0
44,0	58,9	102,5	106 400	168 800									44,0
46,0	55,9	101,1	100 500	160 200									46,0
48,0	52,9	99,6	95 000	152 300									48,0
50,0	49,7	97,9	90 000	145 100	57,6	100,2	81 600	138 800					50,0
52,0	46,3	96,0	85 400	138 400	54,6	98,8	77 400	132 400					52,0
54,0	42,7	93,8	81 100	132 300	51,5	97,2	73 400	126 500					54,0
56,0	38,9	91,4	77 100	126 600	48,3	95,4	69 800	121 000					56,0
58,0	34,6	88,5	73 400	121 300	44,8	93,4	66 300	116 000	53,1	95,8	59 400	110 800	58,0
60,0	29,8	85,1	69 900	116 400	41,1	91,1	63 100	111 300	49,9	94,1	56 500	106 200	60,0
62,0	24,1	80,9	66 600	111 800	37,1	88,5	60 100	106 800	46,5	92,2	53 700	102 000	62,0
64,0	16,5	75,0	63 300	103 900	32,7	85,4	57 300	102 700	43,0	90,1	51 100	98 000	64,0
66,0					27,5	81,7	54 600	98 800	39,1	87,6	48 700	94 300	66,0
68,0					21,2	77,0	52 000	95 100	34,9	84,8	46 400	90 800	68,0
72,0									24,5	77,3	42 000	84 400	72,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



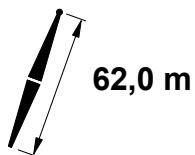
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,2	112,7	173 000	173 000									22,9
24,0	72,8	112,3	173 000	173 000									24,0
26,0	70,3	111,6	172 700	172 700									26,0
28,0	67,9	110,8	171 600	171 600	70,5	111,4	173 000	173 000					28,0
30,0	65,3	109,8	170 000	170 000	68,1	110,6	173 000	173 000					30,0
32,0	62,8	108,8	164 300	164 300	65,5	109,6	173 000	173 000	69,6	110,6	169 800	169 800	32,0
34,0	60,1	107,6	155 800	155 800	63,0	108,6	167 500	172 400	67,1	109,7	159 500	169 800	34,0
36,0	57,4	106,3	147 300	147 300	60,3	107,5	156 400	169 000	64,5	108,7	148 800	169 800	36,0
38,0	54,6	104,9	138 900	138 900	57,6	106,2	146 300	161 200	61,9	107,6	139 200	169 800	38,0
40,0	51,6	103,3	130 900	130 900	54,8	104,8	137 400	152 700	59,2	106,4	130 700	169 800	40,0
42,0	48,6	101,5	123 300	123 300	51,9	103,2	129 400	144 300	56,5	105,1	123 000	169 800	42,0
44,0	45,4	99,6	116 200	116 200	48,8	101,4	122 000	136 200	53,6	103,6	116 000	168 200	44,0
46,0	41,9	97,4	109 700	109 700	45,6	99,5	115 300	128 500	50,7	102,0	109 600	160 400	46,0
48,0	38,3	94,9	103 900	103 900	42,2	97,3	109 200	121 300	47,6	100,2	103 700	152 000	48,0
50,0	34,2	92,0	98 800	98 800	38,6	94,8	103 600	114 700	44,3	98,1	98 300	143 800	50,0
52,0	29,7	88,6	94 600	94 600	34,6	91,9	98 400	108 800	40,8	95,8	93 400	136 000	52,0
54,0	24,4	84,4	91 400	91 400	30,1	88,6	93 500	103 800	37,0	93,2	88 800	128 500	54,0
56,0	17,5	78,7	87 700	87 700	24,8	84,5	89 000	99 700	32,9	90,2	84 400	121 200	56,0
58,0					18,1	79,0	84 700	92 100	28,1	86,5	80 400	112 900	58,0
60,0									22,4	82,0	76 600	101 900	60,0
62,0									14,6	75,4	72 900	89 300	62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

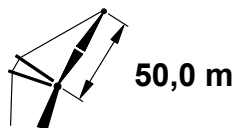
ASME B30.5



400 000 kg



62,0 m

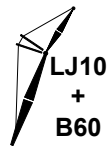


50,0 m

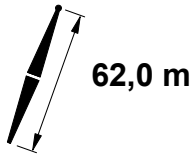
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	63,6	107,1	112 500	161 500									42,0
44,0	61,0	106,0	106 000	161 500									44,0
46,0	58,3	104,7	100 100	159 800									46,0
48,0	55,5	103,3	94 700	151 900									48,0
50,0	52,6	101,8	89 700	144 700									50,0
52,0	49,6	100,1	85 100	138 100	57,1	102,4	77 000	132 000					52,0
54,0	46,4	98,2	80 800	132 000	54,3	101,0	73 000	126 100					54,0
56,0	43,1	96,1	76 900	126 300	51,3	99,4	69 400	120 700					56,0
58,0	39,5	93,6	73 200	121 000	48,2	97,6	66 000	115 600					58,0
60,0	35,6	90,9	69 700	116 100	45,0	95,6	62 800	110 900	52,8	98,0	56 100	105 800	60,0
62,0	31,2	87,7	66 500	111 500	41,6	93,4	59 800	106 500	49,8	96,3	53 300	101 600	62,0
64,0	26,2	83,8	63 400	107 200	37,9	90,8	57 000	102 400	46,6	94,4	50 800	97 700	64,0
66,0	20,0	78,7	60 400	101 500	33,8	87,9	54 400	98 500	43,3	92,3	48 300	94 000	66,0
68,0					29,2	84,4	51 800	94 900	39,7	89,9	46 100	90 500	68,0
72,0					16,6	74,2	47 000	88 200	31,5	84,0	41 800	84 100	72,0
76,0									20,4	75,2	37 900	78 300	76,0

MLC650 VPC-MAX S-3

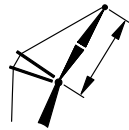
ASME B30.5



400 000 kg



62,0 m

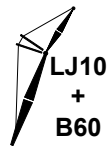


53,0 m

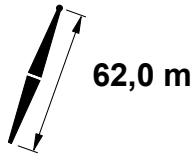
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,4	115,4	160 600	160 600									24,4
26,0	71,5	114,8	160 400	160 400									26,0
28,0	69,2	114,0	159 700	159 700	71,7	114,6	160 200	160 200					28,0
30,0	66,8	113,2	158 600	158 600	69,4	113,8	160 200	160 200					30,0
32,0	64,4	112,2	157 200	157 200	67,0	113,0	160 200	160 200					32,0
34,0	62,0	111,1	150 200	150 200	64,6	112,0	160 100	160 100	68,5	113,0	155 800	157 400	34,0
36,0	59,5	109,9	142 700	142 700	62,2	110,9	155 100	159 500	66,1	112,1	147 600	157 400	36,0
38,0	56,9	108,6	135 100	135 100	59,7	109,8	145 200	155 700	63,7	111,1	138 000	157 400	38,0
40,0	54,2	107,2	127 700	127 700	57,1	108,5	136 300	148 300	61,2	110,0	129 500	157 400	40,0
42,0	51,5	105,6	120 600	120 600	54,4	107,0	128 300	140 700	58,7	108,7	121 800	157 400	42,0
44,0	48,6	103,8	113 800	113 800	51,7	105,4	120 900	133 200	56,1	107,4	114 800	157 400	44,0
46,0	45,5	101,8	107 500	107 500	48,8	103,7	114 300	126 000	53,4	105,9	108 400	156 200	46,0
48,0	42,3	99,7	101 800	101 800	45,8	101,7	108 200	119 100	50,6	104,2	102 600	148 700	48,0
50,0	38,9	97,2	96 500	96 500	42,6	99,6	102 600	112 700	47,6	102,4	97 200	141 200	50,0
52,0	35,2	94,4	91 800	91 800	39,2	97,2	97 400	106 700	44,6	100,4	92 300	133 900	52,0
54,0	31,1	91,2	87 900	87 900	35,5	94,4	92 600	101 400	41,3	98,1	87 700	126 800	54,0
56,0	26,4	87,3	84 600	84 600	31,4	91,2	88 100	96 600	37,8	95,6	83 400	120 200	56,0
58,0	20,6	82,4	82 300	82 300	26,8	87,4	83 900	92 700	34,0	92,7	79 400	114 000	58,0
60,0					21,1	82,5	79 900	88 300	29,7	89,2	75 700	107 200	60,0
62,0					13,1	75,4	75 600	77 600	24,7	85,1	72 200	98 100	62,0
64,0									18,4	79,6	68 800	88 000	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

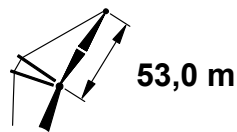
ASME B30.5



400 000 kg



62,0 m

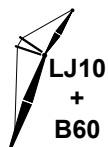


53,0 m

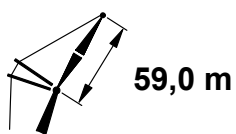
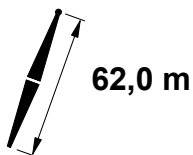
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	62,8	109,4	104 700	149 100									44,0
46,0	60,3	108,3	98 800	149 100									46,0
48,0	57,7	107,0	93 400	148 500									48,0
50,0	55,1	105,6	88 400	143 600									50,0
52,0	52,4	104,1	83 800	137 000	59,2	106,0	75 600	130 800					52,0
54,0	49,5	102,3	79 600	130 900	56,6	104,7	71 700	125 000					54,0
56,0	46,5	100,5	75 700	125 300	53,9	103,2	68 000	119 500					56,0
58,0	43,4	98,3	72 000	120 000	51,2	101,6	64 700	114 500					58,0
60,0	40,0	96,0	68 600	115 100	48,3	99,8	61 500	109 800					60,0
62,0	36,4	93,3	65 300	110 600	45,2	97,9	58 600	105 500	52,5	100,3	51 900	100 500	62,0
64,0	32,5	90,2	62 300	106 300	42,0	95,7	55 800	101 300	49,7	98,6	49 400	96 600	64,0
66,0	28,0	86,6	59 400	102 300	38,5	93,2	53 200	97 500	46,7	96,7	47 000	92 900	66,0
68,0	22,6	82,1	56 700	97 400	34,8	90,3	50 700	93 900	43,6	94,6	44 700	89 400	68,0
72,0					25,8	83,1	46 100	87 300	36,7	89,6	40 500	83 100	72,0
76,0					10,9	69,9	41 700	81 200	28,3	83,0	36 700	77 400	76,0
80,0									16,0	72,4	33 100	72 200	80,0

MLC650 VPC-MAX S-3

ASME B30.5



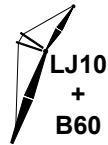
400 000 kg



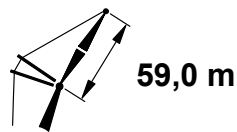
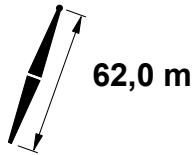
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,6	121,2	138 100	138 100									25,9
26,0	73,5	121,1	138 100	138 100									26,0
28,0	71,4	120,5	137 900	137 900									28,0
30,0	69,3	119,7	137 300	137 300	71,6	120,3	137 100	137 100					30,0
32,0	67,2	118,8	136 600	136 600	69,5	119,5	137 100	137 100					32,0
34,0	65,1	117,9	135 600	135 600	67,4	118,7	137 100	137 100					34,0
36,0	62,9	116,9	132 600	132 600	65,2	117,7	137 100	137 100	68,7	118,6	134 000	134 000	36,0
38,0	60,7	115,7	126 800	126 800	63,1	116,7	137 100	137 100	66,6	117,8	134 000	134 000	38,0
40,0	58,4	114,5	120 700	120 700	60,8	115,6	134 900	136 200	64,4	116,8	127 900	134 000	40,0
42,0	56,0	113,1	114 700	114 700	58,6	114,3	126 900	132 400	62,2	115,7	120 200	134 000	42,0
44,0	53,6	111,7	108 800	108 800	56,2	113,0	119 600	126 400	59,9	114,6	113 200	134 000	44,0
46,0	51,1	110,1	103 200	103 200	53,8	111,5	112 900	120 400	57,6	113,3	106 900	134 000	46,0
48,0	48,5	108,3	97 800	97 800	51,3	109,9	106 900	114 400	55,3	111,9	101 100	134 000	48,0
50,0	45,8	106,3	92 700	92 700	48,7	108,2	101 300	108 600	52,8	110,4	95 800	133 700	50,0
52,0	43,0	104,2	88 000	88 000	46,0	106,2	96 100	103 100	50,3	108,7	90 900	128 500	52,0
54,0	40,0	101,8	83 700	83 700	43,2	104,1	91 400	97 800	47,7	106,9	86 300	122 500	54,0
56,0	36,8	99,2	79 800	79 800	40,2	101,8	86 900	92 900	44,9	104,9	82 100	116 600	56,0
58,0	33,3	96,2	76 300	76 300	37,0	99,1	82 800	88 400	42,1	102,7	78 100	110 900	58,0
60,0	29,4	92,7	73 400	73 400	33,5	96,2	79 000	84 400	39,0	100,2	74 500	105 400	60,0
62,0	24,9	88,6	71 000	71 000	29,7	92,8	75 300	80 800	35,7	97,5	71 000	100 300	62,0
64,0	19,5	83,4	69 500	69 500	25,3	88,7	71 900	77 900	32,1	94,4	67 800	95 600	64,0
66,0					19,9	83,6	68 600	74 600	28,0	90,7	64 700	90 600	66,0
68,0					12,4	76,0	64 100	65 700	23,3	86,3	61 800	82 900	68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



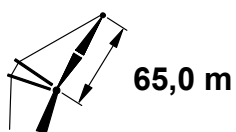
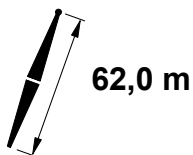
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,6	115,2	97 000	126 900									46,0
48,0	61,4	114,1	91 600	126 900									48,0
50,0	59,1	112,9	86 700	126 900									50,0
52,0	56,8	111,5	82 200	126 900									52,0
54,0	54,4	110,1	78 000	126 900									54,0
56,0	51,9	108,5	74 100	123 800	58,1	110,6	66 200	117 000					56,0
58,0	49,4	106,8	70 400	118 600	55,8	109,2	62 900	113 000					58,0
60,0	46,7	104,9	67 000	113 800	53,4	107,7	59 800	108 300					60,0
62,0	43,9	102,9	63 900	109 300	50,9	106,1	56 800	104 000					62,0
64,0	41,0	100,6	60 900	105 000	48,3	104,3	54 100	99 900	54,5	106,3	47 500	95 000	64,0
66,0	37,8	98,0	58 100	101 000	45,5	102,4	51 500	96 100	52,1	104,8	45 200	91 400	66,0
68,0	34,4	95,1	55 400	97 300	42,7	100,2	49 100	92 500	49,5	103,1	42 900	87 900	68,0
72,0	26,4	88,0	50 500	90 000	36,4	95,1	44 600	86 000	44,1	99,1	38 800	81 700	72,0
76,0	14,6	76,5	45 900	74 600	28,9	88,6	40 600	80 100	38,0	94,3	35 200	76 000	76,0
80,0					18,8	78,9	36 800	74 800	30,9	88,2	31 800	71 000	80,0
84,0									21,7	79,6	28 700	66 400	84,0

MLC650 VPC-MAX S-3

ASME B30.5



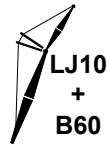
400 000 kg



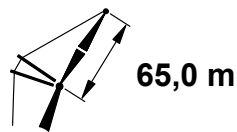
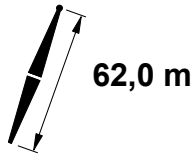
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,7	127,0	118 500	118 500									27,4
28,0	73,2	126,8	118 400	118 400									28,0
30,0	71,3	126,1	118 200	118 200									30,0
32,0	69,5	125,4	117 800	117 800	71,5	125,9	117 600	117 600					32,0
34,0	67,5	124,5	117 200	117 200	69,6	125,2	117 600	117 600					34,0
36,0	65,6	123,6	116 700	116 700	67,7	124,3	117 600	117 600					36,0
38,0	63,6	122,6	116 100	116 100	65,8	123,4	117 600	117 600					38,0
40,0	61,6	121,5	112 500	112 500	63,8	122,4	117 400	117 400	66,9	123,5	115 300	115 300	40,0
42,0	59,6	120,3	107 800	107 800	61,8	121,3	117 000	117 000	65,0	122,5	115 300	115 300	42,0
44,0	57,5	119,1	103 000	103 000	59,7	120,2	116 400	116 400	63,0	121,5	111 600	115 300	44,0
46,0	55,3	117,7	98 300	98 300	57,6	118,9	111 500	113 200	61,0	120,4	105 400	115 300	46,0
48,0	53,1	116,2	93 600	93 600	55,5	117,5	105 500	108 400	58,9	119,2	99 600	115 300	48,0
50,0	50,9	114,5	89 100	89 100	53,3	116,0	99 900	103 700	56,8	117,8	94 300	115 300	50,0
52,0	48,5	112,8	84 800	84 800	51,0	114,4	94 800	98 900	54,6	116,4	89 400	115 300	52,0
54,0	46,1	110,8	80 700	80 700	48,7	112,6	90 100	94 300	52,4	114,9	84 900	114 800	54,0
56,0	43,5	108,7	76 800	76 800	46,3	110,7	85 700	89 900	50,1	113,2	80 700	111 600	56,0
58,0	40,8	106,4	73 200	73 200	43,7	108,6	81 600	85 600	47,7	111,4	76 700	106 800	58,0
60,0	38,0	103,9	69 900	69 900	41,0	106,4	77 700	81 600	45,3	109,4	73 100	102 100	60,0
62,0	34,9	101,1	67 000	67 000	38,2	103,8	74 100	77 800	42,7	107,2	69 700	97 500	62,0
64,0	31,6	97,9	64 300	64 300	35,2	101,0	70 800	74 300	39,9	104,9	66 500	93 000	64,0
66,0	27,9	94,2	62 100	62 100	31,9	97,9	67 600	71 300	37,0	102,2	63 400	88 800	66,0
68,0	23,7	89,8	60 300	60 300	28,2	94,2	64 600	68 500	33,9	99,3	60 600	84 800	68,0
72,0					18,9	84,5	59 000	63 700	26,6	92,1	55 300	77 000	72,0
76,0									16,5	81,3	50 500	63 400	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0

MLC650 VPC-MAX S-3

ASME B30.5



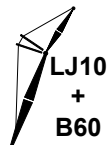
400 000 kg



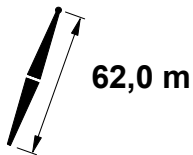
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	62,3	119,8	85 000	109 000									50,0
52,0	60,2	118,7	80 500	109 000									52,0
54,0	58,2	117,4	76 300	109 000									54,0
56,0	56,0	116,1	72 400	109 000									56,0
58,0	53,8	114,6	68 800	109 000	59,4	116,4	61 100	100 600					58,0
60,0	51,6	113,0	65 500	109 000	57,3	115,2	58 000	100 600					60,0
62,0	49,3	111,3	62 300	107 500	55,1	113,8	55 100	100 600					62,0
64,0	46,9	109,4	59 300	103 700	52,9	112,2	52 400	98 500					64,0
66,0	44,3	107,4	56 600	99 700	50,6	110,6	49 800	94 700					66,0
68,0	41,7	105,1	54 000	96 000	48,3	108,8	47 400	91 200					68,0
72,0	35,9	100,0	49 100	89 100	43,2	104,7	43 000	84 600	49,4	107,5	37 100	80 200	72,0
76,0	29,1	93,4	44 800	81 100	37,7	99,8	39 100	78 800	44,5	103,6	33 400	74 600	76,0
80,0	20,3	84,2	40 800	71 200	31,2	93,7	35 400	73 600	39,1	99,0	30 200	69 600	80,0
84,0					23,2	85,5	32 100	68 800	32,9	93,2	27 200	65 100	84,0
88,0					9,8	70,9	28 800	61 800	25,4	85,7	24 400	61 000	88,0
92,0									14,4	73,9	21 700	57 100	92,0

MLC650 VPC-MAX S-3

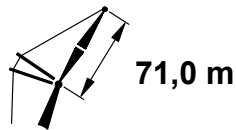
ASME B30.5



400 000 kg



62,0 m

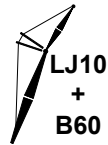


71,0 m

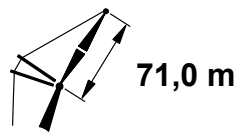
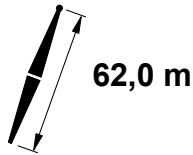
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,9	132,8	101 900	101 900									29,0
30,0	73,0	132,4	101 800	101 800									30,0
32,0	71,3	131,8	101 600	101 600									32,0
34,0	69,5	131,0	101 200	101 200	71,4	131,5	100 900	100 900					34,0
36,0	67,8	130,2	100 800	100 800	69,7	130,8	100 900	100 900					36,0
38,0	66,0	129,3	100 200	100 200	67,9	130,0	100 900	100 900					38,0
40,0	64,2	128,3	99 600	99 600	66,2	129,1	100 800	100 800	69,0	129,9	98 100	98 100	40,0
42,0	62,4	127,2	98 900	98 900	64,4	128,1	100 500	100 500	67,2	129,1	98 100	98 100	42,0
44,0	60,5	126,1	96 400	96 400	62,5	127,1	100 200	100 200	65,5	128,2	98 100	98 100	44,0
46,0	58,6	124,9	92 600	92 600	60,7	125,9	99 700	99 700	63,6	127,2	98 100	98 100	46,0
48,0	56,7	123,6	88 800	88 800	58,8	124,7	99 200	99 200	61,8	126,1	97 300	98 100	48,0
50,0	54,7	122,1	85 000	85 000	56,9	123,4	97 600	97 600	59,9	124,9	93 200	98 100	50,0
52,0	52,7	120,6	81 300	81 300	54,9	122,0	93 900	94 000	58,0	123,7	88 300	98 100	52,0
54,0	50,6	119,0	77 600	77 600	52,9	120,5	89 200	90 200	56,1	122,3	83 800	98 100	54,0
56,0	48,5	117,2	74 100	74 100	50,8	118,8	84 800	86 400	54,1	120,9	79 700	98 100	56,0
58,0	46,2	115,3	70 800	70 800	48,6	117,1	80 700	82 600	52,1	119,3	75 800	98 100	58,0
60,0	43,9	113,2	67 600	67 600	46,4	115,2	76 900	79 000	49,9	117,6	72 100	97 200	60,0
62,0	41,5	111,0	64 600	64 600	44,1	113,1	73 300	75 500	47,8	115,8	68 700	93 800	62,0
64,0	38,9	108,5	61 800	61 800	41,7	110,9	70 000	72 100	45,5	113,9	65 500	90 000	64,0
66,0	36,2	105,8	59 300	59 300	39,1	108,4	66 800	69 000	43,1	111,7	62 600	86 300	66,0
68,0	33,3	102,8	57 000	57 000	36,4	105,7	63 900	66 100	40,7	109,4	59 700	82 600	68,0
72,0	26,6	95,5	53 200	53 200	30,4	99,4	58 400	60 900	35,3	104,1	54 500	75 700	72,0
76,0	17,6	85,1	51 000	51 000	22,9	91,0	53 500	57 000	29,0	97,4	49 900	69 700	76,0
80,0					11,0	77,0	46 900	47 600	21,1	88,4	45 600	60 500	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



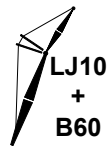
400 000 kg



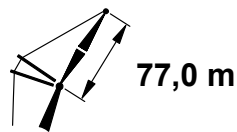
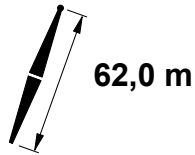
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,0	125,5	79 300	91 500									52,0
54,0	61,1	124,4	75 100	91 500									54,0
56,0	59,3	123,2	71 300	91 500									56,0
58,0	57,3	121,9	67 700	91 500									58,0
60,0	55,4	120,6	64 300	91 500									60,0
62,0	53,4	119,1	61 200	91 500	58,4	121,0	53 800	84 600					62,0
64,0	51,3	117,5	58 300	91 500	56,5	119,7	51 100	84 600					64,0
66,0	49,2	115,7	55 500	91 500	54,5	118,2	48 600	84 600					66,0
68,0	47,0	113,9	52 900	91 500	52,5	116,7	46 200	84 600					68,0
72,0	42,3	109,7	48 200	88 300	48,2	113,2	41 900	83 700	53,5	115,3	35 800	78 400	72,0
76,0	37,1	104,6	43 900	80 800	43,6	109,2	38 000	77 900	49,3	112,0	32 200	73 600	76,0
80,0	31,2	98,5	40 000	73 400	38,6	104,5	34 400	72 700	44,8	108,1	29 000	68 600	80,0
84,0	23,9	90,4	36 400	66 700	33,0	98,7	31 200	68 000	39,9	103,6	26 100	64 200	84,0
88,0	13,1	77,7	33 000	54 800	26,2	91,3	28 200	63 700	34,4	98,1	23 400	60 100	88,0
92,0					17,0	80,6	25 400	59 600	28,0	91,2	20 900	56 300	92,0
96,0									19,6	81,6	18 500	52 900	96,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



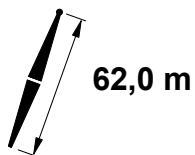
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,0	138,6	87 000	87 000									30,5
32,0	72,8	138,1	86 800	86 800									32,0
34,0	71,2	137,4	86 600	86 600									34,0
36,0	69,6	136,7	86 300	86 300	71,3	137,2	86 000	86 000					36,0
38,0	68,0	135,8	85 900	85 900	69,7	136,5	86 000	86 000					38,0
40,0	66,4	135,0	85 400	85 400	68,1	135,6	85 800	85 800					40,0
42,0	64,7	134,0	84 900	84 900	66,5	134,8	85 600	85 600	69,1	135,6	83 300	83 300	42,0
44,0	63,1	133,0	84 400	84 400	64,9	133,8	85 400	85 400	67,5	134,8	83 300	83 300	44,0
46,0	61,4	131,9	83 800	83 800	63,2	132,8	85 100	85 100	65,9	133,9	83 300	83 300	46,0
48,0	59,6	130,7	82 500	82 500	61,5	131,7	84 700	84 700	64,2	132,9	83 300	83 300	48,0
50,0	57,9	129,4	79 800	79 800	59,8	130,5	84 300	84 300	62,5	131,9	83 300	83 300	50,0
52,0	56,1	128,1	76 700	76 700	58,0	129,3	83 900	83 900	60,8	130,7	83 300	83 300	52,0
54,0	54,2	126,7	73 700	73 700	56,2	127,9	83 400	83 400	59,1	129,5	82 000	83 300	54,0
56,0	52,4	125,1	70 700	70 700	54,4	126,5	81 500	81 500	57,3	128,2	78 000	83 300	56,0
58,0	50,4	123,4	67 700	67 700	52,5	125,0	78 400	78 400	55,5	126,9	74 100	83 300	58,0
60,0	48,4	121,7	64 900	64 900	50,6	123,3	75 300	75 400	53,7	125,4	70 500	83 300	60,0
62,0	46,4	119,8	62 200	62 200	48,6	121,6	71 900	72 400	51,8	123,8	67 200	83 300	62,0
64,0	44,3	117,7	59 500	59 500	46,5	119,7	68 500	69 500	49,8	122,1	64 000	83 300	64,0
66,0	42,0	115,5	57 100	57 100	44,4	117,6	65 400	66 600	47,8	120,3	61 000	82 300	66,0
68,0	39,7	113,1	54 700	54 700	42,2	115,4	62 500	63 900	45,7	118,3	58 200	79 300	68,0
72,0	34,7	107,7	50 500	50 500	37,5	110,5	57 100	58 800	41,3	114,0	53 100	73 300	72,0
76,0	28,9	100,9	47 100	47 100	32,1	104,5	52 200	54 300	36,5	108,8	48 400	67 600	76,0
80,0	21,6	92,0	44 700	44 700	25,8	96,9	47 800	50 700	31,0	102,6	44 300	62 500	80,0
84,0					17,2	86,2	43 700	46 700	24,3	94,6	40 400	56 300	84,0
88,0									15,0	82,8	36 800	46 200	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0

MLC650 VPC-MAX S-3

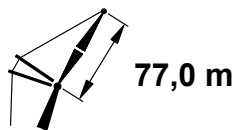
ASME B30.5



400 000 kg



62,0 m

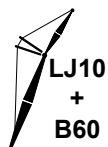


77,0 m

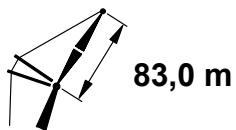
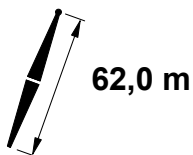
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	63,6	131,3	73 300	77 800									54,0
56,0	61,9	130,2	69 400	77 800									56,0
58,0	60,2	129,0	65 900	77 800									58,0
60,0	58,4	127,8	62 600	77 800									60,0
62,0	56,7	126,5	59 400	77 800									62,0
64,0	54,8	125,1	56 500	77 800	59,5	126,8	49 200	71 700					64,0
66,0	53,0	123,6	53 800	77 800	57,7	125,5	46 700	71 700					66,0
68,0	51,1	121,9	51 200	77 800	55,9	124,2	44 400	71 700					68,0
72,0	47,1	118,3	46 500	77 800	52,2	121,2	40 100	71 700					72,0
76,0	42,8	114,2	42 300	77 800	48,2	117,7	36 200	71 700	53,1	119,8	30 300	66 200	76,0
80,0	38,1	109,3	38 400	72 600	44,0	113,7	32 700	71 000	49,2	116,5	27 100	66 200	80,0
84,0	32,8	103,5	34 900	66 100	39,5	109,1	29 500	66 600	45,1	112,6	24 300	62 700	84,0
88,0	26,6	96,2	31 700	60 300	34,4	103,6	26 600	62 400	40,6	108,1	21 600	58 700	88,0
92,0	18,5	86,1	28 700	52 400	28,5	96,8	23 900	58 500	35,7	102,9	19 200	55 000	92,0
96,0					21,1	87,7	21 400	54 900	30,1	96,4	16 900	51 600	96,0
100,0					8,8	71,6	18 800	45 800	23,2	88,1	14 800	48 400	100,0
104,0									13,0	75,1	12 700	45 500	104,0

MLC650 VPC-MAX S-3

ASME B30.5



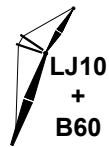
400 000 kg



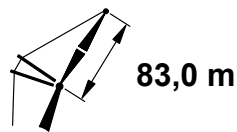
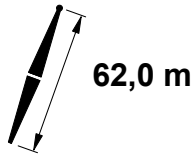
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,1	144,4	75 500	75 500									32,0
34,0	72,6	143,8	75 200	75 200									34,0
36,0	71,2	143,1	74 900	74 900									36,0
38,0	69,7	142,3	74 600	74 600	71,3	142,9	74 400	74 400					38,0
40,0	68,2	141,5	74 200	74 200	69,8	142,1	74 300	74 300					40,0
42,0	66,7	140,6	73 700	73 700	68,3	141,3	74 200	74 200					42,0
44,0	65,2	139,7	73 300	73 300	66,8	140,5	74 000	74 000					44,0
46,0	63,6	138,7	72 800	72 800	65,3	139,5	73 700	73 700	67,7	140,5	72 300	72 300	46,0
48,0	62,1	137,6	72 300	72 300	63,7	138,5	73 400	73 400	66,2	139,6	72 300	72 300	48,0
50,0	60,5	136,5	71 700	71 700	62,2	137,5	73 100	73 100	64,7	138,6	72 300	72 300	50,0
52,0	58,9	135,3	71 000	71 000	60,6	136,3	72 700	72 700	63,1	137,6	72 300	72 300	52,0
54,0	57,2	134,0	68 600	68 600	59,0	135,1	72 300	72 300	61,6	136,5	72 300	72 300	54,0
56,0	55,5	132,6	66 200	66 200	57,3	133,8	71 900	71 900	60,0	135,3	72 300	72 300	56,0
58,0	53,8	131,2	63 700	63 700	55,7	132,5	71 500	71 500	58,3	134,1	72 100	72 200	58,0
60,0	52,1	129,6	61 300	61 300	54,0	131,0	70 500	70 500	56,7	132,8	69 500	72 100	60,0
62,0	50,3	127,9	58 900	58 900	52,2	129,5	68 000	68 000	55,0	131,4	66 100	71 900	62,0
64,0	48,4	126,2	56 600	56 600	50,4	127,8	65 600	65 600	53,3	129,9	63 000	71 700	64,0
66,0	46,5	124,3	54 400	54 400	48,6	126,0	63 200	63 200	51,5	128,3	60 000	71 500	66,0
68,0	44,6	122,2	52 200	52 200	46,7	124,1	60 800	60 800	49,7	126,6	57 200	71 200	68,0
72,0	40,4	117,7	48 200	48 200	42,7	120,0	56 200	56 200	45,9	122,8	52 100	69 400	72,0
76,0	35,8	112,4	44 700	44 700	38,3	115,1	51 400	52 000	41,9	118,5	47 600	64 600	76,0
80,0	30,7	106,1	41 700	41 700	33,5	109,4	47 100	48 200	37,4	113,6	43 400	60 000	80,0
84,0	24,5	98,1	39 400	39 400	28,0	102,4	43 100	45 100	32,5	107,6	39 700	55 700	84,0
88,0	16,2	86,8	37 700	37 700	21,1	93,3	39 400	42 700	26,8	100,3	36 200	51 900	88,0
92,0					10,2	78,0	33 900	33 900	19,4	90,5	33 000	44 100	92,0
96,0									5,7	71,1	29 800	32 800	96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



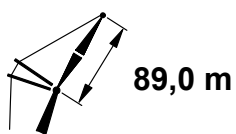
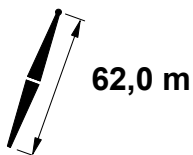
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	64,1	137,0	67 200	67 200									56,0
58,0	62,6	135,9	64 600	67 200									58,0
60,0	61,0	134,8	61 400	67 200									60,0
62,0	59,4	133,6	58 300	67 200									62,0
64,0	57,7	132,4	55 400	67 200									64,0
66,0	56,1	131,0	52 700	67 200									66,0
68,0	54,4	129,6	50 100	67 200	58,7	131,4	43 100	62 200					68,0
72,0	50,9	126,4	45 400	67 200	55,4	128,7	38 900	62 200					72,0
76,0	47,1	122,8	41 200	67 200	51,9	125,7	35 000	62 200					76,0
80,0	43,2	118,7	37 400	67 200	48,2	122,2	31 600	62 200	52,7	124,3	25 900	57 300	80,0
84,0	38,9	114,0	34 000	65 400	44,3	118,2	28 400	62 200	49,1	120,9	23 000	57 300	84,0
88,0	34,2	108,4	30 900	59 700	40,2	113,7	25 600	61 400	45,3	117,1	20 400	57 300	88,0
92,0	28,7	101,6	28 000	54 500	35,6	108,4	23 000	57 700	41,2	112,7	18 100	54 000	92,0
96,0	22,0	92,8	25 300	49 300	30,4	102,0	20 500	54 200	36,7	107,6	15 900	50 700	96,0
100,0	12,1	79,0	22 600	40 000	24,1	93,9	18 200	50 900	31,7	101,5	13 800	47 600	100,0
104,0					15,6	82,2	16 000	45 400	25,8	93,9	11 900	44 700	104,0
108,0									18,1	83,5	10 000	42 000	108,0

MLC650 VPC-MAX S-3

ASME B30.5



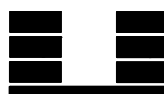
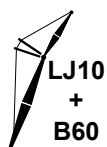
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,2	150,2	64 600	64 600									33,5
34,0	73,8	150,1	64 600	64 600									34,0
36,0	72,5	149,4	64 300	64 300									36,0
38,0	71,1	148,7	64 000	64 000									38,0
40,0	69,7	148,0	63 600	63 600									40,0
42,0	68,4	147,2	63 200	63 200	71,2	148,5	63 500	63 500					42,0
44,0	67,0	146,3	62 800	62 800	69,8	147,8	63 300	63 300					44,0
46,0	65,5	145,4	62 400	62 400	68,5	147,0	63 100	63 100					46,0
48,0	64,1	144,4	61 900	61 900	67,1	146,1	62 800	62 800	69,3	146,9	61 400	61 400	48,0
50,0	62,7	143,4	61 400	61 400	65,6	145,2	62 500	62 500	67,9	146,1	61 400	61 400	50,0
52,0	61,2	142,3	60 900	60 900	64,2	144,3	62 200	62 200	66,5	145,3	61 400	61 400	52,0
54,0	59,7	141,1	60 400	60 400	62,8	143,2	61 900	61 900	65,1	144,3	61 300	61 300	54,0
56,0	58,2	139,9	59 900	59 900	61,3	142,1	61 500	61 500	63,6	143,3	61 200	61 200	56,0
58,0	56,6	138,5	59 100	59 100	59,8	140,9	61 100	61 100	62,2	142,3	61 100	61 100	58,0
60,0	55,1	137,1	57 100	57 100	58,3	139,7	60 700	60 700	60,7	141,1	60 900	60 900	60,0
62,0	53,5	135,7	55 200	55 200	56,7	138,4	60 300	60 300	59,2	139,9	60 700	60 700	62,0
64,0	51,8	134,1	53 200	53 200	55,2	137,0	59 900	59 900	57,7	138,7	60 500	60 500	64,0
66,0	50,1	132,4	51 300	51 300	53,6	135,5	59 500	59 500	56,1	137,3	60 300	60 300	66,0
68,0	48,4	130,6	49 500	49 500	51,9	133,9	58 800	58 800	54,6	135,9	58 300	58 300	68,0
72,0	44,8	126,7	45 900	45 900	50,3	132,3	57 100	57 100	52,9	134,4	55 500	55 500	72,0
76,0	41,0	122,3	42 600	42 600	46,8	128,6	53 300	53 300	49,6	131,1	50 400	50 400	76,0
80,0	36,8	117,2	39 600	39 600	43,1	124,5	49 500	49 500	46,1	127,3	45 900	45 900	80,0
84,0	32,1	111,2	37 000	37 000	39,1	119,8	45 500	45 500	42,3	123,1	41 800	41 800	84,0
88,0	26,7	103,8	34 900	34 900	34,7	114,3	41 600	41 600	38,3	118,2	38 000	38 000	88,0
92,0	20,0	94,2	33 400	33 400	29,8	107,7	38 000	38 000	33,8	112,5	34 600	34 600	92,0
96,0	9,1	77,8	26 800	26 800	23,9	99,5	34 700	34 700	28,7	105,7	31 500	31 500	96,0
100,0					16,0	87,9	31 600	31 600	22,5	97,0	28 600	28 600	100,0
104,0									13,9	84,2	25 800	25 800	104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

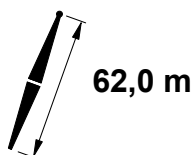
ASME B30.5



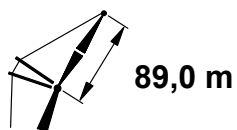
400 000 kg



360°



62,0 m

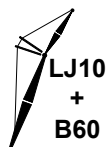


89,0 m

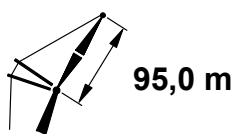
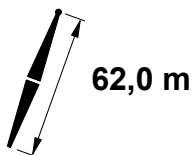
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	64,6	142,7	56 800	56 800									58,0
60,0	63,1	141,7	56 800	56 800									60,0
62,0	61,7	140,6	56 000	56 800									62,0
64,0	60,2	139,4	53 500	56 800									64,0
66,0	58,7	138,2	50 800	56 800									66,0
68,0	57,1	136,9	48 200	56 800									68,0
72,0	54,0	134,1	43 600	56 800	58,0	136,0	36 900	52 200					72,0
76,0	50,7	130,9	39 400	56 800	54,9	133,2	33 100	52 200					76,0
80,0	47,2	127,3	35 600	56 800	51,6	130,1	29 700	52 200					80,0
84,0	43,5	123,2	32 200	56 800	48,2	126,7	26 600	52 200	52,4	128,8	21 000	48 200	84,0
88,0	39,6	118,6	29 100	56 800	44,6	122,8	23 700	52 200	49,1	125,4	18 500	48 200	88,0
92,0	35,3	113,2	26 300	53 200	40,8	118,3	21 100	52 200	45,5	121,6	16 100	48 200	92,0
96,0	30,4	106,8	23 600	48 600	36,6	113,1	18 700	52 200	41,7	117,3	14 000	48 200	96,0
100,0	24,7	98,8	21 200	44 400	31,9	107,0	16 500	49 500	37,6	112,3	12 000	46 100	100,0
104,0	17,1	87,9	18 800	37 900	26,4	99,6	14 500	45 700	33,1	106,5	10 100	43 300	104,0
108,0					19,6	89,8	12 500	41 800	27,9	99,4		40 700	108,0
112,0									21,5	90,4		38 200	112,0
116,0									12,1	76,3		35 800	116,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



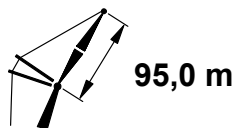
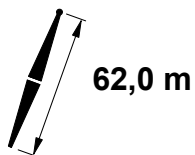
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,2	156,0	56 000	56 000									35,1
36,0	73,6	155,7	55 800	55 800									36,0
38,0	72,4	155,1	55 400	55 400									38,0
40,0	71,1	154,4	55 100	55 100	72,5	154,9	54 900	54 900					40,0
42,0	69,8	153,7	54 800	54 800	71,2	154,2	54 700	54 700					42,0
44,0	68,5	152,9	54 400	54 400	69,9	153,4	54 500	54 500					44,0
46,0	67,2	152,0	54 000	54 000	68,6	152,7	54 200	54 200					46,0
48,0	65,9	151,1	53 600	53 600	67,3	151,8	54 000	54 000	69,4	152,6	52 800	52 800	48,0
50,0	64,5	150,1	53 200	53 200	66,0	150,9	53 700	53 700	68,1	151,8	52 700	52 700	50,0
52,0	63,2	149,1	52 700	52 700	64,6	150,0	53 300	53 300	66,8	150,9	52 600	52 600	52,0
54,0	61,8	148,1	52 300	52 300	63,3	148,9	53 000	53 000	65,4	150,0	52 500	52 500	54,0
56,0	60,4	146,9	51 800	51 800	61,9	147,9	52 700	52 700	64,1	149,0	52 400	52 400	56,0
58,0	59,0	145,7	51 400	51 400	60,5	146,7	52 300	52 300	62,7	148,0	52 200	52 200	58,0
60,0	57,6	144,4	50 900	50 900	59,1	145,5	52 000	52 000	61,4	146,9	52 000	52 000	60,0
62,0	56,1	143,1	50 500	50 500	57,7	144,3	51 600	51 600	60,0	145,7	51 800	51 800	62,0
64,0	54,6	141,7	49 500	49 500	56,2	142,9	51 200	51 200	58,6	144,5	51 600	51 600	64,0
66,0	53,1	140,2	47 900	47 900	54,8	141,5	50 800	50 800	57,1	143,2	51 400	51 400	66,0
68,0	51,6	138,6	46 300	46 300	53,2	140,0	50 500	50 500	55,7	141,8	51 100	51 100	68,0
72,0	48,4	135,1	43 200	43 200	50,1	136,8	49 500	49 500	52,6	138,9	49 400	50 600	72,0
76,0	45,0	131,2	40 200	40 200	46,9	133,1	46 600	46 600	49,5	135,5	44 900	50 100	76,0
80,0	41,5	126,9	37 500	37 500	43,4	129,0	43 600	43 600	46,2	131,8	40 800	49 600	80,0
84,0	37,6	121,9	34 900	34 900	39,7	124,4	40 600	40 700	42,7	127,6	37 100	49 200	84,0
88,0	33,4	116,1	32 700	32 700	35,7	119,1	37 200	38 000	39,0	122,9	33 800	47 000	88,0
92,0	28,6	109,2	30 800	30 800	31,2	112,8	33 900	35 600	34,9	117,4	30 700	44 100	92,0
96,0	22,8	100,6	29 400	29 400	26,1	105,2	30 900	33 600	30,3	110,9	27 800	41 400	96,0
100,0	15,1	88,4	26 600	26 600	19,6	95,4	28 100	31 100	24,9	103,0	25 200	37 700	100,0
104,0									18,1	92,4	22 700	31 300	104,0
108,0									5,3	71,7	20 100	21 800	108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



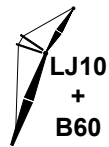
400 000 kg



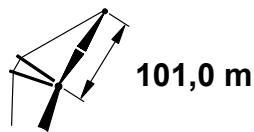
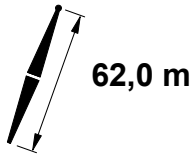
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0	63,6	147,4	48 600	48 600									62,0
64,0	62,2	146,4	48 600	48 600									64,0
66,0	60,9	145,2	48 500	48 600									66,0
68,0	59,5	144,0	47 100	48 600									68,0
72,0	56,6	141,5	42 500	48 600									72,0
76,0	53,6	138,6	38 300	48 600	57,4	140,5	31 900	44 400					76,0
80,0	50,5	135,4	34 600	48 600	54,5	137,7	28 500	44 400					80,0
84,0	47,3	131,8	31 200	48 600	51,4	134,6	25 400	44 400					84,0
88,0	43,9	127,8	28 100	48 600	48,2	131,2	22 600	44 400	52,2	133,3	17 300	40 700	88,0
92,0	40,2	123,2	25 300	48 600	44,9	127,3	20 000	44 400	49,0	129,9	14 900	40 700	92,0
96,0	36,2	118,0	22 700	48 000	41,3	122,9	17 700	44 400	45,7	126,1	12 800	40 700	96,0
100,0	31,8	111,8	20 300	43 800	37,4	117,8	15 500	44 400	42,2	121,8	10 800	40 700	100,0
104,0	26,8	104,5	18 000	40 100	33,1	112,0	13 500	44 300	38,4	117,0		40 700	104,0
108,0	20,5	95,0	15 900	35 600	28,3	105,0	11 600	41 200	34,2	111,4		39 800	108,0
112,0	11,3	80,1	13 800	28 200	22,5	96,3	9 800	37 600	29,5	104,7		37 400	112,0
116,0					14,6	83,8		32 800	24,0	96,5		35 100	116,0
120,0									16,8	85,3		32 900	120,0

MLC650 VPC-MAX S-3

ASME B30.5



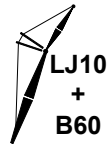
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,3	161,8	48 100	48 100									36,6
38,0	73,4	161,4	47 900	47 900									38,0
40,0	72,2	160,7	47 500	47 500									40,0
42,0	71,0	160,1	47 200	47 200	72,3	160,5	47 000	47 000					42,0
44,0	69,8	159,3	46 800	46 800	71,1	159,8	46 800	46 800					44,0
46,0	68,6	158,5	46 500	46 500	69,9	159,1	46 500	46 500					46,0
48,0	67,4	157,7	46 100	46 100	68,7	158,3	46 300	46 300					48,0
50,0	66,1	156,8	45 700	45 700	67,5	157,5	46 000	46 000					50,0
52,0	64,9	155,9	45 300	45 300	66,2	156,6	45 700	45 700	68,2	157,5	44 900	44 900	52,0
54,0	63,6	154,9	44 900	44 900	65,0	155,7	45 400	45 400	67,0	156,6	44 700	44 700	54,0
56,0	62,3	153,8	44 500	44 500	63,7	154,7	45 000	45 000	65,7	155,7	44 600	44 600	56,0
58,0	61,0	152,7	44 100	44 100	62,4	153,6	44 700	44 700	64,5	154,7	44 400	44 400	58,0
60,0	59,7	151,5	43 600	43 600	61,1	152,5	44 400	44 400	63,2	153,7	44 200	44 200	60,0
62,0	58,4	150,3	43 200	43 200	59,8	151,3	44 000	44 000	61,9	152,7	44 000	44 000	62,0
64,0	57,0	149,0	42 800	42 800	58,5	150,1	43 700	43 700	60,6	151,5	43 800	43 800	64,0
66,0	55,7	147,6	42 400	42 400	57,1	148,8	43 300	43 300	59,3	150,3	43 600	43 600	66,0
68,0	54,3	146,2	42 000	42 000	55,8	147,5	43 000	43 000	58,0	149,1	43 300	43 300	68,0
72,0	51,4	143,0	39 900	39 900	53,0	144,5	42 300	42 300	55,2	146,4	42 900	42 900	72,0
76,0	48,4	139,6	37 300	37 300	50,0	141,2	41 600	41 600	52,4	143,4	42 400	42 400	76,0
80,0	45,2	135,7	34 900	34 900	47,0	137,6	40 400	40 400	49,4	140,0	39 200	41 900	80,0
84,0	41,9	131,4	32 600	32 600	43,7	133,5	37 900	37 900	46,3	136,3	35 500	41 400	84,0
88,0	38,3	126,5	30 500	30 500	40,3	129,0	35 500	35 500	43,1	132,2	32 100	41 000	88,0
92,0	34,4	120,9	28 600	28 600	36,6	123,8	32 400	33 300	39,6	127,5	29 100	40 400	92,0
96,0	30,1	114,4	26 900	26 900	32,5	117,8	29 400	31 300	35,8	122,2	26 300	37 300	96,0
100,0	25,0	106,5	25 600	25 600	27,9	110,7	26 700	29 400	31,6	116,0	23 700	33 700	100,0
104,0	18,7	96,1	23 700	23 700	22,4	101,9	24 100	26 300	26,9	108,6	21 200	30 100	104,0
108,0	8,6	78,7	17 100	17 100	15,0	89,5	21 700	22 300	21,1	99,3	18 900	26 600	108,0
112,0									13,0	85,6	16 700	22 300	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

ASME B30.5



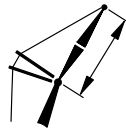
400 000 kg



360°



62,0 m

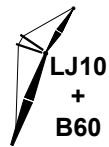


101,0 m

	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	64,0	153,1	41 000	41 000								64,0
66,0	62,8	152,1	41 000	41 000								66,0
68,0	61,5	151,0	41 000	41 000								68,0
72,0	58,8	148,6	40 600	41 000								72,0
76,0	56,1	146,0	36 500	41 000								76,0
80,0	53,3	143,1	32 800	41 000	56,9	145,1	26 600	37 300				80,0
84,0	50,4	139,9	29 400	41 000	54,1	142,2	23 500	37 300				84,0
88,0	47,3	136,3	26 400	40 900	51,2	139,1	20 800	37 300				88,0
92,0	44,1	132,3	23 600	40 700	48,2	135,6	18 200	37 300	52,0	137,8	33 800	92,0
96,0	40,7	127,8	21 000	40 600	45,1	131,8	15 900	37 300	49,0	134,4	33 800	96,0
100,0	37,0	122,7	18 600	39 900	41,7	127,4	13 700	37 300	45,9	130,6	33 800	100,0
104,0	33,0	116,8	16 400	36 500	38,1	122,5	11 700	37 300	42,6	126,4	33 800	104,0
108,0	28,5	109,9	14 400	32 800	34,2	116,9	9 900	37 300	39,0	121,6	33 800	108,0
112,0	23,1	101,3	12 400	29 100	29,8	110,3		34 800	35,2	116,2	33 800	112,0
116,0	16,1	89,6	10 600	25 600	24,8	102,3		31 200	31,0	109,8	33 700	116,0
120,0					18,4	91,7		27 600	26,1	102,2	31 600	120,0
124,0									20,1	92,5	29 200	124,0
128,0									11,3	77,5	26 100	128,0

MLC650 VPC-MAX S-3

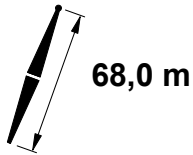
ASME B30.5



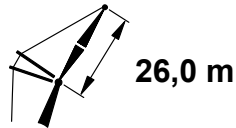
400 000 kg



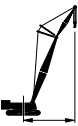
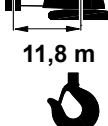
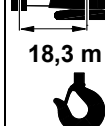
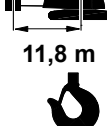
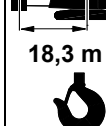
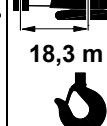
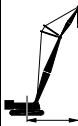
360°



68,0 m

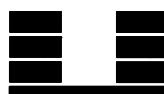
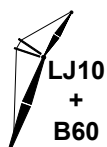


26,0 m

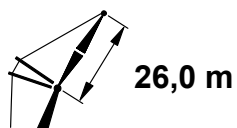
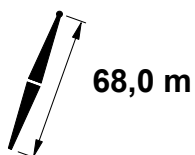
	 85°					 83°					 80°					
 m	 °	 m	 kg	 kg		 °	 m	 kg	 kg		 °	 m	 kg	 kg	 m	
16,8	74,3	95,6	269 500 d	269 500 d												16,8
18,0	71,4	95,2	263 200 c	263 200 c												18,0
20,0	66,6	94,3	252 900 c	252 900 c	72,3	95,0	268 200 c	268 200 c								20,0
22,0	61,6	93,2	235 200 c	235 200 c	67,5	94,2	258 800 c	258 800 c								22,0
24,0	56,3	91,8	213 500 b	213 500 b	62,5	93,1	245 300 b	249 700 b								24,0
26,0	50,6	90,2	196 000	196 000	57,3	91,8	224 800 b	233 600 b	66,3	93,3	214 300 c	261 300 c				26,0
28,0	44,3	88,1	182 400	182 400	51,6	90,2	206 400 b	213 600 b	61,3	92,2	196 700 b	252 900 b				28,0
30,0	37,1	85,5	172 100	172 100	45,5	88,2	190 300	197 500	55,9	90,9	181 400 b	245 000 b				30,0
32,0	28,1	82,0	165 400	165 400	38,5	85,8	176 100	184 900	50,2	89,2	167 900	231 700				32,0
34,0					30,0	82,5	163 700	176 700	43,9	87,1	156 200	214 100				34,0
36,0					17,5	77,2	148 800	155 000	36,6	84,5	145 800	200 400				36,0
38,0									27,5	80,9	136 200	190 700				38,0
40,0																40,0
42,0																42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0

MLC650 VPC-MAX S-3

ASME B30.5



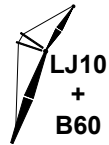
400 000 kg



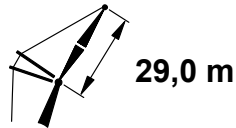
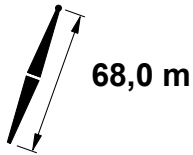
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	60,7	90,7	143 500 b	233 200 b									34,0
36,0	55,4	89,3	133 900 b	218 200 b									36,0
38,0	49,6	87,6	125 300	204 900									38,0
40,0	43,2	85,5	117 600	193 000									40,0
42,0	35,7	82,8	110 600	182 300	54,4	87,2	100 800	174 800					42,0
44,0	26,4	79,1	104 000	172 500	48,5	85,4	95 000	165 400					44,0
46,0					41,9	83,2	89 600	157 000	52,8	84,4	76 500	143 100	46,0
48,0					34,3	80,4	84 600	149 300	46,8	82,5	72 400	136 300	48,0
50,0					24,4	76,3	79 900	142 100	40,0	80,2	68 500	130 000	50,0
52,0									31,9	77,1	64 900	124 200	52,0
54,0									20,8	72,5	61 300	118 800	54,0
56,0													56,0

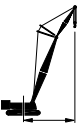
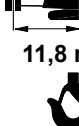
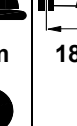
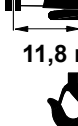
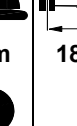
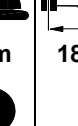
MLC650 VPC-MAX S-3

ASME B30.5



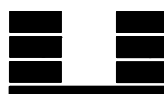
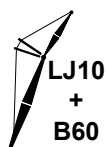
400 000 kg



 85°					 83°					 80°						
 m		 m	 kg	 kg			 m	 kg	 kg			 m	 kg	 kg	 m	
18,3	72,8	98,2	249 300 c	249 300 c												18,3
20,0	69,2	97,6	241 800 c	241 800 c												20,0
22,0	64,8	96,6	230 600 b	230 600 b	70,0	97,4	246 800 c	246 800 c								22,0
24,0	60,2	95,4	212 100 b	212 100 b	65,6	96,5	238 400 b	238 400 b								24,0
26,0	55,4	94,0	194 000	194 000	61,1	95,4	223 700 b	230 000 b			68,9	96,6	212 900 b	248 900 b		26,0
28,0	50,3	92,4	179 500	179 500	56,3	94,0	205 300 b	213 200 b			64,5	95,7	195 400 b	241 300 b		28,0
30,0	44,7	90,4	167 600	167 600	51,2	92,4	189 300	196 000			60,0	94,5	180 100 b	233 900 b		30,0
32,0	38,4	87,9	158 300	158 300	45,7	90,5	175 200	181 900			55,1	93,1	166 700	227 000		32,0
34,0	30,9	84,7	152 300	152 300	39,6	88,1	163 000	171 200			50,0	91,4	155 100	214 500		34,0
36,0	20,9	80,0	146 600	146 600	32,4	85,0	152 000	163 300			44,3	89,4	144 800	198 900		36,0
38,0					23,1	80,8	142 100	158 900			38,0	86,9	135 400	186 400		38,0
40,0											30,4	83,6	127 000	177 500		40,0
42,0											20,2	78,8	119 200	160 900		42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0
58,0																58,0

MLC650 VPC-MAX S-3

ASME B30.5



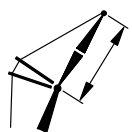
400 000 kg



360°



68,0 m

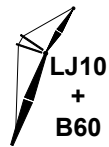


29,0 m

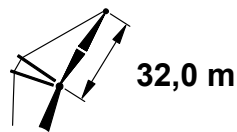
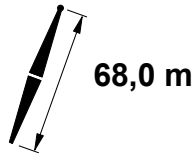
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	59,5	93,0	132 500	216 900									36,0
38,0	54,6	91,6	124 000	203 600									38,0
40,0	49,4	89,8	116 400	191 800									40,0
42,0	43,7	87,8	109 400	181 200									42,0
44,0	37,3	85,2	103 100	171 500	53,7	89,4	93 500	164 200					44,0
46,0	29,5	81,8	97 200	162 800	48,4	87,6	88 300	155 800					46,0
48,0	18,7	76,7	91 600	154 700	42,6	85,5	83 400	148 200					48,0
50,0					36,0	82,8	78 900	141 100	46,9	84,7	67 100	128 800	50,0
52,0					27,9	79,2	74 700	134 600	40,9	82,5	63 600	123 100	52,0
54,0									34,0	79,6	60 300	117 800	54,0
56,0									25,3	75,7	57 100	112 800	56,0
58,0													58,0

MLC650 VPC-MAX S-3

ASME B30.5



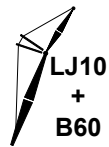
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	74,5	101,4	230 900 c	230 900 c									18,3
20,0	71,3	100,8	229 800 c	229 800 c									20,0
22,0	67,4	100,0	224 000 b	224 000 b									22,0
24,0	63,3	98,9	210 300 b	210 300 b	68,1	99,8	228 700 b	228 700 b					24,0
26,0	59,2	97,7	192 500	192 500	64,1	98,9	221 600 b	221 600 b					26,0
28,0	54,8	96,3	177 500	177 500	59,9	97,7	211 800 b	211 800 b	67,1	99,0	204 500 b	231 000 b	28,0
30,0	50,1	94,6	165 000	165 000	55,6	96,3	195 400	195 400	63,1	98,0	188 600 b	224 800 b	30,0
32,0	45,1	92,6	154 700	154 700	51,0	94,7	180 500	180 500	58,9	96,8	174 700	218 200	32,0
34,0	39,5	90,2	146 700	146 700	46,0	92,7	168 700	168 700	54,5	95,4	162 600	211 300	34,0
36,0	33,0	87,3	140 900	140 900	40,5	90,4	158 900	159 000	49,8	93,7	151 800	199 200	36,0
38,0	25,1	83,3	137 600	137 600	34,3	87,6	149 200	151 600	44,8	91,7	142 200	185 300	38,0
40,0					26,7	83,8	140 000	147 200	39,1	89,2	133 500	174 300	40,0
42,0					15,5	77,9	125 500	130 300	32,6	86,2	125 600	166 000	42,0
44,0									24,5	82,1	118 300	160 500	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

MLC650 VPC-MAX S-3

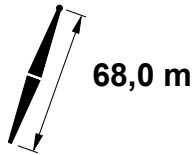
ASME B30.5



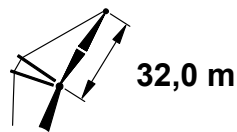
400 000 kg



360°



68,0 m

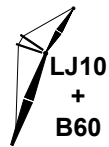


32,0 m

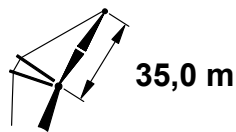
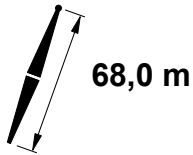
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	62,7	96,5	139 300	216 000									36,0
38,0	58,5	95,3	130 400	202 800									38,0
40,0	54,0	93,8	122 400	191 100									40,0
42,0	49,3	92,1	115 200	180 500									42,0
44,0	44,2	90,0	108 700	170 900									44,0
46,0	38,5	87,6	102 700	162 200	53,2	91,7	93 400	155 100					46,0
48,0	31,9	84,5	97 100	154 300	48,4	89,9	88 300	147 500					48,0
50,0	23,5	80,2	91 900	146 900	43,2	87,8	83 700	140 500					50,0
52,0					37,4	85,2	79 300	134 100	52,0	88,9	71 500	128 100	52,0
54,0					30,6	82,0	75 300	128 100	47,1	87,0	67 800	122 400	54,0
56,0					21,7	77,4	71 400	122 600	41,7	84,8	64 400	117 200	56,0
58,0									35,7	82,1	61 200	112 300	58,0
60,0									28,5	78,5	58 100	107 700	60,0
62,0									18,5	73,4	55 100	103 300	62,0

MLC650 VPC-MAX S-3

ASME B30.5



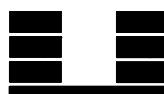
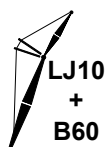
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,3	104,1	213 300 b	213 300 b									19,8
20,0	72,9	104,0	213 200 b	213 200 b									20,0
22,0	69,4	103,2	211 600 b	211 600 b									22,0
24,0	65,8	102,3	206 800 b	206 800 b									24,0
26,0	62,1	101,2	191 800	191 800	70,1	103,1	214 500 b	214 500 b					26,0
					66,5	102,2	211 800 b	211 800 b					
28,0	58,2	100,0	176 600	176 600	62,8	101,2	205 200	205 200					28,0
30,0	54,2	98,5	163 600	163 600	59,0	99,9	195 000	195 000	65,6	101,4	187 200	213 800	30,0
32,0	49,9	96,8	152 700	152 700	55,0	98,5	180 400	180 400	61,9	100,3	173 400	208 700	32,0
34,0	45,3	94,9	143 900	143 900	50,7	96,9	167 800	167 800	58,0	99,0	161 300	202 900	34,0
36,0	40,3	92,5	136 600	136 600	46,2	95,0	157 200	157 200	54,0	97,6	150 600	197 400	36,0
38,0	34,6	89,7	131 000	131 000	41,2	92,7	148 200	148 500	49,7	95,9	141 000	186 000	38,0
40,0	27,9	86,1	127 700	127 700	35,7	90,0	139 200	141 800	45,0	93,9	132 400	173 800	40,0
42,0	18,8	80,9	122 500	122 500	29,2	86,6	131 000	137 200	40,0	91,5	124 600	163 900	42,0
44,0					20,8	81,8	123 400	135 200	34,3	88,7	117 500	155 900	44,0
46,0									27,4	85,0	110 900	150 400	46,0
48,0									18,1	79,7	104 800	137 100	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

ASME B30.5



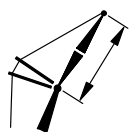
400 000 kg



360°



68,0 m

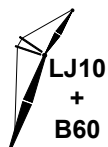


35,0 m

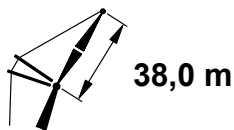
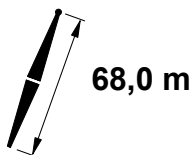
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	61,5	98,8	128 900	201 400									38,0
40,0	57,6	97,5	121 100	189 800									40,0
42,0	53,5	96,0	113 900	179 300									42,0
44,0	49,2	94,3	107 400	169 700									44,0
46,0	44,5	92,3	101 400	161 100	56,9	95,4	91 900	153 800					46,0
48,0	39,4	89,9	96 000	153 200	52,8	93,9	86 900	146 300					48,0
50,0	33,6	87,0	90 900	145 900	48,4	92,1	82 300	139 300					50,0
52,0	26,6	83,2	86 200	139 200	43,7	90,0	78 000	133 000					52,0
54,0	16,8	77,5	81 600	131 800	38,4	87,5	74 100	127 100	51,6	91,1	66 300	121 200	54,0
56,0					32,5	84,5	70 400	121 600	47,2	89,2	63 000	116 000	56,0
58,0					25,2	80,5	66 800	116 500	42,3	87,0	59 800	111 100	58,0
60,0									36,9	84,4	56 900	106 600	60,0
62,0									30,7	81,2	54 100	102 300	62,0
64,0									22,8	76,8	51 400	98 300	64,0

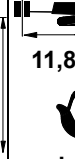
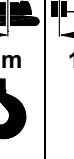
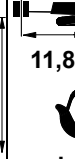
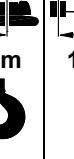
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



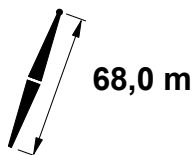
	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,6	107,2	198 400 b	198 400 b									19,8
20,0	74,3	107,2	198 400 b	198 400 b									20,0
22,0	71,1	106,5	197 700 b	197 700 b									22,0
24,0	67,9	105,6	195 900 b	195 900 b									24,0
26,0	64,5	104,7	191 300	191 300	68,5	105,5	199 300 b	199 300 b					26,0
28,0	61,1	103,6	176 000	176 000	65,1	104,6	197 400	197 400					28,0
30,0	57,5	102,3	162 900	162 900	61,7	103,5	192 400	192 400	67,7	104,7	187 300	198 600	30,0
32,0	53,8	100,8	151 600	151 600	58,2	102,2	180 800	180 800	64,3	103,8	173 400	198 600	32,0
34,0	49,8	99,1	142 300	142 300	54,4	100,8	167 700	167 700	60,9	102,6	161 400	196 100	34,0
36,0	45,6	97,1	134 400	134 400	50,5	99,1	156 600	156 600	57,3	101,3	150 800	190 900	36,0
38,0	41,0	94,9	127 900	127 900	46,4	97,2	147 200	147 200	53,5	99,8	141 200	186 000	38,0
40,0	35,9	92,2	122 900	122 900	41,9	95,0	139 300	139 500	49,6	98,1	132 600	174 700	40,0
42,0	30,1	88,8	119 400	119 400	36,9	92,4	131 400	133 400	45,3	96,2	124 900	163 800	42,0
44,0	22,8	84,4	117 900	117 900	31,2	89,2	124 000	128 700	40,7	93,9	117 800	154 600	44,0
46,0					24,3	85,1	117 100	126 300	35,6	91,1	111 400	147 400	46,0
48,0					14,0	78,6	105 300	111 800	29,7	87,8	105 400	142 000	48,0
50,0									22,3	83,3	99 900	138 500	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

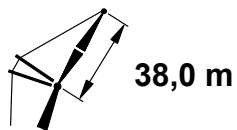
ASME B30.5



400 000 kg



68,0 m

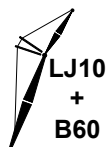


38,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,5	101,1	121 100	189 600									40,0
42,0	56,9	99,8	114 000	179 100									42,0
44,0	53,1	98,3	107 500	169 600									44,0
46,0	49,1	96,6	101 600	161 000									46,0
48,0	44,9	94,6	96 200	153 200	56,2	97,7	87 000	146 200					48,0
50,0	40,2	92,2	91 200	145 900	52,4	96,1	82 400	139 300					50,0
52,0	35,1	89,4	86 500	139 300	48,4	94,4	78 200	132 900					52,0
54,0	29,0	86,0	82 200	133 100	44,1	92,3	74 300	127 100					54,0
56,0	21,4	81,3	78 100	127 400	39,4	89,9	70 600	121 600	51,4	93,3	63 100	115 900	56,0
58,0					34,1	87,0	67 100	116 500	47,3	91,5	60 000	111 100	58,0
60,0					27,8	83,4	63 900	111 800	42,9	89,3	57 100	106 600	60,0
62,0					19,7	78,4	60 700	107 400	38,0	86,8	54 300	102 400	62,0
64,0									32,5	83,8	51 700	98 400	64,0
66,0									25,9	79,9	49 200	94 700	66,0
68,0									16,8	74,2	46 700	91 100	68,0

MLC650 VPC-MAX S-3

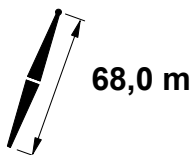
ASME B30.5



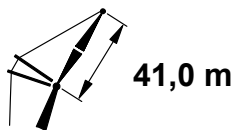
400 000 kg



360°



68,0 m

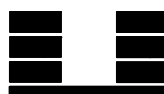
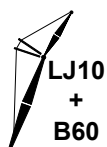


41,0 m

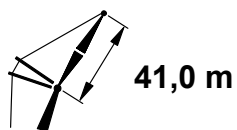
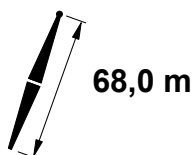
	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
21,3	73,6	109,9	184 200 b	184 200 b									21,3
22,0	72,6	109,7	184 000 b	184 000 b									22,0
24,0	69,6	108,9	183 000	183 000									24,0
26,0	66,5	108,0	181 200	181 200	70,1	108,8	184 800	184 800					26,0
28,0	63,4	107,0	174 900	174 900	67,1	107,9	184 600	184 600					28,0
30,0	60,2	105,8	161 700	161 700	64,0	106,9	183 400	183 400					30,0
32,0	56,8	104,5	150 300	150 300	60,8	105,8	179 900	179 900	66,4	107,1	172 100	184 400	32,0
34,0	53,3	103,0	140 800	140 800	57,4	104,5	167 500	167 500	63,2	106,1	160 100	184 400	34,0
36,0	49,7	101,3	132 600	132 600	54,0	103,0	156 000	156 000	60,0	104,9	149 500	183 100	36,0
38,0	45,8	99,4	125 500	125 500	50,3	101,4	146 100	146 100	56,6	103,6	139 900	179 000	38,0
40,0	41,6	97,1	119 700	119 700	46,5	99,5	137 900	137 900	53,1	102,1	131 400	173 700	40,0
42,0	37,0	94,5	115 100	115 100	42,4	97,3	130 400	131 000	49,5	100,4	123 700	164 000	42,0
44,0	31,8	91,4	111 600	111 600	37,8	94,7	123 100	125 200	45,5	98,4	116 700	154 100	44,0
46,0	25,6	87,4	109 000	109 000	32,8	91,7	116 300	120 900	41,3	96,1	110 300	145 900	46,0
48,0	17,2	81,8	104 600	104 600	26,8	87,9	110 100	117 900	36,7	93,5	104 500	139 200	48,0
50,0					19,0	82,7	104 300	115 600	31,5	90,3	99 000	134 000	50,0
52,0									25,2	86,3	93 900	129 900	52,0
54,0									16,6	80,5	89 100	116 700	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



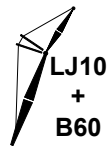
400 000 kg



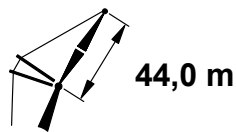
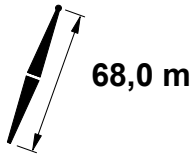
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,9	104,6	119 700	179 400									40,0
42,0	59,6	103,4	112 600	176 700									42,0
44,0	56,3	102,1	106 200	168 400									44,0
46,0	52,7	100,5	100 300	159 800									46,0
48,0	49,0	98,8	94 900	152 000									48,0
50,0	45,1	96,8	89 900	144 800	55,7	99,9	81 000	138 100					50,0
52,0	40,9	94,5	85 400	138 200	52,1	98,4	76 800	131 700					52,0
54,0	36,2	91,8	81 100	132 100	48,4	96,6	72 900	125 900					54,0
56,0	30,8	88,6	77 100	126 500	44,4	94,6	69 300	120 500					56,0
58,0	24,4	84,4	73 300	121 200	40,1	92,2	65 900	115 500	51,1	95,6	58 500	109 900	58,0
60,0	15,4	78,3	69 600	114 100	35,3	89,4	62 700	110 800	47,3	93,7	55 600	105 400	60,0
62,0					29,8	86,0	59 700	106 400	43,3	91,6	52 900	101 300	62,0
64,0					23,1	81,7	56 800	102 300	38,8	89,1	50 400	97 300	64,0
66,0									33,9	86,2	48 000	93 700	66,0
68,0									28,2	82,6	45 700	90 200	68,0

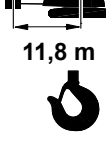
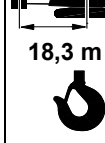
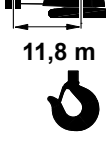
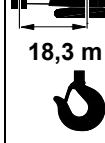
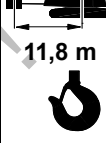
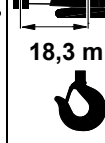
MLC650 VPC-MAX S-3

ASME B30.5



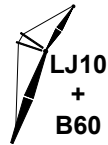
400 000 kg



 85°					 83°				 80°							
 m	 °	 m	 11,8 m kg	 18,3 m kg		 °	 m	 11,8 m kg	 18,3 m kg		 °	 m	 11,8 m kg	 18,3 m kg	 m	
21,3	74,7	113,0	170 800 b	170 800 b												21,3
22,0	73,8	112,8	170 800 b	170 800 b												22,0
24,0	71,1	112,1	170 400	170 400												24,0
26,0	68,3	111,3	169 300	169 300	71,6	112,0	171 500	171 500								26,0
28,0	65,4	110,4	167 500	167 500	68,8	111,2	171 500	171 500								28,0
30,0	62,4	109,3	161 000	161 000	65,9	110,3	171 000	171 000								30,0
32,0	59,4	108,1	150 000	150 000	63,0	109,3	169 800	169 800			68,1	110,4	170 900	170 900		32,0
34,0	56,3	106,8	140 300	140 300	60,0	108,1	166 400	166 400			65,2	109,5	159 300	170 900		34,0
36,0	53,0	105,3	131 800	131 800	56,8	106,8	156 500	156 500			62,3	108,4	148 600	170 900		36,0
38,0	49,6	103,6	124 400	124 400	53,6	105,3	146 200	146 200			59,2	107,2	139 100	170 900		38,0
40,0	46,0	101,6	118 100	118 100	50,2	103,6	137 500	137 500			56,1	105,9	130 600	167 500		40,0
42,0	42,1	99,4	112 800	112 800	46,6	101,7	129 800	130 100			52,8	104,3	122 900	163 400		42,0
44,0	37,9	96,9	108 400	108 400	42,8	99,6	122 400	123 700			49,4	102,6	115 900	155 100		44,0
46,0	33,2	93,9	104 100	104 100	38,7	97,1	115 700	118 500			45,8	100,7	109 600	146 100		46,0
48,0	27,8	90,3	100 100	100 100	34,1	94,2	109 600	113 900			41,9	98,5	103 800	138 600		48,0
50,0	21,0	85,5	97 700	97 700	28,9	90,7	103 900	109 300			37,6	95,9	98 400	132 300		50,0
52,0					22,4	86,2	98 600	105 800			32,9	92,9	93 400	127 100		52,0
54,0											27,5	89,2	88 700	121 900		54,0
56,0											20,6	84,3	84 300	114 600		56,0
58,0																58,0
60,0																60,0
62,0																62,0
64,0																64,0
66,0																66,0
68,0																68,0
72,0																72,0

MLC650 VPC-MAX S-3

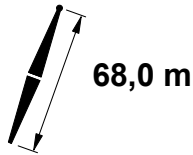
ASME B30.5



400 000 kg



360°



68,0 m

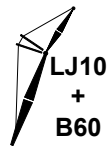


44,0 m

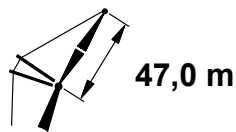
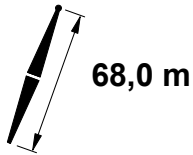
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	61,9	106,9	111 700	165 900									42,0
44,0	58,9	105,7	105 200	165 900									44,0
46,0	55,7	104,3	99 400	159 000									46,0
48,0	52,5	102,8	94 100	151 200									48,0
50,0	49,0	101,0	89 100	144 100									50,0
52,0	45,4	99,1	84 600	137 500	55,2	102,2	75 800	130 900					52,0
54,0	41,4	96,8	80 300	131 400	51,9	100,6	72 000	125 100					54,0
56,0	37,2	94,2	76 400	125 800	48,4	98,8	68 400	119 700					56,0
58,0	32,4	91,1	72 700	120 500	44,7	96,8	65 100	114 700	54,3	99,4	57 500	109 100	58,0
60,0	26,8	87,4	69 200	115 700	40,7	94,5	61 900	110 100	50,9	97,8	54 700	104 600	60,0
62,0	19,7	82,3	65 900	111 100	36,4	91,8	59 000	105 700	47,4	96,0	52 000	100 500	62,0
64,0	6,4	72,3	62 500	98 700	31,5	88,7	56 200	101 600	43,6	93,9	49 500	96 600	64,0
66,0					25,7	84,7	53 500	97 800	39,6	91,5	47 100	92 900	66,0
68,0					18,2	79,3	50 900	94 100	35,1	88,7	44 900	89 500	68,0
72,0									23,9	81,1	40 600	83 100	72,0

MLC650 VPC-MAX S-3

ASME B30.5



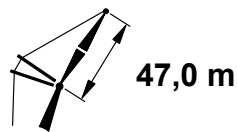
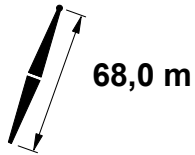
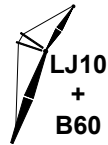
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,8	115,7	159 000	159 000									22,9
24,0	72,3	115,3	158 900	158 900									24,0
26,0	69,7	114,6	158 300	158 300	72,8	115,2	159 000	159 000					26,0
28,0	67,1	113,7	157 100	157 100	70,2	114,4	159 000	159 000					28,0
30,0	64,3	112,7	155 300	155 300	67,5	113,6	159 000	159 000					30,0
32,0	61,6	111,6	149 000	149 000	64,8	112,6	158 800	158 800	69,6	113,6	157 700	157 700	32,0
34,0	58,7	110,4	139 200	139 200	62,1	111,6	157 700	157 700	66,9	112,8	156 000	157 700	34,0
36,0	55,8	109,0	130 600	130 600	59,2	110,4	154 000	154 000	64,2	111,8	147 300	157 700	36,0
38,0	52,7	107,5	123 000	123 000	56,3	109,0	145 600	145 800	61,4	110,7	137 800	157 700	38,0
40,0	49,5	105,8	116 500	116 500	53,3	107,5	136 700	136 900	58,5	109,5	129 400	157 700	40,0
42,0	46,1	103,9	110 900	110 900	50,1	105,8	128 700	129 200	55,6	108,1	121 700	157 000	42,0
44,0	42,5	101,7	106 100	106 100	46,7	104,0	121 400	122 400	52,5	106,6	114 800	153 400	44,0
46,0	38,6	99,2	100 700	100 700	43,2	101,8	114 700	116 700	49,3	104,8	108 400	146 100	46,0
48,0	34,4	96,4	96 000	96 000	39,4	99,4	108 600	111 200	45,9	102,9	102 600	138 300	48,0
50,0	29,5	92,9	92 100	92 100	35,2	96,6	103 000	105 700	42,3	100,7	97 300	131 300	50,0
52,0	23,8	88,6	89 400	89 400	30,5	93,3	97 800	101 000	38,4	98,2	92 300	124 700	52,0
54,0	15,9	82,6	87 000	87 000	24,9	89,2	92 900	97 500	34,1	95,3	87 800	118 600	54,0
56,0					17,6	83,6	88 300	95 600	29,2	91,8	83 500	113 200	56,0
58,0									23,4	87,5	79 400	108 700	58,0
60,0									15,4	81,2	75 500	97 500	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

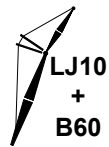
ASME B30.5



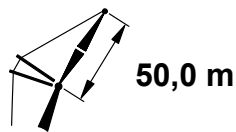
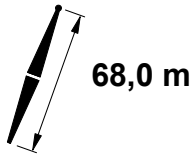
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,1	109,2	103 900	153 600									44,0
46,0	58,2	108,0	98 000	153 500									46,0
48,0	55,3	106,6	92 700	150 100									48,0
50,0	52,2	105,0	87 800	142 900									50,0
52,0	48,9	103,3	83 300	136 400	57,7	105,9	74 400	129 700					52,0
54,0	45,5	101,3	79 100	130 400	54,7	104,4	70 600	123 900					54,0
56,0	41,9	99,1	75 200	124 800	51,6	102,8	67 000	118 600					56,0
58,0	38,0	96,6	71 600	119 500	48,4	101,1	63 700	113 600					58,0
60,0	33,6	93,6	68 100	114 700	44,9	99,1	60 600	109 000	53,9	101,7	53 200	103 500	60,0
62,0	28,7	90,1	64 900	110 200	41,2	96,8	57 700	104 700	50,8	100,0	50 600	99 300	62,0
64,0	22,7	85,6	61 800	105 900	37,2	94,2	54 900	100 600	47,4	98,2	48 100	95 400	64,0
66,0	14,2	79,0	58 800	98 600	32,8	91,2	52 400	96 800	43,9	96,1	45 800	91 800	66,0
68,0					27,7	87,5	49 900	93 200	40,2	93,8	43 600	88 400	68,0
72,0									31,5	87,9	39 400	82 100	72,0
76,0									19,4	78,8	35 600	76 500	76,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,8	118,8	148 000	148 000									22,9
24,0	73,4	118,5	148 000	148 000									24,0
26,0	71,0	117,8	147 800	147 800									26,0
28,0	68,5	117,0	147 000	147 000	71,4	117,6	148 200	148 200					28,0
30,0	66,0	116,1	145 700	145 700	69,0	116,8	148 200	148 200					30,0
32,0	63,4	115,0	143 800	143 800	66,5	115,9	148 200	148 200					32,0
34,0	60,8	113,9	136 800	136 800	63,9	115,0	147 500	147 500	68,4	116,1	146 700	146 700	34,0
36,0	58,1	112,7	129 500	129 500	61,3	113,9	146 500	146 500	65,9	115,1	145 100	146 700	36,0
38,0	55,3	111,3	122 100	122 100	58,6	112,6	141 900	141 900	63,3	114,1	137 500	146 700	38,0
40,0	52,4	109,7	115 400	115 400	55,8	111,3	134 900	134 900	60,7	113,0	129 100	146 700	40,0
42,0	49,4	108,0	109 400	109 400	52,9	109,7	128 000	128 000	57,9	111,7	121 400	146 700	42,0
44,0	46,2	106,1	103 600	103 600	49,9	108,1	121 100	121 200	55,1	110,3	114 500	146 700	44,0
46,0	42,9	104,0	98 000	98 000	46,8	106,2	114 500	114 700	52,2	108,8	108 200	142 300	46,0
48,0	39,3	101,5	93 100	93 100	43,5	104,1	108 500	108 600	49,2	107,0	102 400	135 500	48,0
50,0	35,3	98,7	88 700	88 700	39,9	101,7	102 900	103 000	46,0	105,1	97 100	128 700	50,0
52,0	31,0	95,5	85 000	85 000	36,1	99,0	97 700	97 900	42,7	103,0	92 100	122 200	52,0
54,0	25,9	91,5	82 200	82 200	31,8	95,8	92 900	93 500	39,0	100,5	87 600	116 000	54,0
56,0	19,5	86,4	80 600	80 600	26,9	92,0	88 400	89 900	35,1	97,7	83 300	110 300	56,0
58,0					20,8	87,2	84 100	87 500	30,7	94,4	79 400	105 200	58,0
60,0									25,6	90,4	75 600	101 100	60,0
62,0									19,1	85,2	72 000	95 600	62,0
64,0									8,1	75,8	68 500	81 800	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

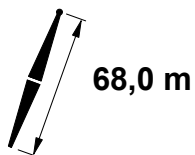
ASME B30.5



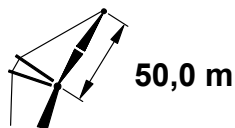
400 000 kg



360°



68,0 m

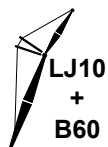


50,0 m

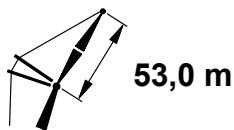
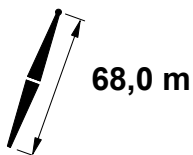
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	63,0	112,6	103 400	140 100									44,0
46,0	60,4	111,5	97 700	140 100									46,0
48,0	57,6	110,2	92 400	140 100									48,0
50,0	54,8	108,8	87 500	140 100									50,0
52,0	51,9	107,2	83 000	136 000									52,0
54,0	48,9	105,5	78 800	130 000	57,2	108,1	70 200	123 500					54,0
56,0	45,7	103,5	74 900	124 400	54,3	106,7	66 600	118 200					56,0
58,0	42,3	101,3	71 300	119 200	51,4	105,1	63 300	113 200					58,0
60,0	38,6	98,9	67 900	114 400	48,3	103,3	60 300	108 600					60,0
62,0	34,6	96,0	64 700	109 900	45,1	101,3	57 400	104 300					62,0
64,0	30,2	92,7	61 700	105 600	41,7	99,1	54 600	100 300	50,6	102,2	47 700	95 000	64,0
66,0	25,0	88,6	58 900	101 700	38,0	96,5	52 100	96 500	47,5	100,4	45 400	91 400	66,0
68,0	18,3	83,1	56 100	97 500	33,9	93,6	49 700	92 900	44,2	98,4	43 200	88 100	68,0
72,0					23,9	85,9	45 100	86 400	36,9	93,4	39 100	81 800	72,0
76,0									28,0	86,7	35 400	76 200	76,0
80,0									14,3	75,5	31 900	71 100	80,0

MLC650 VPC-MAX S-3

ASME B30.5



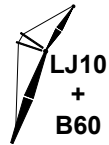
400 000 kg



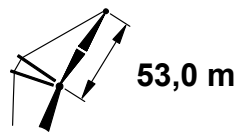
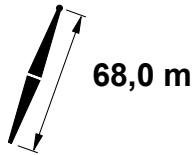
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,9	121,5	138 100	138 100									24,4
26,0	72,1	121,0	138 000	138 000									26,0
28,0	69,8	120,2	137 600	137 600									28,0
30,0	67,5	119,4	136 700	136 700	70,2	120,1	138 100	138 100					30,0
32,0	65,1	118,4	135 400	135 400	67,9	119,3	138 100	138 100					32,0
34,0	62,6	117,4	131 800	131 800	65,5	118,3	137 900	137 900					34,0
36,0	60,1	116,2	125 400	125 400	63,1	117,3	137 200	137 200	67,3	118,5	136 600	136 600	36,0
38,0	57,6	115,0	119 100	119 100	60,6	116,2	136 300	136 300	64,9	117,5	135 800	136 600	38,0
40,0	54,9	113,5	112 900	112 900	58,0	114,9	130 700	130 700	62,5	116,5	127 800	136 600	40,0
42,0	52,2	112,0	106 900	106 900	55,4	113,5	124 500	124 500	60,0	115,3	120 200	136 600	42,0
44,0	49,3	110,3	101 200	101 200	52,7	112,0	118 200	118 200	57,4	114,0	113 300	136 600	44,0
46,0	46,4	108,4	95 800	95 800	49,9	110,3	112 100	112 100	54,8	112,6	107 000	136 200	46,0
48,0	43,2	106,2	90 900	90 900	46,9	108,4	106 300	106 300	52,0	111,0	101 200	132 000	48,0
50,0	39,8	103,9	86 300	86 300	43,8	106,4	100 800	100 800	49,2	109,3	95 900	125 900	50,0
52,0	36,2	101,2	82 300	82 300	40,5	104,0	95 700	95 700	46,2	107,4	91 000	119 800	52,0
54,0	32,2	98,1	78 900	78 900	36,9	101,4	91 100	91 100	43,0	105,3	86 500	113 900	54,0
56,0	27,7	94,4	76 100	76 100	33,0	98,4	87 000	87 000	39,6	102,9	82 300	108 300	56,0
58,0	22,3	89,8	74 200	74 200	28,6	94,8	83 300	83 600	36,0	100,1	78 300	103 100	58,0
60,0	14,9	83,3	73 100	73 100	23,3	90,4	79 400	81 000	32,0	97,0	74 700	98 400	60,0
62,0					16,5	84,4	75 600	79 800	27,4	93,3	71 200	94 400	62,0
64,0									21,9	88,6	67 900	91 100	64,0
66,0									14,4	81,9	64 600	82 200	66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

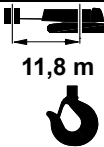
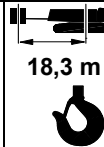
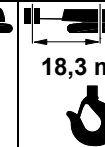
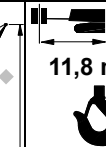
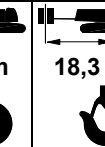
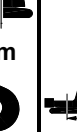
MLC650 VPC-MAX S-3

ASME B30.5



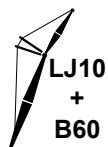
400 000 kg



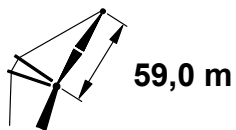
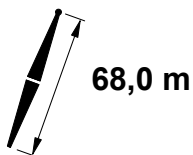
	 75°				 70°				 65°					
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 11,8 m  kg	 18,3 m  kg	 m	
24,4														24,4
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0	62,2	115,0	96 300	130 000										46,0
48,0	59,7	113,8	91 000	130 000										48,0
50,0	57,1	112,5	86 100	130 000										50,0
52,0	54,5	111,1	81 700	130 000										52,0
54,0	51,7	109,5	77 500	128 400										54,0
56,0	48,9	107,7	73 700	123 400	56,7	110,4	65 200	117 000						56,0
58,0	45,8	105,8	70 100	118 200	54,0	108,9	61 900	112 100						58,0
60,0	42,7	103,6	66 700	113 400	51,2	107,3	58 900	107 500						60,0
62,0	39,3	101,2	63 600	108 900	48,3	105,5	56 000	103 200						62,0
64,0	35,6	98,5	60 600	104 700	45,3	103,6	53 300	99 200	53,3	106,1	46 200	93 900		64,0
66,0	31,5	95,3	57 800	100 700	42,1	101,4	50 800	95 400	50,5	104,5	44 000	90 300		66,0
68,0	26,9	91,5	55 100	97 000	38,6	98,9	48 400	91 900	47,5	102,7	41 800	86 900		68,0
72,0					30,7	92,8	44 000	85 400	41,2	98,4	37 800	80 800		72,0
76,0					20,1	83,8	39 900	79 500	33,8	92,9	34 200	75 200		76,0
80,0									24,5	85,3	30 900	70 200		80,0

MLC650 VPC-MAX S-3

ASME B30.5



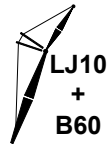
400 000 kg



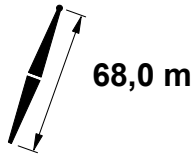
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,1	127,3	119 700	119 700									25,9
26,0	74,0	127,3	119 700	119 700									26,0
28,0	72,0	126,6	119 700	119 700									28,0
30,0	69,9	125,9	119 300	119 300									30,0
32,0	67,8	125,1	118 600	118 600									32,0
34,0	65,6	124,1	117 700	117 700	70,3	125,7	119 400	119 400					34,0
36,0	63,5	123,1	116 000	116 000	68,2	124,9	119 400	119 400					36,0
38,0	61,3	122,0	111 800	111 800	66,0	124,0	119 400	119 400					38,0
40,0	59,0	120,8	106 700	106 700	63,9	123,0	119 100	119 100	67,7	124,1	117 200	117 200	40,0
42,0	56,7	119,5	101 600	101 600	61,7	122,0	118 500	118 500	65,5	123,2	117 200	117 200	42,0
44,0	54,3	118,1	96 600	96 600	59,4	120,8	116 500	116 500	63,3	122,2	116 600	117 200	44,0
46,0	51,8	116,5	91 800	91 800	57,1	119,5	112 000	112 000	61,1	121,1	111 700	117 200	46,0
48,0	49,2	114,7	87 200	87 200	54,7	118,0	106 900	106 900	58,9	119,9	105 400	117 200	48,0
50,0	46,5	112,9	82 800	82 800	52,2	116,5	101 900	101 900	56,5	118,6	99 700	117 200	50,0
52,0	43,7	110,8	78 800	78 800	49,7	114,8	97 000	97 000	54,1	117,1	94 400	117 200	52,0
54,0	40,8	108,5	75 000	75 000	47,0	112,9	92 300	92 300	51,6	115,5	89 500	114 500	54,0
56,0	37,6	105,9	71 600	71 600	44,3	110,9	87 800	87 800	49,1	113,8	85 100	109 600	56,0
58,0	34,2	103,0	68 600	68 600	41,3	108,6	83 600	83 600	46,4	111,9	80 900	104 600	58,0
60,0	30,4	99,7	66 000	66 000	38,2	106,1	79 700	79 700	43,6	109,8	77 000	99 800	60,0
62,0	26,2	95,7	64 000	64 000	34,8	103,3	76 200	76 200	40,6	107,5	73 400	95 200	62,0
64,0	21,0	90,9	62 600	62 600	31,2	100,0	73 100	73 100	37,4	104,9	69 900	90 800	64,0
66,0	14,1	84,0	61 700	61 700	27,0	96,2	70 400	70 400	34,0	102,0	66 700	86 700	66,0
68,0					22,1	91,6	68 100	68 500	30,2	98,6	63 700	83 100	68,0
72,0					15,6	85,2	65 000	67 700	25,9	94,6	60 800	80 000	72,0
76,0									13,6	82,6	55 400	69 900	76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

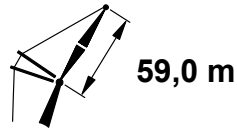
ASME B30.5



400 000 kg



68,0 m

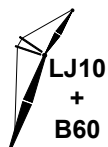


59,0 m

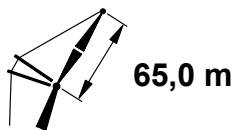
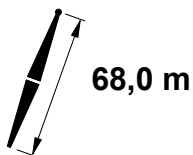
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	63,1	120,7	89 200	111 600									48,0
50,0	60,9	119,6	84 400	111 600									50,0
52,0	58,6	118,4	79 900	111 600									52,0
54,0	56,3	117,0	75 800	111 600									54,0
56,0	53,9	115,6	72 000	111 600									56,0
58,0	51,4	114,0	68 400	111 600	58,2	116,3	60 100	105 200					58,0
60,0	48,8	112,2	65 100	111 000	55,8	114,9	57 100	104 700					60,0
62,0	46,1	110,3	62 000	107 500	53,4	113,4	54 200	101 700					62,0
64,0	43,3	108,2	59 100	103 300	50,9	111,8	51 600	97 700					64,0
66,0	40,3	105,8	56 400	99 400	48,3	110,0	49 100	94 000					66,0
68,0	37,1	103,2	53 800	95 800	45,6	108,1	46 700	90 500	52,8	110,6	39 900	85 400	68,0
72,0	29,8	96,8	49 000	89 000	39,7	103,5	42 400	84 100	47,6	107,2	36 000	79 300	72,0
76,0	20,1	87,7	44 600	81 800	33,0	97,8	38 500	78 300	42,0	102,9	32 500	73 800	76,0
80,0					24,5	90,1	34 900	73 100	35,6	97,7	29 300	68 900	80,0
84,0									27,9	90,9	26 300	64 400	84,0
88,0									17,2	80,6	23 500	60 300	88,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



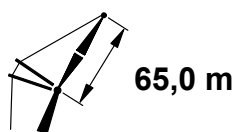
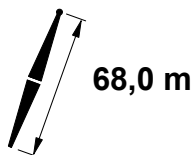
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,2	133,1	104 200	104 200									27,4
28,0	73,7	133,0	104 200	104 200									28,0
30,0	71,8	132,3	104 000	104 000									30,0
32,0	69,9	131,6	103 700	103 700	72,2	132,1	103 800	103 800					32,0
34,0	68,0	130,7	103 100	103 100	70,3	131,4	103 800	103 800					34,0
36,0	66,1	129,8	102 400	102 400	68,4	130,6	103 800	103 800					36,0
38,0	64,1	128,9	101 500	101 500	66,5	129,7	103 800	103 800					38,0
40,0	62,2	127,8	99 100	99 100	64,5	128,8	103 500	103 500	67,9	129,8	101 600	101 600	40,0
42,0	60,1	126,6	95 100	95 100	62,5	127,7	103 000	103 000	66,0	128,9	101 600	101 600	42,0
44,0	58,0	125,4	91 000	91 000	60,5	126,6	102 400	102 400	64,0	127,9	101 600	101 600	44,0
46,0	55,9	124,0	86 900	86 900	58,4	125,3	100 100	100 100	62,0	126,9	101 300	101 600	46,0
48,0	53,7	122,5	82 900	82 900	56,3	124,0	96 100	96 100	60,0	125,7	98 100	101 600	48,0
50,0	51,5	121,0	79 000	79 000	54,1	122,5	92 000	92 000	57,9	124,4	92 900	101 600	50,0
52,0	49,1	119,2	75 300	75 300	51,9	121,0	87 900	87 900	55,8	123,1	88 000	101 600	52,0
54,0	46,7	117,3	71 700	71 700	49,6	119,3	84 000	84 000	53,6	121,6	83 600	101 600	54,0
56,0	44,2	115,3	68 400	68 400	47,2	117,4	80 200	80 200	51,3	120,0	79 400	99 300	56,0
58,0	41,5	113,0	65 300	65 300	44,7	115,4	76 500	76 500	49,0	118,3	75 500	95 300	58,0
60,0	38,7	110,6	62 500	62 500	42,0	113,2	73 000	73 000	46,6	116,4	71 900	91 300	60,0
62,0	35,7	107,8	59 900	59 900	39,3	110,7	69 800	69 800	44,0	114,3	68 600	87 400	62,0
64,0	32,5	104,7	57 600	57 600	36,3	108,1	66 700	66 700	41,4	112,0	65 400	83 600	64,0
66,0	28,9	101,2	55 700	55 700	33,1	105,0	64 100	64 100	38,6	109,6	62 400	80 000	66,0
68,0	24,8	97,0	54 100	54 100	29,6	101,6	61 700	61 700	35,6	106,8	59 600	76 500	68,0
72,0	13,4	84,7	52 300	52 300	20,9	92,6	58 100	58 300	28,7	100,1	54 400	70 500	72,0
76,0									19,7	90,7	49 600	66 200	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



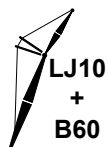
400 000 kg



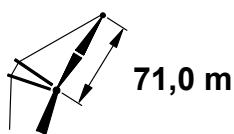
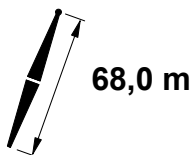
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	61,8	125,4	78 200	97 000									52,0
54,0	59,8	124,2	74 100	97 000									54,0
56,0	57,7	122,9	70 300	97 000									56,0
58,0	55,6	121,6	66 800	97 000									58,0
60,0	53,4	120,1	63 500	97 000	59,4	122,1	55 200	89 200					60,0
62,0	51,1	118,4	60 400	97 000	57,3	120,8	52 400	89 200					62,0
64,0	48,7	116,7	57 500	97 000	55,2	119,4	49 800	89 200					64,0
66,0	46,3	114,8	54 800	96 700	53,0	117,9	47 300	89 200					66,0
68,0	43,8	112,7	52 200	94 400	50,7	116,3	45 000	88 500					68,0
72,0	38,3	107,9	47 500	87 700	45,9	112,6	40 700	82 700	52,4	115,1	34 100	77 800	72,0
76,0	31,9	102,0	43 300	81 700	40,6	108,1	36 900	77 000	47,7	111,6	30 700	72 300	76,0
80,0	24,1	94,0	39 400	75 800	34,7	102,7	33 400	71 900	42,6	107,5	27 600	67 500	80,0
84,0					27,6	95,8	30 200	67 200	36,9	102,5	24 700	63 100	84,0
88,0					18,0	85,7	27 200	62 900	30,4	96,2	22 100	59 000	88,0
92,0									22,0	87,6	19 600	55 300	92,0
96,0									6,2	70,1	17 000	51 800	96,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



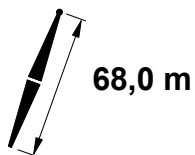
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,3	138,9	90 700	90 700									29,0
30,0	73,4	138,6	90 600	90 600									30,0
32,0	71,7	137,9	90 400	90 400									32,0
34,0	70,0	137,2	90 000	90 000	72,0	137,8	90 000	90 000					34,0
36,0	68,2	136,4	89 600	89 600	70,3	137,0	90 000	90 000					36,0
38,0	66,5	135,5	89 100	89 100	68,6	136,2	90 000	90 000					38,0
40,0	64,7	134,5	88 400	88 400	66,8	135,4	89 900	89 900					40,0
42,0	62,9	133,5	87 700	87 700	65,0	134,4	89 700	89 700	68,1	135,5	87 900	87 900	42,0
44,0	61,0	132,4	85 200	85 200	63,2	133,4	89 300	89 300	66,4	134,6	87 900	87 900	44,0
46,0	59,1	131,2	81 900	81 900	61,4	132,3	88 900	88 900	64,6	133,6	87 900	87 900	46,0
48,0	57,2	129,9	78 500	78 500	59,5	131,1	88 400	88 400	62,8	132,6	87 900	87 900	48,0
50,0	55,3	128,5	75 200	75 200	57,6	129,9	86 600	86 600	60,9	131,5	87 900	87 900	50,0
52,0	53,2	127,0	72 000	72 000	55,6	128,5	83 400	83 400	59,0	130,3	87 000	87 900	52,0
54,0	51,2	125,4	68 800	68 800	53,6	127,0	80 100	80 100	57,1	129,0	82 500	87 900	54,0
56,0	49,0	123,7	65 700	65 700	51,6	125,4	76 800	76 800	55,1	127,6	78 400	87 900	56,0
58,0	46,8	121,8	62 800	62 800	49,4	123,7	73 500	73 500	53,1	126,1	74 500	87 900	58,0
60,0	44,5	119,8	60 100	60 100	47,2	121,8	70 400	70 400	51,0	124,4	70 900	87 000	60,0
62,0	42,1	117,5	57 500	57 500	44,9	119,8	67 400	67 400	48,9	122,7	67 600	83 800	62,0
64,0	39,6	115,1	55 100	55 100	42,6	117,7	64 500	64 500	46,7	120,8	64 400	80 600	64,0
66,0	36,9	112,5	52 900	52 900	40,1	115,3	61 700	61 700	44,4	118,8	61 500	77 300	66,0
68,0	34,1	109,6	50 900	50 900	37,4	112,7	59 200	59 200	42,0	116,6	58 700	74 200	68,0
72,0	27,6	102,6	47 600	47 600	31,6	106,7	54 700	54 700	36,8	111,5	53 600	68 200	72,0
76,0	19,0	92,8	45 700	45 700	24,4	98,8	51 300	51 300	30,8	105,3	49 000	63 000	76,0
80,0					14,0	86,6	48 400	49 100	23,4	97,1	44 700	58 800	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

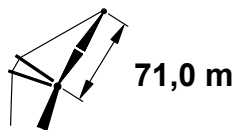
ASME B30.5



400 000 kg



68,0 m

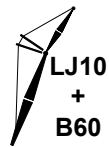


71,0 m

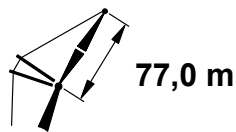
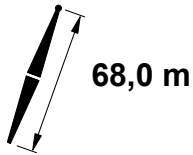
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	64,4	132,1	76 900	82 300									52,0
54,0	62,6	131,1	72 800	82 300									54,0
56,0	60,7	130,0	69 100	82 300									56,0
58,0	58,8	128,8	65 600	82 300									58,0
60,0	56,9	127,4	62 300	82 300									60,0
62,0	54,9	126,0	59 200	82 300									62,0
64,0	52,9	124,5	56 400	82 300	58,5	126,7	48 500	75 800					64,0
66,0	50,8	122,9	53 700	82 300	56,6	125,3	46 100	75 800					66,0
68,0	48,7	121,1	51 200	82 300	54,6	123,9	43 800	75 800					68,0
72,0	44,1	117,2	46 500	82 300	50,4	120,7	39 500	75 800					72,0
76,0	39,2	112,5	42 300	80 800	46,0	117,0	35 800	75 700	52,0	119,6	29 400	69 900	76,0
80,0	33,6	106,8	38 500	75 500	41,3	112,7	32 300	70 900	47,7	116,1	26 300	66 400	80,0
84,0	27,0	99,7	35 000	69 400	36,0	107,4	29 200	66 300	43,1	112,0	23 500	62 100	84,0
88,0	18,1	89,5	31 800	60 300	29,8	101,0	26 400	62 100	38,0	107,1	21 000	58 100	88,0
92,0					22,2	92,4	23 700	58 300	32,2	101,2	18 600	54 400	92,0
96,0					9,5	77,2	21 000	54 600	25,3	93,5	16 400	51 100	96,0
100,0									15,5	82,1	14 200	47 900	100,0

MLC650 VPC-MAX S-3

ASME B30.5



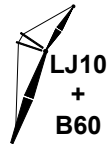
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,4	144,7	78 100	78 100									30,5
32,0	73,2	144,3	78 000	78 000									32,0
34,0	71,6	143,6	77 800	77 800									34,0
36,0	70,0	142,8	77 500	77 500	71,9	143,4	77 300	77 300					36,0
38,0	68,4	142,0	77 100	77 100	70,3	142,7	77 300	77 300					38,0
40,0	66,8	141,2	76 700	76 700	68,7	141,9	77 300	77 300					40,0
42,0	65,2	140,2	76 200	76 200	67,1	141,1	77 200	77 200					42,0
44,0	63,5	139,2	75 700	75 700	65,5	140,1	77 000	77 000	68,3	141,1	75 300	75 300	44,0
46,0	61,8	138,2	75 000	75 000	63,8	139,1	76 700	76 700	66,7	140,3	75 300	75 300	46,0
48,0	60,1	137,0	73 200	73 200	62,1	138,1	76 400	76 400	65,1	139,3	75 300	75 300	48,0
50,0	58,3	135,8	70 600	70 600	60,4	136,9	76 000	76 000	63,4	138,3	75 300	75 300	50,0
52,0	56,6	134,4	67 900	67 900	58,7	135,7	75 600	75 600	61,7	137,2	75 300	75 300	52,0
54,0	54,7	133,0	65 200	65 200	56,9	134,4	74 700	74 700	60,0	136,1	75 300	75 300	54,0
56,0	52,9	131,5	62 600	62 600	55,1	133,0	72 400	72 400	58,2	134,8	75 300	75 300	56,0
58,0	50,9	129,9	60 000	60 000	53,2	131,5	69 700	69 700	56,4	133,5	72 900	75 300	58,0
60,0	49,0	128,1	57 500	57 500	51,3	129,9	67 000	67 000	54,6	132,1	69 300	75 300	60,0
62,0	46,9	126,3	55 100	55 100	49,3	128,2	64 400	64 400	52,8	130,6	66 000	75 300	62,0
64,0	44,8	124,3	52 800	52 800	47,3	126,3	61 900	61 900	50,8	128,9	62 800	75 300	64,0
66,0	42,6	122,1	50 700	50 700	45,2	124,3	59 400	59 400	48,9	127,2	59 900	73 500	66,0
68,0	40,3	119,7	48 600	48 600	43,0	122,2	57 000	57 000	46,8	125,3	57 100	70 900	68,0
72,0	35,4	114,4	45 000	45 000	38,4	117,4	52 500	52 500	42,5	121,1	52 100	65 700	72,0
76,0	29,7	107,9	42 000	42 000	33,2	111,6	48 700	48 700	37,8	116,2	47 500	60 800	76,0
80,0	22,7	99,4	39 900	39 900	27,0	104,4	45 500	45 500	32,5	110,3	43 400	56 300	80,0
84,0	12,1	85,8	38 800	38 800	19,1	94,6	43 200	43 400	26,2	102,9	39 600	52 500	84,0
88,0									17,9	92,5	36 100	48 900	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

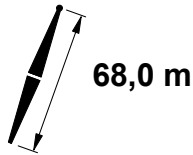
ASME B30.5



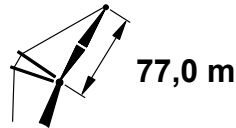
400 000 kg



360°



68,0 m

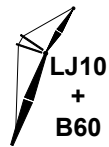


77,0 m

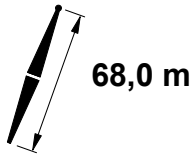
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	63,2	136,8	67 200	70 500									56,0
58,0	61,5	135,7	63 700	70 500									58,0
60,0	59,8	134,6	60 500	70 500									60,0
62,0	58,0	133,3	57 400	70 500									62,0
64,0	56,3	132,0	54 600	70 500									64,0
66,0	54,4	130,5	51 900	70 500	59,5	132,5	44 100	64 700					66,0
68,0	52,5	129,0	49 400	70 500	57,7	131,2	41 900	64 700					68,0
72,0	48,6	125,6	44 800	70 500	54,1	128,4	37 700	64 700					72,0
76,0	44,5	121,7	40 700	70 500	50,3	125,2	33 900	64 700					76,0
80,0	40,0	117,1	36 900	70 500	46,2	121,5	30 600	64 700	51,7	124,1	24 400	60 500	80,0
84,0	34,9	111,7	33 500	68 500	41,9	117,2	27 500	64 600	47,7	120,6	21 700	60 300	84,0
88,0	29,2	105,1	30 400	62 500	37,1	112,2	24 700	60 800	43,5	116,5	19 200	56 600	88,0
92,0	22,0	96,3	27 500	56 400	31,7	106,1	22 100	57 000	38,9	111,8	16 800	53 000	92,0
96,0	10,8	81,8	24 600	45 700	25,2	98,4	19 700	53 500	33,7	106,1	14 700	49 700	96,0
100,0					16,4	87,3	17 400	50 200	27,7	99,1	12 700	46 700	100,0
104,0									20,1	89,6	10 800	43 800	104,0
108,0									5,4	70,3		41 000	108,0

MLC650 VPC-MAX S-3

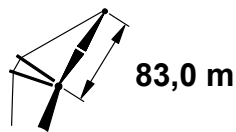
ASME B30.5



400 000 kg



68,0 m

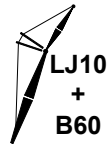


83,0 m

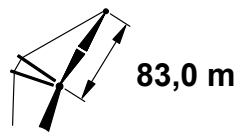
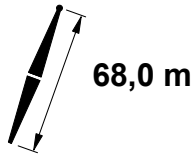
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,4	150,5	68 300	68 300									32,0
34,0	73,0	149,9	68 000	68 000									34,0
36,0	71,5	149,2	67 700	67 700									36,0
38,0	70,1	148,5	67 400	67 400	71,8	149,1	67 400	67 400					38,0
40,0	68,6	147,7	67 100	67 100	70,3	148,4	67 400	67 400					40,0
42,0	67,1	146,9	66 700	66 700	68,9	147,6	67 300	67 300					42,0
44,0	65,6	145,9	66 300	66 300	67,4	146,7	67 100	67 100					44,0
46,0	64,0	145,0	65 800	65 800	65,8	145,8	66 900	66 900	68,5	146,8	65 500	65 500	46,0
48,0	62,5	143,9	65 300	65 300	64,3	144,9	66 700	66 700	67,0	146,0	65 500	65 500	48,0
50,0	60,9	142,8	64 800	64 800	62,8	143,8	66 400	66 400	65,5	145,0	65 500	65 500	50,0
52,0	59,3	141,6	63 100	63 100	61,2	142,7	66 100	66 100	63,9	144,0	65 500	65 500	52,0
54,0	57,6	140,3	60 800	60 800	59,6	141,5	65 700	65 700	62,4	143,0	65 500	65 500	54,0
56,0	56,0	139,0	58 600	58 600	57,9	140,3	65 300	65 300	60,8	141,9	65 500	65 500	56,0
58,0	54,3	137,5	56 500	56 500	56,3	138,9	64 900	64 900	59,2	140,7	65 500	65 500	58,0
60,0	52,5	136,0	54 300	54 300	54,6	137,5	62 800	62 800	57,5	139,4	65 500	65 500	60,0
62,0	50,7	134,4	52 200	52 200	52,8	136,0	60 600	60 600	55,9	138,0	64 600	65 500	62,0
64,0	48,9	132,6	50 200	50 200	51,1	134,4	58 400	58 400	54,2	136,6	61 800	65 500	64,0
66,0	47,0	130,7	48 200	48 200	49,3	132,7	56 300	56 300	52,4	135,0	58 900	65 400	66,0
68,0	45,1	128,8	46 300	46 300	47,4	130,8	54 200	54 200	50,6	133,4	56 100	65 200	68,0
72,0	41,0	124,3	42 800	42 800	43,4	126,7	50 100	50 100	46,9	129,8	51 100	62 200	72,0
76,0	36,5	119,2	39 700	39 700	39,2	122,0	46 400	46 400	42,9	125,6	46 600	58 000	76,0
80,0	31,4	113,0	37 100	37 100	34,5	116,5	43 100	43 100	38,6	120,8	42 500	53 900	80,0
84,0	25,4	105,3	35 100	35 100	29,1	109,8	40 400	40 400	33,9	115,2	38 800	50 100	84,0
88,0	17,5	94,6	34 100	34 100	22,5	101,2	38 300	38 300	28,4	108,3	35 400	46 800	88,0
92,0					12,9	87,9	35 300	36 200	21,6	99,3	32 200	44 200	92,0
96,0									11,2	84,9	29 200	37 200	96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

ASME B30.5



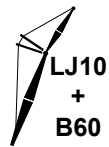
400 000 kg



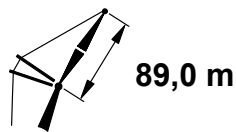
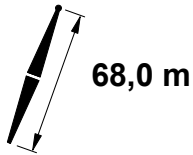
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	63,8	142,6	61 500	61 600									58,0
60,0	62,2	141,5	59 200	61 600									60,0
62,0	60,6	140,4	56 200	61 600									62,0
64,0	59,0	139,2	53 400	61 600									64,0
66,0	57,4	137,9	50 700	61 600									66,0
68,0	55,7	136,5	48 200	61 600									68,0
72,0	52,2	133,5	43 700	61 600	57,1	135,8	36 400	56 500					72,0
76,0	48,6	130,1	39 600	61 600	53,7	132,9	32 700	56 500					76,0
80,0	44,8	126,2	35 900	61 600	50,1	129,7	29 400	56 500					80,0
84,0	40,6	121,7	32 500	61 600	46,4	126,0	26 400	56 500	51,4	128,6	20 400	52 500	84,0
88,0	36,1	116,5	29 500	61 400	42,4	121,8	23 600	56 500	47,8	125,0	17 900	52 500	88,0
92,0	30,9	110,2	26 600	56 500	38,0	116,9	21 100	56 000	43,9	121,0	15 700	52 000	92,0
96,0	24,8	102,3	24 000	51 600	33,1	111,1	18 700	52 600	39,6	116,4	13 600	48 800	96,0
100,0	16,7	91,2	21 500	44 300	27,5	104,0	16 500	49 500	35,0	111,0	11 600	45 800	100,0
104,0					20,4	94,6	14 500	46 500	29,7	104,4	9 800	43 000	104,0
108,0					8,7	78,1	12 400	40 300	23,3	96,0		40 400	108,0
112,0									14,2	83,6		37 900	112,0

MLC650 VPC-MAX S-3

ASME B30.5



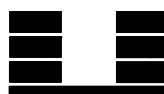
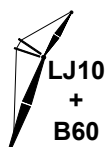
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,5	156,3	58 700	58 700									33,5
34,0	74,2	156,2	58 700	58 700									34,0
36,0	72,8	155,6	58 500	58 500									36,0
38,0	71,5	154,9	58 300	58 300									38,0
40,0	70,1	154,2	58 000	58 000	71,7	154,7	58 000	58 000					40,0
42,0	68,7	153,4	57 700	57 700	70,4	154,0	57 800	57 800					42,0
44,0	67,3	152,5	57 300	57 300	69,0	153,2	57 700	57 700					44,0
46,0	65,9	151,6	56 900	56 900	67,6	152,4	57 500	57 500					46,0
48,0	64,5	150,7	56 500	56 500	66,2	151,5	57 300	57 300	68,6	152,5	56 100	56 100	48,0
50,0	63,0	149,7	56 100	56 100	64,7	150,6	57 000	57 000	67,2	151,6	56 100	56 100	50,0
52,0	61,6	148,6	55 600	55 600	63,3	149,6	56 700	56 700	65,8	150,7	56 100	56 100	52,0
54,0	60,1	147,4	55 100	55 100	61,8	148,5	56 400	56 400	64,4	149,8	56 100	56 100	54,0
56,0	58,6	146,2	54 200	54 200	60,4	147,3	56 100	56 100	63,0	148,7	56 100	56 100	56,0
58,0	57,0	144,9	52 500	52 500	58,8	146,1	55 800	55 800	61,5	147,6	56 100	56 100	58,0
60,0	55,5	143,5	50 700	50 700	57,3	144,8	55 400	55 400	60,0	146,5	56 000	56 000	60,0
62,0	53,9	142,0	48 900	48 900	55,8	143,5	55 000	55 000	58,5	145,2	55 800	55 800	62,0
64,0	52,2	140,5	47 200	47 200	54,2	142,0	54 400	54 400	56,9	143,9	55 700	55 700	64,0
66,0	50,6	138,8	45 500	45 500	52,5	140,5	52 700	52 700	55,4	142,6	55 500	55 500	66,0
68,0	48,9	137,1	43 800	43 800	50,9	138,9	50 900	50 900	53,8	141,1	54 300	55 300	68,0
72,0	45,3	133,3	40 600	40 600	47,4	135,3	47 500	47 500	50,5	137,9	49 400	54 900	72,0
76,0	41,5	128,9	37 700	37 700	43,8	131,3	44 100	44 100	47,0	134,3	44 900	54 400	76,0
80,0	37,4	123,9	35 000	35 000	39,8	126,6	41 100	41 100	43,3	130,2	40 800	51 100	80,0
84,0	32,8	118,0	32 700	32 700	35,5	121,3	38 200	38 200	39,4	125,5	37 100	47 800	84,0
88,0	27,5	110,9	30 900	30 900	30,7	115,0	35 800	35 800	35,0	120,0	33 800	44 700	88,0
92,0	21,0	101,6	29 700	29 700	25,1	107,1	33 900	33 900	30,1	113,5	30 700	41 800	92,0
96,0	11,2	86,9	28 600	28 600	17,7	96,4	31 100	32 600	24,3	105,5	27 800	39 400	96,0
100,0									16,6	94,2	25 100	35 300	100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

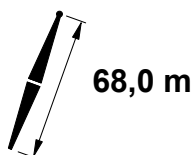
ASME B30.5



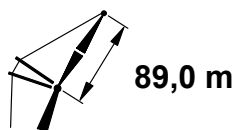
400 000 kg



360°



68,0 m

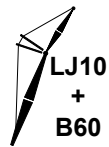


89,0 m

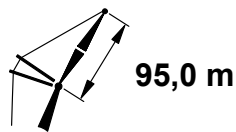
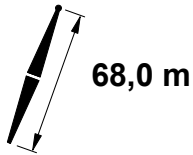
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0	64,2	148,3	52 000	52 000									60,0
62,0	62,8	147,2	52 000	52 000									62,0
64,0	61,3	146,1	51 400	52 000									64,0
66,0	59,8	145,0	48 800	52 000									66,0
68,0	58,3	143,7	46 300	52 000									68,0
72,0	55,2	141,0	41 800	52 000	59,6	142,9	34 400	47 600					72,0
76,0	52,0	138,0	37 700	52 000	56,5	140,3	30 700	47 600					76,0
80,0	48,6	134,6	34 000	52 000	53,3	137,4	27 400	47 600					80,0
84,0	45,0	130,7	30 700	52 000	50,0	134,2	24 400	47 600	54,5	136,2	18 300	43 700	84,0
88,0	41,2	126,3	27 700	52 000	46,5	130,5	21 700	47 600	51,2	133,0	15 900	43 700	88,0
92,0	37,0	121,2	24 900	52 000	42,8	126,3	19 200	47 600	47,8	129,5	13 700	43 700	92,0
96,0	32,4	115,2	22 300	50 300	38,8	121,5	16 900	47 600	44,2	125,5	11 600	43 700	96,0
100,0	27,0	108,0	20 000	46 000	34,3	115,9	14 800	47 600	40,3	121,0	9 700	43 700	100,0
104,0	20,4	98,5	17 700	41 000	29,3	109,3	12 800	45 100	36,0	115,7		41 500	104,0
108,0	10,0	82,8	15 500	32 500	23,4	100,9	10 900	42 400	31,3	109,5		39 000	108,0
112,0					15,2	88,9		38 700	25,7	101,9		36 600	112,0
116,0									18,6	91,6		34 300	116,0

MLC650 VPC-MAX S-3

ASME B30.5



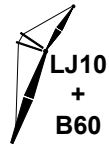
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,6	162,1	51 200	51 200									35,1
36,0	74,0	161,9	51 100	51 100									36,0
38,0	72,7	161,2	50 700	50 700									38,0
40,0	71,4	160,6	50 500	50 500									40,0
42,0	70,1	159,8	50 200	50 200									42,0
44,0	68,8	159,1	49 900	49 900	71,6	160,4	50 200	50 200					44,0
46,0	67,5	158,2	49 600	49 600	70,4	159,7	50 000	50 000					46,0
48,0	66,2	157,3	49 200	49 200	69,1	158,9	49 900	49 900					48,0
50,0	64,9	156,4	48 900	48 900	67,8	158,1	49 700	49 700					50,0
52,0	63,5	155,4	48 500	48 500	66,4	157,2	49 500	49 500	68,8	158,1	48 500	48 500	52,0
54,0	62,2	154,3	48 100	48 100	65,1	156,3	49 200	49 200	67,5	157,3	48 500	48 500	54,0
56,0	60,8	153,2	47 700	47 700	63,8	155,3	49 000	49 000	66,1	156,4	48 500	48 500	56,0
58,0	59,4	152,0	47 300	47 300	62,4	154,2	48 700	48 700	64,8	155,5	48 400	48 400	58,0
60,0	57,9	150,7	46 700	46 700	61,0	153,1	48 400	48 400	63,4	154,5	48 300	48 300	60,0
62,0	56,5	149,4	45 400	45 400	59,6	151,9	48 100	48 100	62,1	153,4	48 200	48 200	62,0
64,0	55,0	148,0	43 900	43 900	58,2	150,7	47 700	47 700	60,7	152,3	48 100	48 100	64,0
66,0	53,5	146,5	42 500	42 500	56,8	149,4	47 400	47 400	59,3	151,1	47 900	47 900	66,0
68,0	52,0	145,0	41 000	41 000	55,3	148,0	47 100	47 100	57,9	149,8	47 800	47 800	68,0
72,0	48,8	141,6	38 200	38 200	53,8	146,5	46 700	46 700	56,4	148,5	47 600	47 600	72,0
76,0	45,5	137,7	35 500	35 500	50,7	143,3	44 400	44 400	53,4	145,6	47 200	47 200	76,0
80,0	41,9	133,4	33 000	33 000	47,5	139,8	41 500	41 500	50,3	142,4	43 900	46 800	80,0
84,0	38,1	128,5	30 800	30 800	44,1	135,8	38 800	38 800	47,1	138,7	39 900	46 400	84,0
88,0	34,0	122,9	28 900	28 900	40,4	131,2	36 200	36 200	43,6	134,7	36 200	45 000	88,0
92,0	29,2	116,2	27 200	27 200	36,5	126,1	33 800	33 800	40,0	130,1	32 900	42 200	92,0
96,0	23,7	107,8	26 000	26 000	32,1	120,0	31 700	31 700	36,0	124,8	29 800	39 600	96,0
100,0	16,3	96,3	25 400	25 400	27,1	112,7	29 900	29 900	31,5	118,6	27 000	37 200	100,0
104,0					21,0	103,4	27 700	28 600	26,4	111,2	24 400	35 100	104,0
108,0					12,0	89,1	24 600	25 400	20,1	101,5	22 000	33 000	108,0
112,0									10,4	86,0	19 600	25 800	112,0
116,0													116,0
120,0													120,0
124,0													124,0

MLC650 VPC-MAX S-3

ASME B30.5



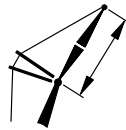
400 000 kg



360°



68,0 m

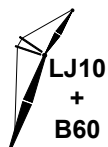


95,0 m

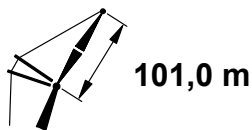
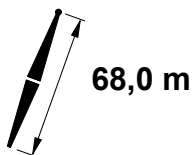
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	63,3	153,0	44 800	44 800								64,0
66,0	61,9	151,9	44 800	44 800								66,0
68,0	60,5	150,8	44 600	44 800								68,0
72,0	57,7	148,3	40 600	44 800								72,0
76,0	54,8	145,6	36 600	44 800	58,9	147,5	29 500	40 700				76,0
80,0	51,7	142,5	32 900	44 800	56,0	144,9	26 200	40 700				80,0
84,0	48,6	139,0	29 600	44 800	53,0	141,9	23 200	40 700				84,0
88,0	45,2	135,2	26 600	44 800	49,9	138,6	20 500	40 700	54,1	140,7	37 000	88,0
92,0	41,6	130,8	23 900	44 800	46,6	135,0	18 100	40 700	51,0	137,5	37 000	92,0
96,0	37,8	125,9	21 400	44 800	43,1	130,8	15 800	40 700	47,8	134,0	37 000	96,0
100,0	33,6	120,1	19 000	44 800	39,4	126,1	13 700	40 700	44,4	130,0	37 000	100,0
104,0	28,8	113,3	16 800	41 500	35,4	120,7	11 800	40 700	40,8	125,6	37 000	104,0
108,0	23,1	104,8	14 800	37 900	30,9	114,4	9 900	40 700	36,9	120,5	37 000	108,0
112,0	15,6	92,9	12 800	31 700	25,6	106,7		39 100	32,6	114,5	35 700	112,0
116,0					19,1	96,6		35 900	27,7	107,4	33 500	116,0
120,0					8,1	78,9		28 500	21,7	98,3	31 400	120,0
124,0									13,3	85,0	29 500	124,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,6	167,9	42 800	42 800									36,6
38,0	73,7	167,5	42 700	42 700									38,0
40,0	72,6	166,9	42 400	42 400									40,0
42,0	71,4	166,2	42 200	42 200									42,0
44,0	70,2	165,5	41 900	41 900	71,6	166,1	41 900	41 900					44,0
46,0	68,9	164,7	41 700	41 700	70,4	165,3	41 700	41 700					46,0
48,0	67,7	163,9	41 400	41 400	69,2	164,6	41 500	41 500					48,0
50,0	66,5	163,0	41 000	41 000	67,9	163,8	41 300	41 300					50,0
52,0	65,2	162,1	40 700	40 700	66,7	162,9	41 100	41 100	68,9	163,8	40 300	40 300	52,0
54,0	64,0	161,1	40 400	40 400	65,4	162,0	40 900	40 900	67,6	163,0	40 200	40 200	54,0
56,0	62,7	160,1	40 100	40 100	64,2	161,0	40 600	40 600	66,4	162,1	40 100	40 100	56,0
58,0	61,4	159,0	39 800	39 800	62,9	160,0	40 400	40 400	65,1	161,2	40 000	40 000	58,0
60,0	60,1	157,8	39 400	39 400	61,6	158,9	40 100	40 100	63,9	160,2	39 900	39 900	60,0
62,0	58,7	156,6	39 100	39 100	60,3	157,7	39 800	39 800	62,6	159,1	39 800	39 800	62,0
64,0	57,4	155,3	38 800	38 800	59,0	156,5	39 600	39 600	61,3	158,0	39 700	39 700	64,0
66,0	56,0	154,0	38 400	38 400	57,6	155,3	39 300	39 300	60,0	156,9	39 500	39 500	66,0
68,0	54,6	152,5	37 800	37 800	56,3	153,9	39 000	39 000	58,7	155,7	39 400	39 400	68,0
72,0	51,8	149,5	35 600	35 600	53,5	151,0	38 500	38 500	55,9	153,0	39 000	39 000	72,0
76,0	48,8	146,0	33 300	33 300	50,6	147,8	38 000	38 000	53,1	150,1	38 700	38 700	76,0
80,0	45,7	142,2	31 100	31 100	47,5	144,3	36 300	36 300	50,2	146,8	37 900	38 300	80,0
84,0	42,3	138,0	28 900	28 900	44,3	140,3	34 100	34 100	47,2	143,2	34 500	38 000	84,0
88,0	38,8	133,2	27 100	27 100	40,9	135,8	31 900	31 900	43,9	139,2	31 200	37 700	88,0
92,0	35,0	127,7	25 400	25 400	37,3	130,8	29 900	29 900	40,5	134,7	28 200	35 600	92,0
96,0	30,7	121,3	24 000	24 000	33,3	124,9	27 900	27 900	36,8	129,5	25 400	32 600	96,0
100,0	25,8	113,6	22 800	22 800	28,8	118,1	25 800	25 800	32,8	123,6	22 900	29 400	100,0
104,0	19,7	103,7	20 600	20 600	23,5	109,6	22 800	22 800	28,2	116,6	20 500	26 300	104,0
108,0	10,5	88,0	18 100	18 100	16,6	98,2	20 000	20 000	22,7	107,9	18 200	23 300	108,0
112,0									15,5	95,9	16 100	20 400	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

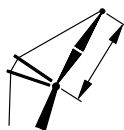
ASME B30.5



400 000 kg



68,0 m

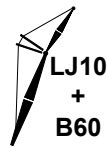


101,0 m

	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0	63,7	158,7	37 000	37 000								66,0
68,0	62,5	157,7	37 000	37 000								68,0
72,0	59,9	155,4	37 000	37 000								72,0
76,0	57,2	152,9	34 800	37 000								76,0
80,0	54,4	150,1	31 100	37 000	58,3	152,1	24 300	33 500				80,0
84,0	51,5	147,0	27 900	37 000	55,6	149,4	21 300	33 500				84,0
88,0	48,5	143,5	24 900	37 000	52,7	146,4	18 700	33 500				88,0
92,0	45,4	139,7	22 200	37 000	49,8	143,1	16 200	33 500	53,8	145,2	30 600	92,0
96,0	42,1	135,4	19 600	37 000	46,7	139,4	14 000	33 500	50,9	142,0	30 600	96,0
100,0	38,5	130,5	17 300	35 100	43,5	135,3	11 900	33 500	47,9	138,5	30 600	100,0
104,0	34,6	125,0	15 200	32 000	40,0	130,7	10 000	33 500	44,7	134,5	30 600	104,0
108,0	30,3	118,5	13 200	28 900	36,3	125,5		33 500	41,3	130,1	30 600	108,0
112,0	25,3	110,7	11 300	25 700	32,1	119,4		30 800	37,7	125,1	30 600	112,0
116,0	19,1	100,5		22 700	27,5	112,2		27 700	33,7	119,4	30 600	116,0
120,0	9,3	83,8		20 000	21,9	103,2		24 700	29,3	112,7	29 200	120,0
124,0					14,2	90,4		21 800	24,1	104,4	26 200	124,0
128,0									17,4	93,4	23 400	128,0

MLC650 VPC-MAX S-3

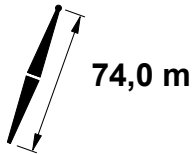
ASME B30.5



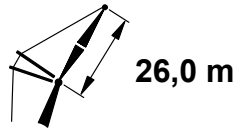
400 000 kg



360°



74,0 m

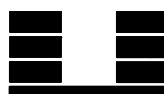
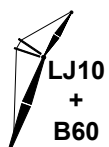


26,0 m

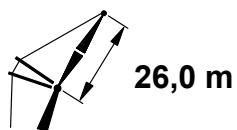
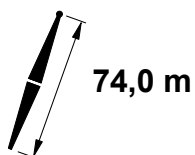
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	72,0	101,2	234 600 d	234 600 d									18,3
20,0	67,9	100,5	231 900 c	231 900 c									20,0
22,0	62,9	99,5	223 800 c	223 800 c	69,3	100,5	235 800 c	235 800 c					22,0
24,0	57,7	98,2	205 900 b	205 900 b	64,4	99,5	233 100 c	233 100 c					24,0
26,0	52,1	96,6	189 300 b	189 300 b	59,2	98,3	222 800 b	226 700 b	68,9	99,8	210 900 c	237 000 c	26,0
28,0	46,0	94,7	176 200	176 200	53,7	96,8	204 500 b	207 500 b	63,9	98,8	193 600 c	236 500 c	28,0
30,0	39,1	92,3	166 000	166 000	47,8	95,0	188 500	191 800	58,8	97,5	178 500 b	234 200 b	30,0
32,0	30,7	89,0	158 900	158 900	41,1	92,7	174 500	179 200	53,3	96,0	165 200 b	227 200 b	32,0
34,0					33,3	89,8	162 300	170 400	47,3	94,2	153 700	209 500	34,0
36,0					23,0	85,5	151 200	165 800	40,5	91,9	143 500	195 400	36,0
38,0									32,6	88,9	134 100	184 600	38,0
40,0									21,8	84,4	125 600	172 000	40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0

MLC650 VPC-MAX S-3

ASME B30.5



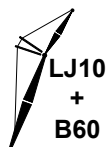
400 000 kg



	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	59,6	96,2	130 000 b	214 500 b									36,0
38,0	54,1	94,8	121 600 b	201 400 b									38,0
40,0	48,2	93,0	114 200	189 800									40,0
42,0	41,6	90,8	107 300	179 300									42,0
44,0	33,9	87,9	101 100	169 700	54,5	92,9	90 600 b	161 700 b					44,0
46,0	23,8	83,8	95 200	161 000	48,7	91,1	85 500	153 400					46,0
48,0					42,1	88,9	80 800	145 900					48,0
50,0					34,5	86,1	76 400	139 000	48,5	88,5	64 000	126 200	50,0
52,0					24,7	82,1	72 200	132 500	41,9	86,3	60 600	120 600	52,0
54,0									34,3	83,5	57 400	115 400	54,0
56,0									24,3	79,4	54 300	110 500	56,0
58,0													58,0

MLC650 VPC-MAX S-3

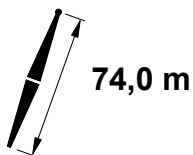
ASME B30.5



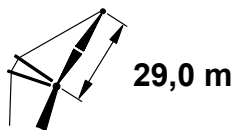
400 000 kg



360°



74,0 m

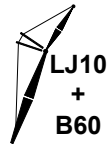


29,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,9	104,4	217 100 c	217 100 c									18,3
20,0	70,3	103,8	216 000 c	216 000 c									20,0
22,0	66,0	102,8	212 700 c	212 700 c	71,5	103,7	218 500 c	218 500 c					22,0
24,0	61,5	101,7	203 200 b	203 200 b	67,2	102,8	217 200 b	217 200 b					24,0
26,0	56,7	100,4	187 200 b	187 200 b	62,8	101,8	214 200 b	214 400 b					26,0
28,0	51,7	98,8	173 400	173 400	58,1	100,5	203 300 b	206 700 b	66,9	102,1	192 200 b	219 100 b	28,0
30,0	46,2	96,9	162 000	162 000	53,1	99,0	187 500	190 300	62,4	101,1	177 100 b	218 200 b	30,0
32,0	40,1	94,6	152 900	152 900	47,8	97,2	173 500	176 600	57,7	99,8	164 000 b	216 200 b	32,0
34,0	33,0	91,6	146 600	146 600	41,9	95,0	161 500	166 000	52,7	98,2	152 600	210 000	34,0
36,0	23,9	87,5	143 500	143 500	35,2	92,2	150 600	157 800	47,3	96,4	142 400	194 400	36,0
38,0					26,9	88,5	140 800	152 400	41,4	94,2	133 200	181 700	38,0
40,0									34,6	91,3	125 000	172 200	40,0
42,0									26,1	87,5	117 400	165 900	42,0
44,0									12,0	80,7	110 100	139 600	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

MLC650 VPC-MAX S-3

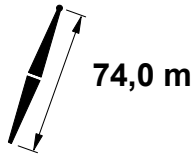
ASME B30.5



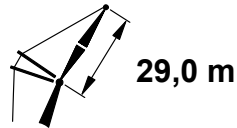
400 000 kg



360°



74,0 m

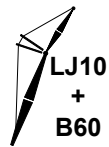


29,0 m

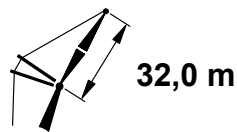
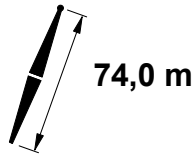
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	58,4	98,5	120 200 b	200 100 b									38,0
40,0	53,5	97,0	112 800	188 500									40,0
42,0	48,2	95,2	106 100	178 100									42,0
44,0	42,3	93,0	99 900	168 600									44,0
46,0	35,7	90,3	94 300	160 000	53,8	95,1	84 100	152 200					46,0
48,0	27,5	86,7	89 000	152 100	48,6	93,3	79 400	144 700					48,0
50,0	15,1	80,8	83 900	144 800	42,8	91,2	75 100	137 900					50,0
52,0					36,2	88,5	71 100	131 500	53,7	92,5	62 400	124 900	52,0
54,0					28,2	85,0	67 300	125 700	48,4	90,7	59 200	119 400	54,0
56,0					16,4	79,4	63 600	120 100	42,6	88,6	56 100	114 200	56,0
58,0									36,0	85,9	53 100	109 400	58,0
60,0									27,9	82,3	50 300	104 900	60,0
62,0									15,9	76,6	47 500	100 600	62,0

MLC650 VPC-MAX S-3

ASME B30.5



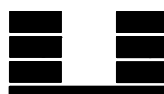
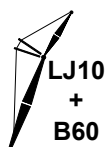
400 000 kg



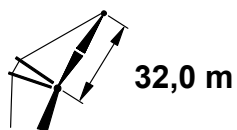
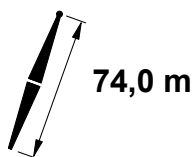
	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
19,8	72,6	107,0	201 600 c	201 600 c									19,8
20,0	72,3	107,0	201 400 c	201 400 c									20,0
22,0	68,4	106,2	199 300 c	199 300 c									22,0
24,0	64,4	105,2	196 200 b	196 200 b	69,5	106,1	202 800 b	202 800 b					24,0
26,0	60,3	104,0	185 400 b	185 400 b	65,6	105,2	201 000 b	201 000 b					26,0
28,0	55,9	102,7	171 300	171 300	61,5	104,1	198 300 b	198 300 b					28,0
30,0	51,4	101,1	159 400	159 400	57,2	102,8	189 100	189 100	65,2	104,5	185 600 b	203 500 b	30,0
32,0	46,4	99,2	149 400	149 400	52,7	101,3	175 200	175 200	61,1	103,4	171 900 b	202 500 b	32,0
34,0	41,0	96,9	141 700	141 700	47,9	99,5	163 700	163 700	56,8	102,0	160 000	200 600	34,0
36,0	34,8	94,1	135 800	135 800	42,6	97,3	154 200	154 200	52,3	100,5	149 400	193 700	36,0
38,0	27,4	90,4	132 100	132 100	36,7	94,7	146 600	146 600	47,5	98,7	139 900	180 900	38,0
40,0					29,7	91,3	138 800	141 600	42,1	96,5	131 400	169 900	40,0
42,0					20,4	86,5	130 400	138 900	36,2	93,8	123 600	161 200	42,0
44,0									29,0	90,4	116 500	154 700	44,0
46,0									19,4	85,4	109 900	146 600	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

ASME B30.5



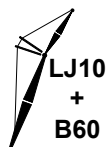
400 000 kg



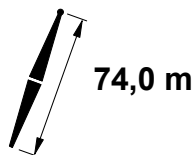
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	61,8	102,1	126 600	198 600									38,0
40,0	57,5	100,8	118 800	187 700									40,0
42,0	53,0	99,3	111 800	177 400									42,0
44,0	48,2	97,5	105 400	167 900									44,0
46,0	43,0	95,3	99 600	159 400	57,8	98,9	89 100	151 400					46,0
48,0	37,1	92,7	94 200	151 600	53,3	97,4	84 300	144 000					48,0
50,0	30,2	89,4	89 200	144 400	48,6	95,6	79 800	137 200					50,0
52,0	21,2	84,8	84 500	137 800	43,4	93,5	75 700	130 900					52,0
54,0					37,6	90,9	71 800	125 100	53,2	94,8	63 300	118 700	54,0
56,0					30,8	87,7	68 200	119 700	48,4	93,0	60 100	113 600	56,0
58,0					21,9	83,2	64 700	114 600	43,2	90,9	57 100	108 800	58,0
60,0									37,4	88,3	54 200	104 400	60,0
62,0									30,6	85,0	51 500	100 200	62,0
64,0									21,7	80,5	48 900	96 200	64,0

MLC650 VPC-MAX S-3

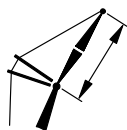
ASME B30.5



400 000 kg



74,0 m

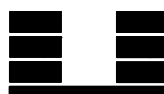
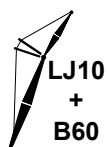


35,0 m

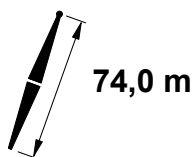
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,2	110,2	187 700 c	187 700 c									19,8
20,0	73,8	110,2	187 600 c	187 600 c									20,0
22,0	70,3	109,4	186 400 b	186 400 b									22,0
24,0	66,8	108,5	184 200 b	184 200 b									24,0
26,0	63,1	107,5	180 900 b	180 900 b	67,8	108,5	188 100 b	188 100 b					26,0
28,0	59,3	106,3	169 400	169 400	64,2	107,5	186 900 b	186 900 b					28,0
30,0	55,3	104,9	157 300	157 300	60,4	106,4	183 500	183 500	67,5	107,8	183 200 b	188 600 b	30,0
32,0	51,1	103,3	147 000	147 000	56,4	105,0	174 100	174 100	63,8	106,8	170 500	188 600	32,0
34,0	46,6	101,4	138 500	138 500	52,3	103,5	162 200	162 200	60,1	105,6	158 700	188 000	34,0
36,0	41,7	99,2	131 600	131 600	47,9	101,7	152 000	152 000	56,1	104,3	148 100	186 200	36,0
38,0	36,2	96,5	126 100	126 100	43,1	99,5	143 500	143 500	51,9	102,7	138 700	180 600	38,0
40,0	29,8	93,1	122 500	122 500	37,8	97,0	136 700	136 800	47,5	100,9	130 200	169 100	40,0
42,0	21,6	88,5	121 300	121 300	31,7	93,9	129 800	132 000	42,7	98,7	122 600	159 200	42,0
44,0					24,2	89,7	122 300	129 100	37,4	96,1	115 500	151 100	44,0
46,0									31,2	93,0	109 100	145 100	46,0
48,0									23,5	88,7	103 200	141 500	48,0
50,0									10,7	81,2	97 300	117 900	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

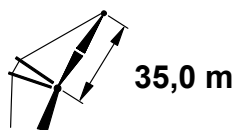
ASME B30.5



400 000 kg



74,0 m

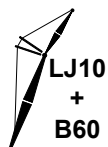


35,0 m

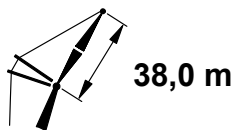
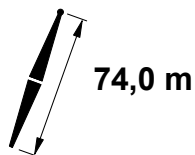
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,6	104,3	117 400	183 800									40,0
42,0	56,7	103,0	110 400	176 100									42,0
44,0	52,6	101,5	104 100	166 700									44,0
46,0	48,2	99,7	98 300	158 200									46,0
48,0	43,4	97,6	93 000	150 500	57,0	101,1	82 800	142 700					48,0
50,0	38,2	95,1	88 100	143 400	52,9	99,6	78 300	136 000					50,0
52,0	32,2	92,0	83 500	136 800	48,5	97,8	74 300	129 700					52,0
54,0	24,8	88,0	79 200	130 700	43,8	95,7	70 500	124 000					54,0
56,0	13,5	81,4	75 000	125 000	38,6	93,3	66 900	118 600					56,0
58,0					32,7	90,2	63 600	113 700	48,4	95,2	55 600	107 600	58,0
60,0					25,4	86,3	60 400	109 000	43,7	93,1	52 800	103 200	60,0
62,0					14,7	80,1	57 200	104 600	38,4	90,6	50 200	99 100	62,0
64,0									32,5	87,6	47 700	95 200	64,0
66,0									25,2	83,6	45 300	91 600	66,0
68,0									14,3	77,2	42 800	88 000	68,0

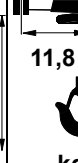
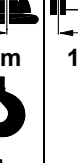
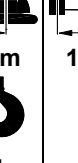
MLC650 VPC-MAX S-3

ASME B30.5



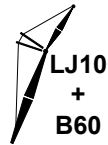
400 000 kg



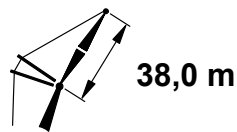
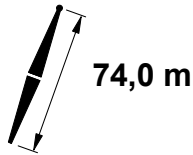
	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,0	112,9	174 800 b	174 800 b									21,3
22,0	72,0	112,7	174 400 b	174 400 b									22,0
24,0	68,7	111,9	172 900 b	172 900 b									24,0
26,0	65,4	110,9	170 700 b	170 700 b	69,7	111,8	175 700 b	175 700 b					26,0
28,0	62,0	109,8	166 500	166 500	66,4	110,9	174 600 b	174 600 b					28,0
30,0	58,4	108,6	156 900	156 900	63,0	109,9	172 800	172 800					30,0
32,0	54,8	107,2	146 300	146 300	59,5	108,7	170 400	170 400	66,1	110,2	170 500	175 800	32,0
34,0	50,9	105,6	137 400	137 400	55,8	107,3	162 400	162 400	62,7	109,1	158 800	175 700	34,0
36,0	46,7	103,7	129 900	129 900	52,0	105,7	151 800	151 800	59,2	107,9	148 200	175 000	36,0
38,0	42,3	101,5	123 500	123 500	47,9	103,9	142 700	142 700	55,5	106,6	138 800	173 500	38,0
40,0	37,3	98,9	118 600	118 600	43,6	101,8	135 200	135 200	51,7	105,0	130 400	170 000	40,0
42,0	31,7	95,8	115 000	115 000	38,8	99,4	129 100	129 100	47,6	103,1	122 800	159 600	42,0
44,0	24,9	91,7	112 000	112 000	33,4	96,4	122 700	124 300	43,2	101,0	115 800	150 600	44,0
46,0					27,0	92,7	116 000	121 000	38,4	98,5	109 500	143 200	46,0
48,0					18,5	87,4	109 700	116 900	32,9	95,5	103 600	137 500	48,0
50,0									26,4	91,7	98 200	133 400	50,0
52,0									17,6	86,2	93 000	126 900	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



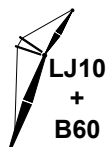
400 000 kg



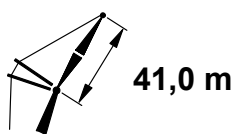
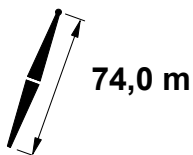
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	63,2	107,8	117 400	172 000									40,0
42,0	59,7	106,6	110 500	172 000									42,0
44,0	56,1	105,3	104 200	166 500									44,0
46,0	52,3	103,7	98 400	158 100									46,0
48,0	48,2	101,9	93 200	150 400									48,0
50,0	43,9	99,9	88 300	143 300	56,3	103,4	78 400	135 900					50,0
52,0	39,1	97,5	83 800	136 800	52,5	101,8	74 300	129 600					52,0
54,0	33,8	94,5	79 600	130 800	48,5	100,1	70 600	123 900					54,0
56,0	27,5	90,9	75 700	125 200	44,2	98,0	67 100	118 600					56,0
58,0	19,2	85,7	71 900	119 900	39,5	95,6	63 800	113 700	52,4	99,2	55 600	107 500	58,0
60,0					34,2	92,7	60 700	109 100	48,4	97,5	52 900	103 200	60,0
62,0					28,0	89,1	57 800	104 800	44,1	95,4	50 300	99 100	62,0
64,0					19,9	84,2	54 900	100 700	39,4	93,0	47 900	95 300	64,0
66,0									34,1	90,1	45 600	91 700	66,0
68,0									27,8	86,5	43 300	88 300	68,0

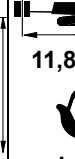
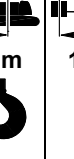
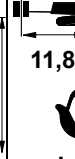
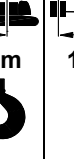
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



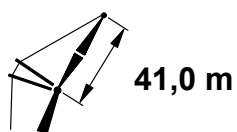
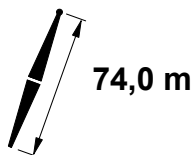
	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,3	116,0	163 000 b	163 000 b									21,3
22,0	73,4	115,8	162 900 b	162 900 b									22,0
24,0	70,4	115,1	162 000 b	162 000 b									24,0
26,0	67,3	114,2	160 400	160 400	71,2	115,0	163 900 b	163 900 b					26,0
28,0	64,2	113,3	158 300	158 300	68,2	114,2	163 400	163 400					28,0
30,0	61,0	112,1	154 000	154 000	65,1	113,2	162 300	162 300					30,0
32,0	57,7	110,9	144 700	144 700	62,0	112,2	160 600	160 600	68,0	113,5	163 800	163 800	32,0
34,0	54,3	109,4	135 700	135 700	58,7	110,9	158 000	158 000	64,9	112,5	157 400	163 800	34,0
36,0	50,6	107,8	127 900	127 900	55,3	109,5	150 800	150 800	61,7	111,4	146 900	163 700	36,0
38,0	46,8	105,9	121 200	121 200	51,7	108,0	141 500	141 500	58,4	110,2	137 500	162 900	38,0
40,0	42,7	103,7	115 600	115 600	47,9	106,1	133 600	133 600	55,0	108,8	129 200	161 600	40,0
42,0	38,2	101,2	110 700	110 700	43,9	104,1	126 800	126 800	51,4	107,2	121 600	157 900	42,0
44,0	33,2	98,2	106 000	106 000	39,6	101,7	121 200	121 200	47,6	105,4	114 700	149 900	44,0
46,0	27,3	94,5	102 200	102 200	34,7	98,9	115 200	115 900	43,6	103,3	108 400	141 900	46,0
48,0	19,8	89,5	100 500	100 500	29,1	95,4	109 000	111 200	39,2	100,8	102 600	135 200	48,0
50,0					22,2	90,9	103 300	107 900	34,3	98,0	97 300	128 900	50,0
52,0									28,6	94,4	92 300	123 400	52,0
54,0									21,5	89,8	87 600	119 500	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

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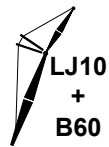
400 000 kg



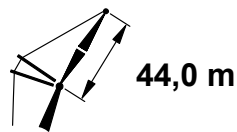
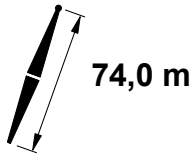
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,2	110,1	109 000	159 900									42,0
44,0	58,9	108,9	102 800	159 900									44,0
46,0	55,5	107,5	97 100	156 900									46,0
48,0	51,9	106,0	91 800	149 300									48,0
50,0	48,2	104,2	87 000	142 200									50,0
52,0	44,2	102,1	82 600	135 700	55,7	105,6	72 900	128 400					52,0
54,0	39,9	99,7	78 400	129 800	52,2	104,1	69 200	122 800					54,0
56,0	35,1	97,0	74 600	124 200	48,5	102,3	65 700	117 500					56,0
58,0	29,5	93,5	70 900	119 000	44,5	100,3	62 500	112 600					58,0
60,0	22,7	89,1	67 500	114 200	40,2	97,9	59 400	108 000	52,1	101,5	51 400	102 000	60,0
62,0	12,4	82,0	64 000	109 600	35,4	95,1	56 600	103 700	48,4	99,7	48 900	97 900	62,0
64,0					30,0	91,8	53 800	99 700	44,4	97,6	46 500	94 100	64,0
66,0					23,3	87,5	51 200	95 900	40,1	95,3	44 200	90 600	66,0
68,0					13,4	80,7	48 600	92 300	35,3	92,5	42 000	87 200	68,0
72,0									23,1	84,8	38 000	81 000	72,0

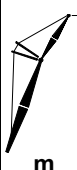
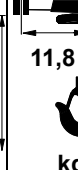
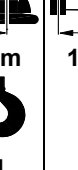
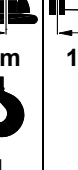
MLC650 VPC-MAX S-3

ASME B30.5



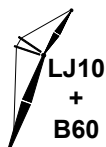
400 000 kg



	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,4	118,7	152 200 b	152 200 b									22,9
24,0	71,8	118,3	151 800	151 800									24,0
26,0	69,0	117,5	150 700	150 700	72,6	118,2	152 700	152 700					26,0
28,0	66,1	116,6	149 100	149 100	69,8	117,5	152 700	152 700					28,0
30,0	63,2	115,6	147 000	147 000	67,0	116,6	152 200	152 200					30,0
32,0	60,2	114,4	142 200	142 200	64,1	115,6	151 100	151 100	69,6	116,7	152 000	152 000	32,0
34,0	57,1	113,1	134 400	134 400	61,1	114,5	149 500	149 500	66,7	115,9	151 600	152 000	34,0
36,0	53,9	111,7	126 400	126 400	58,0	113,2	146 200	146 200	63,8	114,9	146 000	152 000	36,0
38,0	50,5	110,0	119 400	119 400	54,8	111,8	139 500	139 500	60,8	113,8	136 700	152 000	38,0
40,0	46,9	108,2	113 400	113 400	51,5	110,2	132 200	132 200	57,7	112,5	128 300	151 800	40,0
42,0	43,1	106,0	107 600	107 600	48,0	108,4	125 200	125 200	54,5	111,1	120 800	150 800	42,0
44,0	39,0	103,6	102 200	102 200	44,3	106,4	118 500	118 500	51,2	109,4	113 900	146 200	44,0
46,0	34,5	100,7	97 500	97 500	40,2	104,0	112 500	112 500	47,7	107,6	107 600	139 200	46,0
48,0	29,3	97,3	93 800	93 800	35,8	101,3	107 100	107 100	43,9	105,6	101 900	132 200	48,0
50,0	23,0	92,9	91 400	91 400	30,9	98,0	102 500	102 500	39,9	103,2	96 600	125 700	50,0
52,0					25,0	94,0	97 600	99 100	35,5	100,4	91 700	119 600	52,0
54,0					17,1	88,3	92 600	97 600	30,4	97,1	87 100	114 500	54,0
56,0									24,4	93,0	82 800	110 300	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

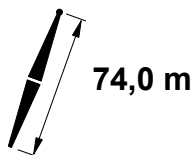
ASME B30.5



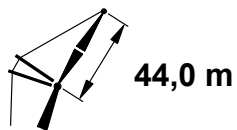
400 000 kg



360°



74,0 m



44,0 m

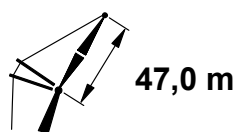
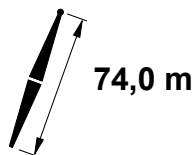
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,3	112,5	101 800	148 800									44,0
46,0	58,2	111,2	96 100	148 800									46,0
48,0	55,0	109,8	91 000	147 200									48,0
50,0	51,7	108,2	86 100	141 400									50,0
52,0	48,2	106,4	81 700	135 000	58,4	109,3	71 900	127 600					52,0
54,0	44,5	104,4	77 600	129 000	55,3	107,9	68 200	121 900					54,0
56,0	40,5	102,1	73 800	123 500	52,0	106,3	64 800	116 700					56,0
58,0	36,2	99,4	70 200	118 300	48,5	104,5	61 600	111 800					58,0
60,0	31,2	96,2	66 900	113 500	44,8	102,5	58 600	107 300					60,0
62,0	25,4	92,2	63 700	109 000	40,8	100,2	55 800	103 000	51,9	103,7	47 900	97 100	62,0
64,0	17,7	86,6	60 600	104 800	36,5	97,6	53 100	99 000	48,4	101,9	45 500	93 300	64,0
66,0					31,6	94,4	50 600	95 300	44,7	99,9	43 300	89 800	66,0
68,0					25,9	90,5	48 100	91 700	40,7	97,6	41 200	86 500	68,0
72,0									31,5	91,8	37 300	80 300	72,0
76,0									18,2	82,4	33 500	74 800	76,0

MLC650 VPC-MAX S-3

ASME B30.5



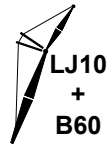
400 000 kg



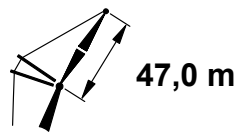
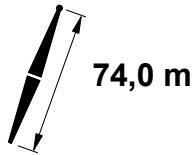
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,4	121,8	142 100 b	142 100 b									22,9
24,0	73,0	121,5	142 000	142 000									24,0
26,0	70,4	120,7	141 400	141 400									26,0
28,0	67,8	119,9	140 200	140 200	71,1	120,7	142 600	142 600					28,0
30,0	65,1	119,0	138 500	138 500	68,5	119,9	142 500	142 500					30,0
32,0	62,3	117,9	136 700	136 700	65,8	118,9	141 800	141 800					32,0
34,0	59,5	116,7	130 100	130 100	63,1	117,9	140 700	140 700	68,3	119,2	141 800	141 800	34,0
36,0	56,5	115,4	123 300	123 300	60,3	116,8	139 300	139 300	65,6	118,2	141 800	141 800	36,0
38,0	53,5	113,9	116 700	116 700	57,4	115,5	135 000	135 000	62,9	117,2	135 400	141 800	38,0
40,0	50,3	112,2	110 500	110 500	54,4	114,0	128 400	128 400	60,0	116,0	127 000	141 800	40,0
42,0	47,0	110,4	104 600	104 600	51,3	112,4	121 800	121 800	57,1	114,7	119 500	141 600	42,0
44,0	43,5	108,3	99 100	99 100	48,0	110,6	115 500	115 500	54,1	113,3	112 700	140 800	44,0
46,0	39,7	105,9	94 200	94 200	44,5	108,6	109 500	109 500	51,0	111,7	106 400	135 400	46,0
48,0	35,5	103,1	90 000	90 000	40,8	106,3	104 100	104 100	47,7	109,8	100 700	129 000	48,0
50,0	30,9	99,9	86 400	86 400	36,7	103,7	99 100	99 100	44,2	107,8	95 500	122 700	50,0
52,0	25,4	95,9	83 800	83 800	32,3	100,6	94 800	94 800	40,5	105,5	90 600	116 800	52,0
54,0	18,3	90,4	82 800	82 800	27,1	96,8	91 300	91 400	36,4	102,8	86 100	111 300	54,0
56,0					20,6	91,9	87 400	89 300	31,9	99,7	81 900	106 400	56,0
58,0									26,6	95,8	77 900	102 300	58,0
60,0									20,0	90,8	74 100	99 600	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

ASME B30.5



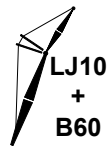
400 000 kg



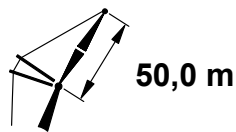
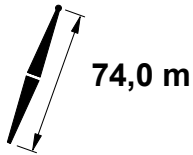
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	60,5	114,7	94 700	138 400									46,0
48,0	57,6	113,5	89 600	138 400									48,0
50,0	54,6	112,0	84 800	138 400									50,0
52,0	51,5	110,4	80 400	133 800									52,0
54,0	48,2	108,6	76 300	127 900	57,8	111,5	66 700	120 700					54,0
56,0	44,7	106,6	72 600	122 400	54,8	110,1	63 300	115 500					56,0
58,0	41,0	104,4	69 000	117 300	51,7	108,5	60 200	110 600					58,0
60,0	37,0	101,7	65 700	112 500	48,4	106,8	57 200	106 100					60,0
62,0	32,6	98,7	62 600	108 100	45,0	104,8	54 400	101 900					62,0
64,0	27,4	95,0	59 600	103 900	41,3	102,5	51 800	97 900	51,6	105,9	44 000	92 200	64,0
66,0	21,1	90,2	56 800	100 000	37,3	99,9	49 300	94 200	48,4	104,2	41 900	88 600	66,0
68,0	11,4	82,5	53 900	93 100	32,9	96,9	47 000	90 700	44,9	102,1	39 800	85 300	68,0
72,0					21,6	88,6	42 500	84 300	37,2	97,3	35 900	79 300	72,0
76,0									27,7	90,6	32 400	73 800	76,0
80,0									12,1	78,4	28 900	68 700	80,0

MLC650 VPC-MAX S-3

ASME B30.5



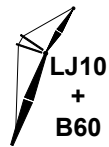
400 000 kg



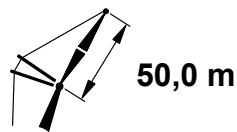
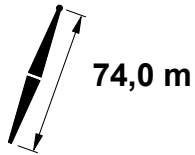
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,6	124,5	132 900	132 900									24,4
26,0	71,6	123,9	132 600	132 600									26,0
28,0	69,2	123,2	131 800	131 800									28,0
30,0	66,7	122,3	130 600	130 600	69,9	123,1	133 300	133 300					30,0
32,0	64,1	121,3	129 000	129 000	67,4	122,2	133 000	133 000					32,0
34,0	61,5	120,2	125 700	125 700	64,8	121,3	132 200	132 200					34,0
36,0	58,8	119,0	119 500	119 500	62,3	120,2	131 200	131 200	67,2	121,5	132 500	132 500	36,0
38,0	56,0	117,6	113 400	113 400	59,6	119,0	129 800	129 800	64,6	120,6	132 500	132 500	38,0
40,0	53,2	116,1	107 500	107 500	56,8	117,7	124 600	124 600	62,0	119,5	126 700	132 500	40,0
42,0	50,2	114,5	101 900	101 900	54,0	116,3	118 500	118 500	59,4	118,3	119 200	132 500	42,0
44,0	47,1	112,6	96 600	96 600	51,1	114,6	112 600	112 600	56,6	117,0	112 300	132 300	44,0
46,0	43,8	110,5	91 600	91 600	48,0	112,8	106 900	106 900	53,8	115,5	106 100	131 000	46,0
48,0	40,2	108,2	87 200	87 200	44,7	110,8	101 500	101 500	50,8	113,9	100 400	125 800	48,0
50,0	36,4	105,5	83 200	83 200	41,3	108,6	96 500	96 500	47,7	112,1	95 200	119 900	50,0
52,0	32,2	102,4	79 800	79 800	37,5	106,0	91 900	91 900	44,4	110,0	90 400	114 200	52,0
54,0	27,3	98,6	77 200	77 200	33,4	103,0	87 900	87 900	41,0	107,7	85 900	108 800	54,0
56,0	21,4	93,9	75 600	75 600	28,8	99,5	84 600	84 600	37,2	105,1	81 700	103 700	56,0
58,0					23,2	95,1	82 100	82 100	33,1	102,1	77 800	99 100	58,0
60,0					15,8	88,9	79 200	81 100	28,3	98,5	74 100	95 100	60,0
62,0									22,7	94,0	70 700	92 000	62,0
64,0									15,0	87,6	67 300	90 300	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

ASME B30.5



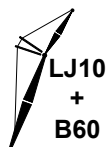
400 000 kg



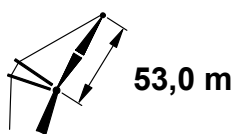
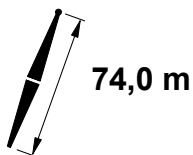
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,4	118,2	94 300	127 000									46,0
48,0	59,8	117,0	89 200	127 000									48,0
50,0	57,0	115,7	84 400	127 000									50,0
52,0	54,2	114,3	80 000	127 000									52,0
54,0	51,3	112,7	76 000	126 200									54,0
56,0	48,2	110,9	72 200	122 000	57,2	113,8	62 900	115 100					56,0
58,0	44,9	108,9	68 700	116 900	54,4	112,3	59 700	110 200					58,0
60,0	41,5	106,6	65 400	112 200	51,5	110,8	56 800	105 700					60,0
62,0	37,8	104,1	62 300	107 800	48,4	109,0	54 000	101 500					62,0
64,0	33,7	101,1	59 400	103 600	45,2	107,0	51 400	97 600	54,3	109,8	43 600	91 700	64,0
66,0	29,1	97,6	56 700	99 700	41,8	104,8	49 000	93 900	51,4	108,2	41 400	88 200	66,0
68,0	23,6	93,3	54 000	96 000	38,1	102,2	46 700	90 400	48,3	106,4	39 400	85 000	68,0
72,0					29,5	95,9	42 400	84 000	41,7	102,1	35 600	78 900	72,0
76,0					17,0	85,8	38 300	78 300	33,9	96,7	32 100	73 500	76,0
80,0									23,9	89,0	28 900	68 600	80,0

MLC650 VPC-MAX S-3

ASME B30.5



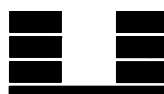
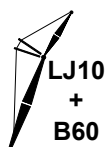
400 000 kg



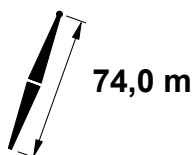
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,6	127,6	123 800	123 800									24,4
26,0	72,7	127,1	123 700	123 700									26,0
28,0	70,4	126,4	123 300	123 300									28,0
30,0	68,1	125,6	122 500	122 500	71,1	126,3	124 000	124 000					30,0
32,0	65,7	124,7	121 400	121 400	68,8	125,5	124 000	124 000					32,0
34,0	63,3	123,7	119 600	119 600	66,4	124,6	123 600	123 600					34,0
36,0	60,8	122,5	115 600	115 600	64,0	123,7	123 000	123 000	68,6	124,8	122 500	122 500	36,0
38,0	58,3	121,3	110 100	110 100	61,5	122,6	122 100	122 100	66,2	123,9	122 500	122 500	38,0
40,0	55,6	119,9	104 700	104 700	59,0	121,4	120 300	120 300	63,8	122,9	122 200	122 500	40,0
42,0	52,9	118,4	99 400	99 400	56,4	120,0	115 200	115 200	61,3	121,8	117 900	122 500	42,0
44,0	50,1	116,7	94 400	94 400	53,7	118,5	109 800	109 800	58,8	120,6	111 100	122 500	44,0
46,0	47,1	114,9	89 600	89 600	50,9	116,9	104 500	104 500	56,2	119,3	104 900	122 500	46,0
48,0	44,0	112,8	85 200	85 200	48,0	115,1	99 400	99 400	53,5	117,8	99 200	121 400	48,0
50,0	40,7	110,5	81 100	81 100	44,9	113,1	94 500	94 500	50,7	116,1	94 000	117 100	50,0
52,0	37,2	107,9	77 400	77 400	41,7	110,9	90 000	90 000	47,8	114,3	89 200	111 900	52,0
54,0	33,3	104,9	74 300	74 300	38,2	108,4	85 800	85 800	44,7	112,3	84 800	106 700	54,0
56,0	28,9	101,4	71 700	71 700	34,5	105,5	82 100	82 100	41,4	110,1	80 600	101 800	56,0
58,0	23,8	97,1	69 800	69 800	30,2	102,2	78 900	78 900	37,9	107,5	76 700	97 200	58,0
60,0	17,2	91,3	69 100	69 100	25,4	98,1	76 400	76 400	34,1	104,6	73 100	92 900	60,0
62,0					19,3	92,9	74 400	74 900	29,9	101,2	69 700	89 100	62,0
64,0					9,8	84,3	71 200	74 600	24,9	97,1	66 500	86 000	64,0
66,0									18,7	91,7	63 400	83 900	66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

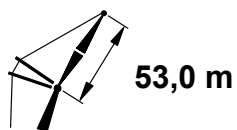
ASME B30.5



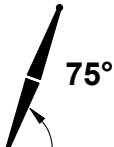
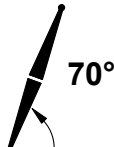
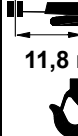
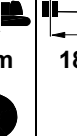
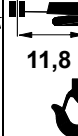
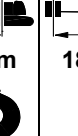
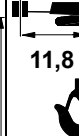
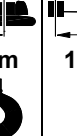
400 000 kg



74,0 m

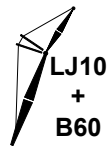


53,0 m

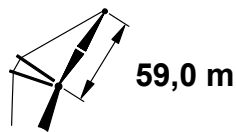
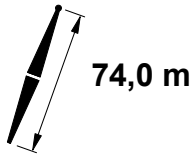
	 75°				 70°				 65°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	64,1	121,6	92 900	118 000									46,0
48,0	61,7	120,5	87 800	118 000									48,0
50,0	59,2	119,3	83 000	118 000									50,0
52,0	56,6	118,0	78 700	118 000									52,0
54,0	53,9	116,5	74 700	118 000									54,0
56,0	51,1	114,9	70 900	118 000									56,0
58,0	48,2	113,1	67 400	115 900	56,8	116,1	58 300	109 100					58,0
60,0	45,2	111,1	64 200	111 200	54,1	114,6	55 400	104 600					60,0
62,0	41,9	108,9	61 100	106 800	51,3	113,0	52 600	100 400					62,0
64,0	38,5	106,4	58 200	102 600	48,4	111,2	50 100	96 500	54,0	112,0	39 900	87 100	64,0
66,0	34,7	103,6	55 500	98 800	45,4	109,3	47 700	92 800	51,2	110,4	37 900	83 800	66,0
68,0	30,5	100,3	53 000	95 100	42,2	107,1	45 400	89 400	45,3	106,7	34 200	77 800	68,0
72,0	19,8	91,2	48 100	88 400	35,0	101,8	41 100	83 000	38,6	102,0	30 800	72 400	72,0
76,0					26,1	94,6	37 300	77 300					76,0
80,0					11,6	81,8	33 500	72 100	30,7	95,9	27 700	67 600	80,0
84,0									20,1	86,9	24 800	63 200	84,0

MLC650 VPC-MAX S-3

ASME B30.5



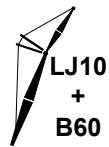
400 000 kg



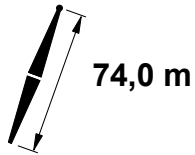
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,6	133,4	108 400	108 400									25,9
26,0	74,5	133,4	108 400	108 400									26,0
28,0	72,5	132,8	108 400	108 400									28,0
30,0	70,4	132,1	108 100	108 100									30,0
32,0	68,3	131,3	107 500	107 500									32,0
34,0	66,2	130,4	106 700	106 700	71,0	132,0	108 300	108 300					34,0
36,0	64,0	129,4	105 600	105 600	68,9	131,2	108 300	108 300					36,0
38,0	61,8	128,3	102 800	102 800	66,8	130,3	108 200	108 200					38,0
40,0	59,6	127,1	98 400	98 400	64,7	129,4	107 900	107 900					40,0
42,0	57,3	125,8	93 900	93 900	62,5	128,3	107 300	107 300	66,6	129,6	107 100	107 100	42,0
44,0	54,9	124,4	89 500	89 500	60,2	127,2	106 500	106 500	64,5	128,7	107 100	107 100	44,0
46,0	52,4	122,9	85 200	85 200	57,9	125,9	103 400	103 400	62,3	127,6	107 100	107 100	46,0
48,0	49,9	121,2	81 100	81 100	55,6	124,5	99 000	99 000	60,0	126,4	103 300	107 100	48,0
50,0	47,3	119,3	77 200	77 200	53,2	123,0	94 600	94 600	57,7	125,2	97 700	107 100	50,0
52,0	44,5	117,3	73 600	73 600	50,6	121,4	90 200	90 200	55,4	123,8	92 500	107 100	52,0
54,0	41,6	115,1	70 200	70 200	48,0	119,6	86 000	86 000	52,9	122,3	87 700	106 100	54,0
56,0	38,5	112,6	67 100	67 100	45,3	117,6	82 000	82 000	50,4	120,6	83 300	101 800	56,0
58,0	35,1	109,8	64 400	64 400	42,4	115,4	78 300	78 300	47,8	118,8	79 200	97 500	58,0
60,0	31,5	106,6	62 000	62 000	39,4	113,0	74 700	74 700	45,1	116,8	75 300	93 300	60,0
62,0	27,3	102,8	60 100	60 100	36,1	110,3	71 600	71 600	42,2	114,6	71 800	89 200	62,0
64,0	22,5	98,2	58 800	58 800	32,5	107,2	68 700	68 700	39,1	112,2	68 400	85 300	64,0
66,0	16,2	92,1	58 300	58 300	28,6	103,7	66 300	66 300	35,8	109,4	65 300	81 600	66,0
68,0					24,0	99,4	64 400	64 400	32,2	106,3	62 300	78 300	68,0
72,0					18,2	93,8	63 400	63 400	28,2	102,7	59 500	75 400	72,0
76,0									17,7	92,6	54 200	71 200	76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

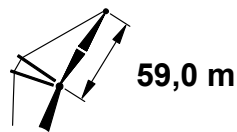
ASME B30.5



400 000 kg



74,0 m

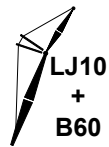


59,0 m

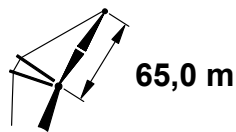
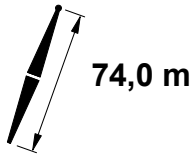
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	62,6	126,3	81 200	102 300									50,0
52,0	60,4	125,1	76 900	102 300									52,0
54,0	58,1	123,9	72 900	102 300									54,0
56,0	55,7	122,5	69 200	102 300									56,0
58,0	53,3	121,0	65 700	102 300									58,0
60,0	50,8	119,4	62 500	102 300	58,3	122,0	53 500	96 200					60,0
62,0	48,2	117,6	59 500	102 300	55,9	120,6	50 800	96 200					62,0
64,0	45,5	115,6	56 700	101 200	53,5	119,1	48 200	95 000					64,0
66,0	42,6	113,5	54 000	97 400	51,0	117,5	45 900	91 300					66,0
68,0	39,6	111,1	51 500	93 800	48,4	115,7	43 600	87 900					68,0
72,0	32,8	105,3	46 800	87 200	42,8	111,6	39 500	81 600	50,9	114,9	32 300	76 300	72,0
76,0	24,3	97,6	42 600	81 200	36,6	106,6	35 700	76 000	45,6	111,2	29 000	71 000	76,0
80,0					29,2	100,1	32 300	71 000	39,7	106,6	26 000	66 200	80,0
84,0					19,1	90,6	29 100	66 400	33,0	100,9	23 200	61 900	84,0
88,0									24,5	93,2	20 700	57 900	88,0

MLC650 VPC-MAX S-3

ASME B30.5



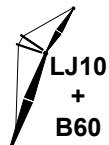
400 000 kg



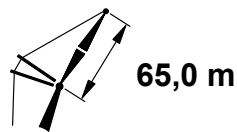
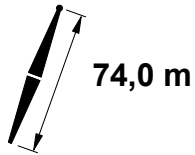
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,7	139,3	95 100	95 100									27,4
28,0	74,2	139,1	95 100	95 100									28,0
30,0	72,3	138,5	95 000	95 000									30,0
32,0	70,4	137,7	94 700	94 700	72,8	138,3	94 800	94 800					32,0
34,0	68,5	136,9	94 100	94 100	71,0	137,6	94 800	94 800					34,0
36,0	66,6	136,1	93 400	93 400	69,1	136,9	94 800	94 800					36,0
38,0	64,7	135,1	92 600	92 600	67,2	136,0	94 800	94 800					38,0
40,0	62,7	134,1	91 200	91 200	65,2	135,1	94 600	94 600	68,9	136,2	93 300	93 300	40,0
42,0	60,7	132,9	87 700	87 700	63,3	134,1	94 100	94 100	67,0	135,3	93 300	93 300	42,0
44,0	58,6	131,7	84 000	84 000	61,2	133,0	93 500	93 500	65,1	134,4	93 300	93 300	44,0
46,0	56,5	130,4	80 400	80 400	59,2	131,8	92 300	92 300	63,1	133,4	93 300	93 300	46,0
48,0	54,3	128,9	76 900	76 900	57,1	130,5	88 900	88 900	61,1	132,2	93 300	93 300	48,0
50,0	52,1	127,4	73 400	73 400	54,9	129,0	85 300	85 300	59,0	131,0	90 700	93 300	50,0
52,0	49,7	125,7	70 000	70 000	52,7	127,5	81 700	81 700	56,9	129,7	86 100	93 300	52,0
54,0	47,4	123,8	66 900	66 900	50,4	125,9	78 200	78 200	54,7	128,3	81 700	93 300	54,0
56,0	44,9	121,8	63 900	63 900	48,0	124,1	74 700	74 700	52,5	126,8	77 600	92 000	56,0
58,0	42,2	119,6	61 100	61 100	45,6	122,1	71 400	71 400	50,2	125,1	73 800	88 700	58,0
60,0	39,5	117,2	58 500	58 500	43,0	120,0	68 300	68 300	47,8	123,3	70 300	85 100	60,0
62,0	36,5	114,5	56 100	56 100	40,3	117,6	65 400	65 400	45,4	121,3	67 000	81 700	62,0
64,0	33,4	111,6	54 000	54 000	37,4	115,0	62 700	62 700	42,8	119,2	63 900	78 300	64,0
66,0	29,9	108,2	52 300	52 300	34,3	112,1	60 200	60 200	40,1	116,8	60 900	75 000	66,0
68,0	26,0	104,2	50 800	50 800	30,9	108,9	58 000	58 000	37,2	114,2	58 200	72 000	68,0
72,0	15,4	92,9	49 600	49 600	22,8	100,5	54 800	54 800	30,6	107,9	53 100	66 500	72,0
76,0					8,7	85,1	52 500	52 700	22,4	99,5	48 400	62 300	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



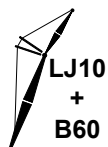
400 000 kg



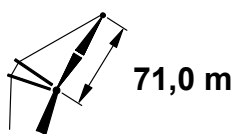
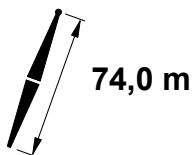
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,4	132,0	75 100	89 400									52,0
54,0	61,4	130,9	71 100	89 400									54,0
56,0	59,3	129,7	67 400	89 400									56,0
58,0	57,2	128,4	64 000	89 400									58,0
60,0	55,1	127,0	60 800	89 400									60,0
62,0	52,9	125,5	57 800	89 400									62,0
64,0	50,6	123,9	55 000	89 400	57,4	126,5	46 400	83 600					64,0
66,0	48,2	122,1	52 400	89 400	55,2	125,1	44 000	83 600					66,0
68,0	45,7	120,1	49 900	89 400	53,0	123,6	41 800	83 600					68,0
72,0	40,5	115,7	45 300	85 900	48,4	120,2	37 700	80 200					72,0
76,0	34,5	110,2	41 200	80 000	43,4	116,1	34 100	74 700	50,7	119,4	27 100	69 500	76,0
80,0	27,4	103,2	37 500	74 700	37,8	111,3	30 800	69 700	45,9	115,6	24 200	64 800	80,0
84,0	17,7	93,0	34 000	68 700	31,4	105,2	27 700	65 100	40,6	111,2	21 500	60 500	84,0
88,0					23,4	97,1	24 900	61 000	34,7	105,8	19 000	56 600	88,0
92,0									27,6	98,8	16 800	53 000	92,0
96,0									18,0	88,8	14 500	49 700	96,0

MLC650 VPC-MAX S-3

ASME B30.5



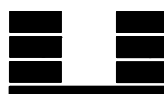
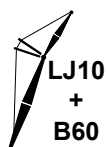
400 000 kg



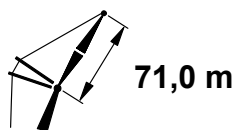
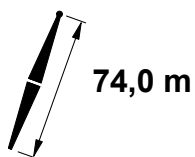
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,7	145,1	82 700	82 700									29,0
30,0	73,9	144,7	82 700	82 700									30,0
32,0	72,2	144,1	82 600	82 600									32,0
34,0	70,4	143,4	82 300	82 300									34,0
36,0	68,7	142,6	81 900	81 900	70,9	143,3	82 300	82 300					36,0
38,0	66,9	141,7	81 400	81 400	69,2	142,5	82 300	82 300					38,0
40,0	65,2	140,8	80 800	80 800	67,5	141,7	82 300	82 300					40,0
42,0	63,4	139,8	80 100	80 100	65,7	140,7	82 100	82 100	69,1	141,8	80 500	80 500	42,0
44,0	61,5	138,7	78 700	78 700	63,9	139,8	81 700	81 700	67,3	141,0	80 500	80 500	44,0
46,0	59,6	137,5	75 900	75 900	62,0	138,7	81 300	81 300	65,5	140,0	80 500	80 500	46,0
48,0	57,7	136,2	72 900	72 900	60,2	137,5	80 800	80 800	63,7	139,1	80 500	80 500	48,0
50,0	55,8	134,9	70 000	70 000	58,3	136,3	80 100	80 100	61,9	138,0	80 500	80 500	50,0
52,0	53,8	133,4	67 100	67 100	56,3	135,0	77 500	77 500	60,0	136,8	80 500	80 500	52,0
54,0	51,7	131,8	64 200	64 200	54,4	133,5	74 600	74 600	58,1	135,6	79 800	80 500	54,0
56,0	49,6	130,1	61 500	61 500	52,3	132,0	71 700	71 700	56,2	134,2	76 600	80 500	56,0
58,0	47,4	128,3	58 800	58 800	50,2	130,3	68 800	68 800	54,2	132,8	72 800	80 500	58,0
60,0	45,1	126,3	56 400	56 400	48,0	128,5	66 000	66 000	52,1	131,2	69 300	80 200	60,0
62,0	42,8	124,1	54 000	54 000	45,8	126,6	63 200	63 200	50,0	129,5	66 000	78 300	62,0
64,0	40,3	121,8	51 800	51 800	43,4	124,5	60 600	60 600	47,9	127,7	62 900	75 400	64,0
66,0	37,6	119,2	49 700	49 700	41,0	122,2	58 100	58 100	45,6	125,8	60 000	72 600	66,0
68,0	34,8	116,4	47 900	47 900	38,4	119,7	55 800	55 800	43,2	123,6	57 200	69 800	68,0
72,0	28,5	109,6	44 800	44 800	32,7	113,8	51 700	51 700	38,2	118,8	52 200	64 400	72,0
76,0	20,3	100,3	43 000	43 000	25,9	106,4	48 500	48 500	32,4	112,9	47 700	59 700	76,0
80,0					16,4	95,4	46 900	46 900	25,5	105,4	43 500	55 700	80,0
84,0									15,9	94,2	39 700	53 000	84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

ASME B30.5



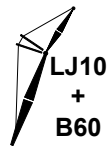
400 000 kg



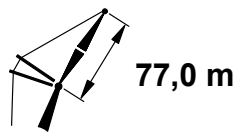
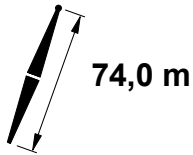
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	64,0	137,7	69 800	76 000									54,0
56,0	62,2	136,7	66 200	76 000									56,0
58,0	60,3	135,5	62 800	76 000									58,0
60,0	58,4	134,3	59 600	76 000									60,0
62,0	56,5	132,9	56 600	76 000									62,0
64,0	54,5	131,5	53 800	76 000									64,0
66,0	52,4	130,0	51 200	76 000	58,6	132,3	42 700	71 200					66,0
68,0	50,4	128,3	48 800	76 000	56,6	131,0	40 500	71 200					68,0
72,0	45,9	124,6	44 300	76 000	52,6	128,1	36 500	71 200					72,0
76,0	41,2	120,2	40 200	76 000	48,3	124,6	32 900	71 200					76,0
80,0	35,8	115,0	36 500	73 900	43,8	120,6	29 600	68 700	50,4	123,8	22 900	63 700	80,0
84,0	29,7	108,5	33 200	69 100	38,8	115,9	26 600	64 200	46,0	120,1	20 200	59 400	84,0
88,0	22,0	99,8	30 100	64 600	33,1	110,1	23 900	60 100	41,3	115,7	17 800	55 600	88,0
92,0					26,4	102,8	21 400	56 400	36,0	110,5	15 600	52 100	92,0
96,0					17,3	92,3	18 900	52 900	29,8	104,1	13 600	48 800	96,0
100,0									22,2	95,5	11 600	45 800	100,0

MLC650 VPC-MAX S-3

ASME B30.5



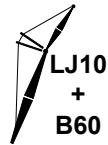
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,8	150,9	72 300	72 300									30,5
32,0	73,6	150,4	72 200	72 200									32,0
34,0	72,0	149,7	72 000	72 000									34,0
36,0	70,4	149,0	71 800	71 800									36,0
38,0	68,8	148,2	71 400	71 400	70,9	148,9	71 800	71 800					38,0
40,0	67,2	147,4	71 000	71 000	69,3	148,2	71 700	71 700					40,0
42,0	65,6	146,5	70 500	70 500	67,7	147,3	71 600	71 600					42,0
44,0	63,9	145,5	69 900	69 900	66,1	146,4	71 400	71 400					44,0
46,0	62,3	144,4	69 300	69 300	64,4	145,5	71 100	71 100	67,6	146,6	70 100	70 100	46,0
48,0	60,5	143,3	67 700	67 700	62,7	144,4	70 800	70 800	65,9	145,7	70 100	70 100	48,0
50,0	58,8	142,1	65 300	65 300	61,0	143,3	70 400	70 400	64,3	144,8	70 100	70 100	50,0
52,0	57,0	140,8	62 800	62 800	59,3	142,1	70 000	70 000	62,6	143,7	70 100	70 100	52,0
54,0	55,2	139,4	60 400	60 400	57,5	140,9	69 100	69 100	60,9	142,6	70 100	70 100	54,0
56,0	53,4	137,9	58 000	58 000	55,7	139,5	67 100	67 100	59,2	141,4	70 100	70 100	56,0
58,0	51,4	136,3	55 700	55 700	53,9	138,0	64 700	64 700	57,4	140,1	70 000	70 100	58,0
60,0	49,5	134,6	53 400	53 400	52,0	136,5	62 300	62 300	55,6	138,7	67 600	70 100	60,0
62,0	47,5	132,7	51 200	51 200	50,1	134,8	59 900	59 900	53,7	137,3	64 300	70 100	62,0
64,0	45,4	130,8	49 200	49 200	48,1	133,0	57 600	57 600	51,8	135,7	61 200	69 900	64,0
66,0	43,2	128,7	47 200	47 200	46,0	131,1	55 300	55 300	49,9	134,0	58 400	68 400	66,0
68,0	40,9	126,4	45 300	45 300	43,8	129,0	53 100	53 100	47,9	132,2	55 600	66 100	68,0
72,0	36,1	121,1	42 000	42 000	39,3	124,3	49 100	49 100	43,7	128,2	50 700	61 400	72,0
76,0	30,5	114,8	39 300	39 300	34,2	118,7	45 600	45 600	39,1	123,5	46 200	57 000	76,0
80,0	23,7	106,6	37 400	37 400	28,2	111,9	42 700	42 700	33,9	117,9	42 100	52 900	80,0
84,0	14,0	94,2	36 800	36 800	20,8	102,7	40 700	40 700	28,0	110,9	38 400	49 400	84,0
88,0					7,8	85,7	37 400	37 500	20,4	101,6	35 000	46 800	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

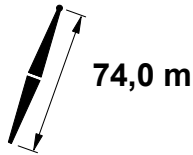
ASME B30.5



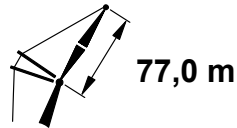
400 000 kg



360°



74,0 m

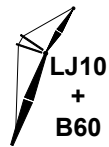


77,0 m

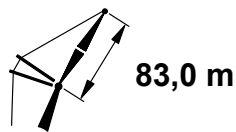
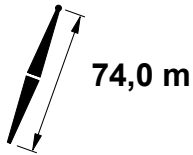
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	62,8	142,4	60 900	65 900									58,0
60,0	61,1	141,3	57 700	65 900									60,0
62,0	59,4	140,1	54 800	65 900									62,0
64,0	57,7	138,8	52 000	65 900									64,0
66,0	55,9	137,5	49 400	65 900									66,0
68,0	54,0	136,0	47 000	65 900									68,0
72,0	50,2	132,8	42 500	65 900	56,0	135,5	34 600	61 200					72,0
76,0	46,1	129,1	38 500	65 900	52,3	132,5	31 000	61 200					76,0
80,0	41,8	124,8	34 900	65 900	48,3	129,1	27 800	61 200	54,1	131,5	20 900	56 000	80,0
84,0	37,0	119,7	31 600	65 900	44,1	125,1	24 900	61 200	50,3	128,3	18 300	56 000	84,0
88,0	31,5	113,6	28 600	63 500	39,6	120,5	22 200	58 700	46,2	124,6	16 000	54 100	88,0
92,0	25,0	105,9	25 800	59 100	34,5	115,0	19 700	55 000	41,9	120,3	13 800	50 600	92,0
96,0	16,1	94,6	23 100	50 600	28,7	108,3	17 400	51 600	37,1	115,3	11 800	47 400	96,0
100,0					21,4	99,3	15 300	48 500	31,7	109,2	9 900	44 500	100,0
104,0									25,2	101,5		41 700	104,0
108,0									16,4	90,4		39 200	108,0

MLC650 VPC-MAX S-3

ASME B30.5



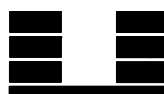
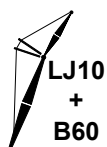
400 000 kg



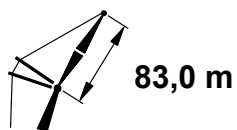
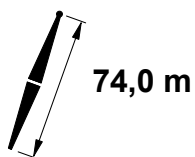
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,8	156,7	63 500	63 500									32,0
34,0	73,4	156,1	63 400	63 400									34,0
36,0	71,9	155,4	63 000	63 000									36,0
38,0	70,5	154,7	62 700	62 700									38,0
40,0	69,0	153,9	62 500	62 500	70,9	154,6	62 800	62 800					40,0
42,0	67,5	153,1	62 100	62 100	69,4	153,8	62 700	62 700					42,0
44,0	66,0	152,2	61 600	61 600	67,9	153,0	62 600	62 600					44,0
46,0	64,4	151,2	61 200	61 200	66,4	152,1	62 400	62 400	69,3	153,1	61 300	61 300	46,0
48,0	62,9	150,2	60 700	60 700	64,9	151,2	62 100	62 100	67,8	152,3	61 300	61 300	48,0
50,0	61,3	149,1	60 200	60 200	63,3	150,2	61 900	61 900	66,3	151,4	61 300	61 300	50,0
52,0	59,7	147,9	58 400	58 400	61,8	149,1	61 500	61 500	64,7	150,5	61 300	61 300	52,0
54,0	58,1	146,6	56 300	56 300	60,2	147,9	61 200	61 200	63,2	149,5	61 300	61 300	54,0
56,0	56,4	145,3	54 300	54 300	58,5	146,7	60 800	60 800	61,6	148,4	61 300	61 300	56,0
58,0	54,7	143,9	52 300	52 300	56,9	145,4	60 200	60 200	60,0	147,2	61 300	61 300	58,0
60,0	53,0	142,4	50 400	50 400	55,2	144,0	58 300	58 300	58,4	146,0	61 300	61 300	60,0
62,0	51,2	140,8	48 500	48 500	53,5	142,5	56 300	56 300	56,8	144,7	61 300	61 300	62,0
64,0	49,4	139,1	46 600	46 600	51,7	140,9	54 300	54 300	55,1	143,3	60 200	61 200	64,0
66,0	47,5	137,2	44 800	44 800	49,9	139,3	52 400	52 400	53,3	141,8	57 300	61 100	66,0
68,0	45,6	135,3	43 100	43 100	48,1	137,5	50 400	50 400	51,6	140,2	54 600	60 800	68,0
72,0	41,5	130,9	39 800	39 800	44,2	133,5	46 800	46 800	47,9	136,7	49 700	58 100	72,0
76,0	37,1	125,9	37 000	37 000	40,0	128,9	43 400	43 400	44,0	132,7	45 200	54 200	76,0
80,0	32,1	119,9	34 600	34 600	35,4	123,5	40 400	40 400	39,8	128,1	41 200	50 500	80,0
84,0	26,2	112,4	32 800	32 800	30,1	117,1	37 800	37 800	35,2	122,7	37 600	47 100	84,0
88,0	18,7	102,3	31 800	31 800	23,8	108,9	35 800	35 800	29,9	116,2	34 300	44 000	88,0
92,0					15,1	97,0	34 600	34 900	23,5	107,9	31 200	41 600	92,0
96,0									14,7	95,7	28 200	40 100	96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

ASME B30.5



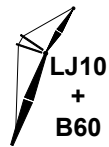
400 000 kg



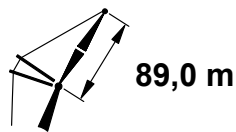
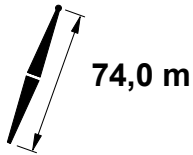
m	75°				70°				65°				m
	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0	63,4	148,1	56 400	57 800									60,0
62,0	61,9	147,1	53 500	57 800									62,0
64,0	60,3	145,9	50 800	57 800									64,0
66,0	58,6	144,7	48 200	57 800									66,0
68,0	57,0	143,4	45 800	57 800									68,0
72,0	53,6	140,5	41 300	57 800	58,8	142,8	33 200	53 500					72,0
76,0	50,0	137,3	37 400	57 800	55,4	140,1	29 700	53 500					76,0
80,0	46,3	133,6	33 800	57 800	52,0	137,0	26 500	53 500					80,0
84,0	42,3	129,3	30 600	57 800	48,3	133,6	23 700	53 500	53,7	136,0	17 000	49 600	84,0
88,0	37,9	124,4	27 600	57 800	44,5	129,6	21 000	53 500	50,1	132,8	14 700	49 600	88,0
92,0	33,0	118,6	24 900	57 400	40,3	125,1	18 600	53 400	46,4	129,1	12 600	49 300	92,0
96,0	27,4	111,5	22 300	53 500	35,7	119,8	16 400	50 800	42,4	124,8	10 600	46 500	96,0
100,0	20,2	102,0	19 900	47 900	30,5	113,5	14 300	47 700	38,0	119,9		43 600	100,0
104,0					24,3	105,4	12 400	44 800	33,1	114,2		40 900	104,0
108,0					15,9	93,9	10 500	42 100	27,5	107,1		38 400	108,0
112,0									20,4	97,6		36 000	112,0

MLC650 VPC-MAX S-3

ASME B30.5



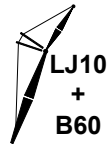
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,9	162,5	55 000	55 000									33,5
34,0	74,5	162,3	54 900	54 900									34,0
36,0	73,2	161,7	54 700	54 700									36,0
38,0	71,8	161,1	54 500	54 500									38,0
40,0	70,5	160,3	54 200	54 200	72,2	161,0	54 200	54 200					40,0
42,0	69,1	159,6	53 900	53 900	70,9	160,3	54 200	54 200					42,0
44,0	67,7	158,7	53 600	53 600	69,5	159,5	54 100	54 100					44,0
46,0	66,3	157,9	53 200	53 200	68,1	158,7	53 900	53 900					46,0
48,0	64,9	156,9	52 800	52 800	66,7	157,8	53 700	53 700	69,4	158,8	52 600	52 600	48,0
50,0	63,4	155,9	52 400	52 400	65,3	156,9	53 500	53 500	68,0	158,0	52 600	52 600	50,0
52,0	62,0	154,8	52 000	52 000	63,8	155,9	53 200	53 200	66,6	157,1	52 600	52 600	52,0
54,0	60,5	153,7	51 400	51 400	62,4	154,8	52 900	52 900	65,1	156,2	52 600	52 600	54,0
56,0	59,0	152,5	50 200	50 200	60,9	153,7	52 600	52 600	63,7	155,2	52 600	52 600	56,0
58,0	57,4	151,2	48 600	48 600	59,4	152,5	52 300	52 300	62,3	154,1	52 600	52 600	58,0
60,0	55,9	149,8	46 900	46 900	57,9	151,3	51 900	51 900	60,8	153,0	52 600	52 600	60,0
62,0	54,3	148,4	45 300	45 300	56,3	149,9	51 600	51 600	59,3	151,8	52 600	52 600	62,0
64,0	52,7	146,9	43 700	43 700	54,8	148,5	50 500	50 500	57,7	150,5	52 400	52 400	64,0
66,0	51,0	145,3	42 100	42 100	53,1	147,0	48 900	48 900	56,2	149,2	52 200	52 200	66,0
68,0	49,3	143,5	40 600	40 600	51,5	145,4	47 300	47 300	54,6	147,8	52 100	52 100	68,0
72,0	45,8	139,8	37 600	37 600	48,1	141,9	44 100	44 100	51,4	144,7	47 900	51 700	72,0
76,0	42,0	135,5	34 900	34 900	44,5	138,0	41 100	41 100	47,9	141,2	43 500	50 800	76,0
80,0	37,9	130,6	32 500	32 500	40,6	133,5	38 200	38 200	44,3	137,2	39 500	47 800	80,0
84,0	33,4	124,8	30 400	30 400	36,4	128,3	35 700	35 700	40,4	132,7	35 900	44 700	84,0
88,0	28,3	117,9	28 700	28 700	31,7	122,2	33 400	33 400	36,2	127,4	32 600	41 800	88,0
92,0	22,0	109,0	27 600	27 600	26,2	114,7	31 600	31 600	31,4	121,3	29 600	39 200	92,0
96,0	13,0	95,6	27 300	27 300	19,3	104,7	30 400	30 400	25,9	113,7	26 800	37 000	96,0
100,0									18,9	103,6	24 200	35 400	100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



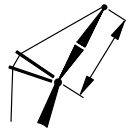
400 000 kg



360°



74,0 m

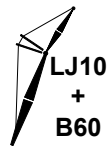


89,0 m

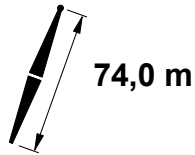
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0	63,9	153,9	49 000	49 000								62,0
64,0	62,5	152,8	48 800	49 000								64,0
66,0	61,0	151,7	46 200	49 000								66,0
68,0	59,5	150,5	43 800	49 000								68,0
72,0	56,4	147,9	39 400	49 000								72,0
76,0	53,2	145,0	35 500	49 000	58,1	147,3	27 700	45 200				76,0
80,0	49,9	141,7	31 900	49 000	55,0	144,6	24 500	45 200				80,0
84,0	46,4	138,1	28 700	49 000	51,7	141,5	21 700	45 200				84,0
88,0	42,7	133,9	25 800	49 000	48,3	138,1	19 100	45 200	53,3	140,5	41 400	88,0
92,0	38,7	129,1	23 100	49 000	44,7	134,2	16 700	45 200	50,0	137,2	41 400	92,0
96,0	34,2	123,5	20 600	49 000	40,9	129,7	14 500	45 200	46,5	133,6	41 400	96,0
100,0	29,2	116,8	18 300	47 600	36,7	124,6	12 500	45 200	42,8	129,4	41 400	100,0
104,0	23,2	108,3	16 100	43 400	32,0	118,5	10 600	43 400	38,8	124,6	39 400	104,0
108,0	15,0	96,2	14 000	36 500	26,6	111,1		40 700	34,3	119,0	36 900	108,0
112,0					19,8	101,4		38 300	29,3	112,4	34 600	112,0
116,0									23,4	104,0	32 400	116,0
120,0									15,2	92,0	30 400	120,0

MLC650 VPC-MAX S-3

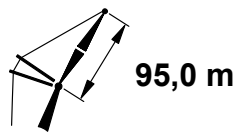
ASME B30.5



400 000 kg



74,0 m

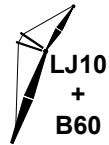


95,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,9	168,3	48 000	48 000									35,1
36,0	74,3	168,0	47 900	47 900									36,0
38,0	73,0	167,4	47 700	47 700									38,0
40,0	71,7	166,7	47 500	47 500									40,0
42,0	70,5	166,0	47 200	47 200									42,0
44,0	69,2	165,2	46 900	46 900	72,1	166,6	47 200	47 200					44,0
46,0	67,9	164,4	46 600	46 600	70,8	165,9	47 100	47 100					46,0
48,0	66,6	163,5	46 300	46 300	69,5	165,2	46 900	46 900					48,0
50,0	65,2	162,6	45 900	45 900	68,2	164,4	46 800	46 800					50,0
52,0	63,9	161,6	45 600	45 600	66,9	163,5	46 600	46 600					52,0
54,0	62,5	160,6	45 300	45 300	65,6	162,6	46 400	46 400	68,1	163,7	45 700	45 700	54,0
56,0	61,1	159,5	44 800	44 800	64,3	161,6	46 100	46 100	66,8	162,8	45 700	45 700	56,0
58,0	59,7	158,3	44 400	44 400	62,9	160,6	45 900	45 900	65,5	161,9	45 700	45 700	58,0
60,0	58,3	157,1	43 400	43 400	61,5	159,5	45 600	45 600	64,2	160,9	45 600	45 600	60,0
62,0	56,9	155,8	42 000	42 000	60,1	158,3	45 300	45 300	62,8	159,9	45 600	45 600	62,0
64,0	55,4	154,4	40 700	40 700	58,7	157,1	45 000	45 000	61,4	158,8	45 500	45 500	64,0
66,0	53,9	152,9	39 300	39 300	57,3	155,8	44 700	44 700	60,0	157,6	45 400	45 400	66,0
68,0	52,4	151,4	38 000	38 000	55,8	154,5	44 400	44 400	58,6	156,4	45 200	45 200	68,0
72,0	49,3	148,0	35 300	35 300	54,4	153,0	43 800	43 800	57,2	155,1	45 100	45 100	72,0
76,0	45,9	144,3	32 900	32 900	51,3	149,9	41 200	41 200	54,2	152,3	44 700	44 700	76,0
80,0	42,4	140,0	30 600	30 600	48,1	146,4	38 600	38 600	51,2	149,1	42 500	44 300	80,0
84,0	38,7	135,2	28 500	28 500	44,7	142,5	36 000	36 000	48,0	145,6	38 500	43 900	84,0
88,0	34,5	129,7	26 700	26 700	41,1	138,1	33 700	33 700	44,6	141,7	34 900	42 000	88,0
92,0	29,9	123,1	25 200	25 200	37,2	133,0	31 500	31 500	41,0	137,2	31 700	39 500	92,0
96,0	24,5	115,0	24 100	24 100	32,9	127,1	29 500	29 500	37,1	132,2	28 700	37 000	96,0
100,0	17,4	104,1	23 500	23 500	28,1	120,1	27 900	27 900	32,7	126,3	25 900	34 800	100,0
104,0					22,2	111,3	26 600	26 600	27,8	119,2	23 400	32 800	104,0
108,0					14,1	98,5	24 400	25 800	21,9	110,2	21 000	31 200	108,0
112,0									13,7	97,1	18 700	28 300	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

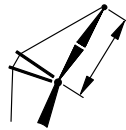
ASME B30.5



400 000 kg



74,0 m

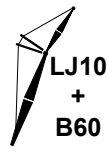


95,0 m

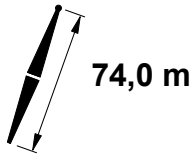
		75°				70°				65°			
		m	°	m	kg	kg	°	m	kg	kg	°	m	kg
35,1													
36,0													
38,0													
40,0													
42,0													
44,0													
46,0													
48,0													
50,0													
52,0													
54,0													
56,0													
58,0													
60,0													
62,0													
64,0	64,4	159,6	42 300	42 300									64,0
66,0	63,0	158,5	42 300	42 300									66,0
68,0	61,6	157,5	42 100	42 300									68,0
72,0	58,8	155,1	38 200	42 300									72,0
76,0	55,9	152,5	34 300	42 300									76,0
80,0	52,9	149,5	30 800	42 300	57,5	151,9	23 300	38 700					80,0
84,0	49,8	146,2	27 600	42 300	54,6	149,1	20 400	38 700					84,0
88,0	46,5	142,5	24 700	42 300	51,5	146,0	17 900	38 700					88,0
92,0	43,1	138,4	22 000	42 300	48,3	142,5	15 500	38 700	53,0	145,0	35 100		92,0
96,0	39,3	133,7	19 600	42 300	45,0	138,7	13 400	38 700	49,9	141,7	35 100		96,0
100,0	35,3	128,3	17 300	42 300	41,4	134,3	11 400	38 700	46,6	138,0	35 100		100,0
104,0	30,8	121,9	15 200	42 200	37,5	129,3	9 500	38 700	43,1	133,9	35 100		104,0
108,0	25,5	114,2	13 200	39 300	33,3	123,5		38 700	39,4	129,2	35 100		108,0
112,0	18,9	104,0	11 300	34 500	28,4	116,5		37 500	35,4	123,8	33 700		112,0
116,0					22,7	107,8		35 200	30,9	117,5	31 600		116,0
120,0					14,8	95,5		32 900	25,6	109,8	29 600		120,0
124,0									19,1	99,7	27 700		124,0
128,0									8,1	82,0	25 800		128,0

MLC650 VPC-MAX S-3

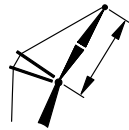
ASME B30.5



400 000 kg



74,0 m

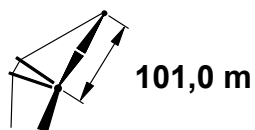
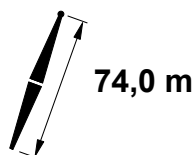
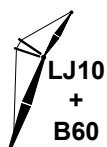


101,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,9	174,1	40 300	40 300									36,6
38,0	74,1	173,7	40 200	40 200									38,0
40,0	72,9	173,1	40 000	40 000									40,0
42,0	71,7	172,4	39 800	39 800									42,0
44,0	70,5	171,7	39 600	39 600	72,0	172,3	39 600	39 600					44,0
46,0	69,3	170,9	39 400	39 400	70,8	171,6	39 400	39 400					46,0
48,0	68,0	170,1	39 100	39 100	69,6	170,8	39 300	39 300					48,0
50,0	66,8	169,2	38 800	38 800	68,4	170,0	39 100	39 100					50,0
52,0	65,5	168,3	38 500	38 500	67,2	169,2	38 900	38 900	69,5	170,1	38 100	38 100	52,0
54,0	64,3	167,3	38 200	38 200	65,9	168,3	38 700	38 700	68,3	169,3	38 100	38 100	54,0
56,0	63,0	166,3	37 900	37 900	64,6	167,3	38 500	38 500	67,0	168,5	38 100	38 100	56,0
58,0	61,7	165,2	37 600	37 600	63,4	166,3	38 300	38 300	65,8	167,6	38 000	38 000	58,0
60,0	60,4	164,1	37 300	37 300	62,1	165,3	38 100	38 100	64,5	166,6	37 900	37 900	60,0
62,0	59,1	162,9	37 000	37 000	60,8	164,1	37 800	37 800	63,3	165,6	37 800	37 800	62,0
64,0	57,8	161,6	36 600	36 600	59,5	162,9	37 600	37 600	62,0	164,5	37 700	37 700	64,0
66,0	56,4	160,3	36 100	36 100	58,1	161,7	37 300	37 300	60,7	163,4	37 600	37 600	66,0
68,0	55,0	158,9	35 000	35 000	56,8	160,4	37 100	37 100	59,4	162,2	37 500	37 500	68,0
72,0	52,2	155,9	32 800	32 800	54,0	157,5	36 500	36 500	56,7	159,6	37 200	37 200	72,0
76,0	49,2	152,5	30 700	30 700	51,1	154,4	35 700	35 700	53,9	156,8	36 900	36 900	76,0
80,0	46,1	148,7	28 700	28 700	48,1	150,9	33 600	33 600	51,0	153,6	36 400	36 600	80,0
84,0	42,8	144,6	26 800	26 800	44,9	147,0	31 600	31 600	48,0	150,1	33 300	36 200	84,0
88,0	39,3	139,8	25 000	25 000	41,6	142,6	29 600	29 600	44,8	146,2	30 000	35 900	88,0
92,0	35,5	134,5	23 400	23 400	38,0	137,7	27 700	27 700	41,4	141,8	27 100	34 700	92,0
96,0	31,3	128,2	22 100	22 100	34,0	132,0	26 100	26 100	37,8	136,8	24 300	32 600	96,0
100,0	26,4	120,7	21 000	21 000	29,6	125,4	24 600	24 600	33,9	131,1	21 800	29 700	100,0
104,0	20,6	111,2	20 200	20 200	24,5	117,3	23 000	23 000	29,4	124,5	19 500	26 700	104,0
108,0	12,1	96,8	18 100	18 100	18,0	106,6	20 200	20 200	24,3	116,3	17 300	23 700	108,0
112,0									17,7	105,4	15 200	20 900	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0

MLC650 VPC-MAX S-3

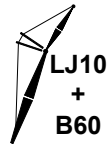
ASME B30.5



	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0	63,5	164,3	35 100	35 100								68,0
72,0	60,9	162,1	35 100	35 100								72,0
76,0	58,2	159,7	32 500	35 100								76,0
80,0	55,5	157,0	29 000	35 100								80,0
84,0	52,7	154,0	25 800	35 100	57,0	156,4	18 500	31 900				84,0
88,0	49,7	150,7	22 900	35 100	54,2	153,6	16 000	31 900				88,0
92,0	46,6	147,0	20 300	35 100	51,3	150,5	13 600	31 900				92,0
96,0	43,4	142,9	17 800	35 100	48,3	147,0	11 500	31 900	52,7	149,5	28 700	96,0
100,0	39,9	138,3	15 600	35 100	45,2	143,1	9 500	31 900	49,8	146,2	28 700	100,0
104,0	36,2	133,0	13 500	32 600	41,8	138,8		31 900	46,7	142,5	28 700	104,0
108,0	32,0	127,0	11 600	29 600	38,2	133,9		31 900	43,5	138,4	28 700	108,0
112,0	27,4	119,7	9 800	26 600	34,3	128,3		31 600	40,0	133,8	28 700	112,0
116,0	21,7	110,6		23 600	30,0	121,8		29 000	36,3	128,6	28 700	116,0
120,0	14,0	97,6		20 800	24,9	113,8		26 000	32,1	122,5	28 200	120,0
124,0					18,6	103,3		23 100	27,5	115,3	26 300	124,0
128,0					8,1	85,4		20 500	21,9	106,3	24 600	128,0
132,0									14,2	93,4	22 300	132,0

MLC650 VPC-MAX S-3

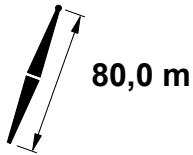
ASME B30.5



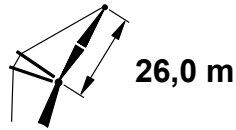
400 000 kg



360°



80,0 m

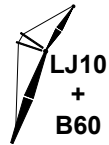


26,0 m

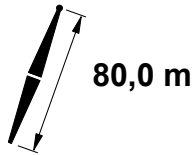
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,2	107,4	203 600 d	203 600 d									18,3
20,0	69,1	106,7	202 000 d	202 000 d									20,0
22,0	64,2	105,7	198 700 c	198 700 c	71,0	106,7	206 800 d	206 800 d					22,0
24,0	59,1	104,5	194 400 b	194 400 b	66,2	105,8	203 100 c	203 100 c					24,0
26,0	53,6	103,0	181 900 b	181 900 b	61,1	104,7	200 100 c	200 100 c					26,0
28,0	47,6	101,2	169 400	169 400	55,8	103,3	195 600 b	195 600 b	66,5	105,2	200 400 c	205 400 c	28,0
30,0	41,0	98,9	159 400	159 400	50,0	101,6	185 200	185 200	61,5	104,1	184 900 b	203 900 b	30,0
32,0	33,1	96,0	152 100	152 100	43,7	99,6	172 900	172 900	56,2	102,8	171 200 b	201 300 b	32,0
34,0	22,6	91,7	148 700	148 700	36,4	96,9	163 800	163 800	50,5	101,1	159 400 b	198 000 b	34,0
36,0					27,2	93,3	156 500	157 900	44,2	99,1	148 800	189 500	36,0
38,0					11,7	86,5	142 900	143 000	36,9	96,5	139 300	178 300	38,0
40,0									28,0	92,9	130 600	170 700	40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0

MLC650 VPC-MAX S-3

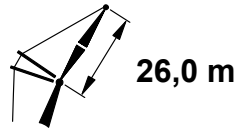
ASME B30.5



400 000 kg



80,0 m

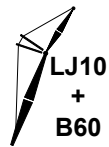


26,0 m

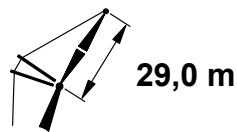
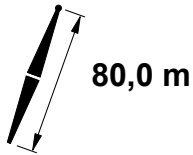
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	58,4	101,7	125 300 b	197 900 b									38,0
40,0	52,8	100,2	117 700 b	186 600 b									40,0
42,0	46,8	98,3	110 700	176 300									42,0
44,0	40,0	96,0	104 400	167 000									44,0
46,0	31,9	92,9	98 500	158 500	54,7	98,6	87 500 b	150 000 b					46,0
48,0	20,8	88,3	92 900	150 600	48,8	96,8	82 800 b	142 700 b					48,0
50,0					42,3	94,6	78 300	135 900					50,0
52,0					34,7	91,8	74 200	129 700					52,0
54,0					25,0	87,9	70 300	123 900	50,1	94,5	61 500	117 200	54,0
56,0									43,8	92,4	58 300	112 100	56,0
58,0									36,5	89,7	55 400	107 400	58,0
60,0									27,4	86,1	52 500	103 000	60,0

MLC650 VPC-MAX S-3

ASME B30.5



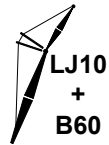
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	71,8	110,0	189 200 c	189 200 c									19,8
20,0	71,4	110,0	189 000 c	189 000 c									20,0
22,0	67,1	109,1	186 600 c	186 600 c									22,0
24,0	62,7	108,0	183 300 b	183 300 b	68,8	109,1	190 300 c	190 300 c					24,0
26,0	58,0	106,8	178 600 b	178 600 b	64,4	108,1	188 100 b	188 100 b					26,0
28,0	53,0	105,2	166 100	166 100	59,8	107,0	185 000 b	185 000 b					28,0
30,0	47,7	103,4	155 400	155 400	55,0	105,5	180 800	180 800	64,7	107,5	183 500 b	190 800 b	30,0
32,0	41,8	101,2	146 600	146 600	49,8	103,9	170 100	170 100	60,2	106,4	169 900 b	189 200 b	32,0
34,0	35,0	98,4	140 300	140 300	44,2	101,8	159 700	159 700	55,3	105,0	158 200 b	186 800 b	34,0
36,0	26,6	94,7	136 600	136 600	37,8	99,3	151 500	151 500	50,2	103,3	147 700	184 100	36,0
38,0	13,3	88,3	134 100	134 100	30,2	96,0	145 600	145 600	44,6	101,3	138 200	175 700	38,0
40,0					19,8	91,1	136 500	139 600	38,3	98,8	129 800	166 000	40,0
42,0									30,8	95,6	122 000	158 800	42,0
44,0									20,7	90,9	114 800	154 700	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

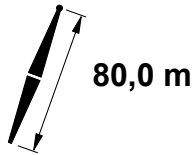
ASME B30.5



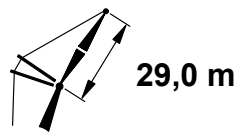
400 000 kg



360°



80,0 m

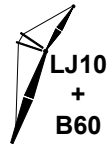


29,0 m

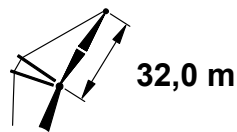
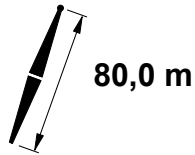
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	57,3	104,0	116 300 b	185 400 b									40,0
42,0	52,3	102,4	109 400	175 100									42,0
44,0	46,9	100,6	103 100	165 800									44,0
46,0	40,9	98,3	97 400	157 400	58,9	102,2	86 000	148 700					46,0
48,0	34,0	95,4	92 000	149 700	54,0	100,8	81 300	141 500					48,0
50,0	25,3	91,5	87 000	142 500	48,7	99,0	77 000	134 800					50,0
52,0					43,0	96,9	72 900	128 600					52,0
54,0					36,4	94,2	69 200	122 900					54,0
56,0					28,4	90,7	65 600	117 500	49,9	96,7	56 900	110 900	56,0
58,0									44,2	94,6	54 000	106 200	58,0
60,0									37,9	92,1	51 200	101 900	60,0
62,0									30,3	88,8	48 600	97 800	62,0
64,0									20,0	84,0	46 000	93 900	64,0

MLC650 VPC-MAX S-3

ASME B30.5



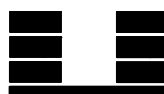
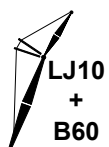
400 000 kg



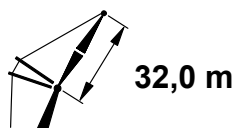
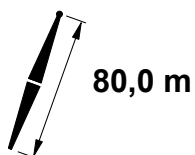
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,6	113,2	177 000 c	177 000 c									19,8
20,0	73,3	113,2	176 900 c	176 900 c									20,0
22,0	69,4	112,4	175 300 c	175 300 c									22,0
24,0	65,5	111,5	172 800 b	172 800 b									24,0
26,0	61,4	110,4	169 200 b	169 200 b	67,0	111,5	176 800 b	176 800 b					26,0
28,0	57,1	109,0	163 800	163 800	63,0	110,5	174 400 b	174 400 b					28,0
30,0	52,6	107,5	152 800	152 800	58,8	109,3	171 600	171 600	67,3	110,9	178 200 b	178 200 b	30,0
32,0	47,8	105,7	143 400	143 400	54,4	107,8	168 200	168 200	63,3	109,9	169 200 b	177 900 b	32,0
34,0	42,5	103,5	135 900	135 900	49,7	106,1	157 500	157 500	59,1	108,7	157 500 b	176 000 b	34,0
36,0	36,5	100,9	130 000	130 000	44,6	104,1	148 300	148 300	54,7	107,2	147 000	173 900	36,0
38,0	29,5	97,5	126 100	126 100	39,0	101,7	140 900	140 900	50,0	105,6	137 700	171 500	38,0
40,0	20,1	92,6	124 200	124 200	32,4	98,6	135 400	135 500	45,0	103,6	129 300	164 200	40,0
42,0					24,2	94,5	129 300	132 600	39,4	101,2	121 700	155 400	42,0
44,0					10,2	86,9	117 900	118 600	32,9	98,2	114 700	148 500	44,0
46,0									24,9	94,2	108 300	144 200	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



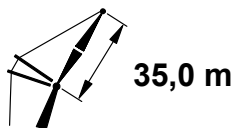
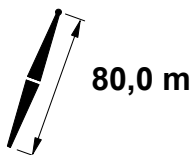
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,8	107,6	115 400	175 200									40,0
42,0	56,5	106,3	108 600	172 900									42,0
44,0	52,0	104,7	102 400	165 100									44,0
46,0	47,1	102,8	96 700	156 700									46,0
48,0	41,7	100,6	91 500	149 100	57,9	104,5	80 400	140 700					48,0
50,0	35,7	97,9	86 700	142 000	53,5	103,0	76 200	134 000					50,0
52,0	28,5	94,4	82 100	135 500	48,7	101,3	72 200	127 900					52,0
54,0	18,5	89,2	77 800	129 400	43,5	99,2	68 500	122 200					54,0
56,0					37,7	96,6	65 000	117 000					56,0
58,0					31,0	93,4	61 800	112 100	49,8	98,9	53 200	105 500	58,0
60,0					22,2	89,0	58 600	107 500	44,7	96,9	50 500	101 300	60,0
62,0									39,0	94,5	48 000	97 200	62,0
64,0									32,5	91,4	45 500	93 400	64,0
66,0									24,4	87,4	43 200	89 800	66,0

MLC650 VPC-MAX S-3

ASME B30.5



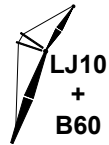
400 000 kg



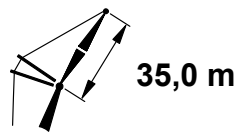
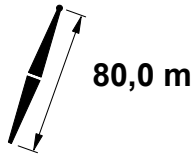
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,4	115,9	164 400 c	164 400 c									21,3
22,0	71,3	115,6	163 900 c	163 900 c									22,0
24,0	67,7	114,8	162 100 b	162 100 b									24,0
26,0	64,1	113,8	159 500 b	159 500 b	69,1	114,8	165 200 b	165 200 b					26,0
28,0	60,3	112,6	156 400	156 400	65,5	113,9	163 600 b	163 600 b					28,0
30,0	56,3	111,3	150 400	150 400	61,8	112,8	161 500	161 500					30,0
32,0	52,2	109,7	141 200	141 200	57,9	111,5	158 900	158 900	65,8	113,3	165 800 b	165 800 b	32,0
34,0	47,8	107,9	133 200	133 200	53,8	110,0	154 800	154 800	62,1	112,2	156 100	165 000	34,0
36,0	43,0	105,8	126 500	126 500	49,5	108,3	146 600	146 600	58,2	110,9	145 700	163 400	36,0
38,0	37,7	103,2	121 100	121 100	44,9	106,3	138 400	138 400	54,1	109,5	136 400	161 500	38,0
40,0	31,6	100,1	117 200	117 200	39,8	104,0	131 800	131 800	49,9	107,8	128 100	159 300	40,0
42,0	24,0	95,9	114 400	114 400	34,1	101,1	126 700	126 700	45,3	105,8	120 600	154 000	42,0
44,0	11,9	88,8	111 200	111 200	27,2	97,4	121 100	122 600	40,2	103,5	113 700	146 000	44,0
46,0					17,8	92,0	113 300	117 500	34,5	100,6	107 400	139 600	46,0
48,0									27,8	97,0	101 500	134 500	48,0
50,0									18,6	91,8	96 000	131 100	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



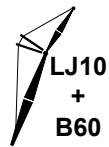
400 000 kg



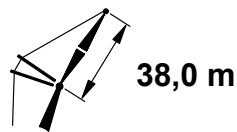
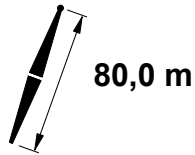
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	63,6	111,0	113 900	162 800									40,0
42,0	59,8	109,9	107 200	162 800									42,0
44,0	55,8	108,5	101 000	162 800									44,0
46,0	51,6	106,9	95 400	155 500									46,0
48,0	47,2	105,1	90 200	147 900									48,0
50,0	42,3	102,9	85 400	140 900	57,1	106,8	74 600	132 700					50,0
52,0	36,9	100,3	81 000	134 500	53,0	105,3	70 700	126 700					52,0
54,0	30,7	97,0	76 900	128 500	48,6	103,5	67 100	121 100					54,0
56,0	22,8	92,6	72 900	122 900	43,9	101,4	63 700	115 800					56,0
58,0					38,7	99,0	60 500	111 000	53,9	102,8	51 600	104 300	58,0
60,0					32,8	96,0	57 500	106 500	49,6	101,1	49 000	100 000	60,0
62,0					25,6	92,0	54 600	102 200	45,0	99,1	46 500	96 000	62,0
64,0					15,1	85,9	51 700	98 100	39,9	96,8	44 200	92 300	64,0
66,0									34,2	93,9	42 000	88 800	66,0
68,0									27,3	90,2	39 800	85 400	68,0

MLC650 VPC-MAX S-3

ASME B30.5



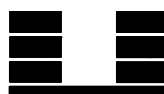
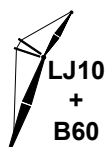
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,9	119,0	154 500 c	154 500 c									21,3
22,0	72,8	118,8	154 300 c	154 300 c									22,0
24,0	69,6	118,1	153 100 b	153 100 b									24,0
26,0	66,3	117,2	151 100 b	151 100 b	70,9	118,0	155 300 b	155 300 b					26,0
28,0	62,9	116,1	148 700 b	148 700 b	67,6	117,2	154 500 b	154 500 b					28,0
30,0	59,4	114,9	145 700	145 700	64,2	116,2	152 900	152 900					30,0
32,0	55,7	113,6	139 900	139 900	60,8	115,1	150 900	150 900	67,8	116,6	155 500 b	155 500 b	32,0
34,0	51,9	112,0	131 600	131 600	57,2	113,8	148 600	148 600	64,5	115,6	153 900	155 300	34,0
36,0	47,8	110,2	124 500	124 500	53,4	112,3	144 300	144 300	61,0	114,5	145 800	154 400	36,0
38,0	43,5	108,1	118 400	118 400	49,4	110,6	137 000	137 000	57,4	113,2	136 500	153 000	38,0
40,0	38,7	105,6	112 800	112 800	45,2	108,6	129 900	129 900	53,7	111,7	128 200	151 300	40,0
42,0	33,3	102,6	108 000	108 000	40,6	106,3	123 300	123 300	49,7	110,0	120 700	149 000	42,0
44,0	26,9	98,9	104 400	104 400	35,5	103,5	117 500	117 500	45,5	108,1	113 900	143 200	44,0
46,0	18,3	93,5	102 800	102 800	29,5	100,1	112 900	112 900	41,0	105,8	107 700	136 300	46,0
48,0					22,0	95,6	108 600	110 000	35,9	103,1	101 900	130 000	48,0
50,0									30,0	99,7	96 600	124 500	50,0
52,0									22,7	95,3	91 600	120 600	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

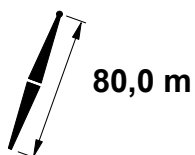
ASME B30.5



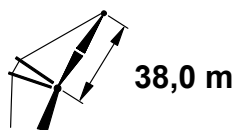
400 000 kg



360°



80,0 m

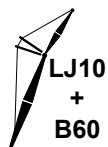


38,0 m

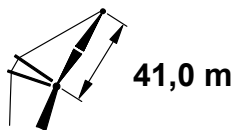
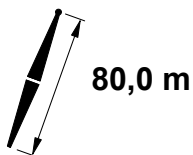
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,4	113,4	107 200	152 400									42,0
44,0	58,9	112,2	101 000	152 400									44,0
46,0	55,2	110,8	95 400	152 100									46,0
48,0	51,4	109,2	90 300	147 800									48,0
50,0	47,3	107,3	85 600	140 900									50,0
52,0	42,9	105,2	81 200	134 400	56,4	109,1	70 700	126 600					52,0
54,0	38,0	102,6	77 100	128 500	52,6	107,5	67 100	121 000					54,0
56,0	32,5	99,6	73 300	123 000	48,6	105,8	63 800	115 800					56,0
58,0	25,9	95,7	69 700	117 900	44,3	103,7	60 600	111 000					58,0
60,0	16,8	90,0	66 200	113 100	39,6	101,3	57 700	106 500	53,5	105,1	49 000	100 000	60,0
62,0					34,4	98,5	54 900	102 300	49,5	103,4	46 600	96 000	62,0
64,0					28,2	94,9	52 200	98 300	45,3	101,4	44 300	92 300	64,0
66,0					20,2	90,0	49 600	94 600	40,7	99,1	42 100	88 800	66,0
68,0									35,6	96,4	40 000	85 500	68,0
72,0									22,2	88,5	36 100	79 400	72,0

MLC650 VPC-MAX S-3

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400 000 kg



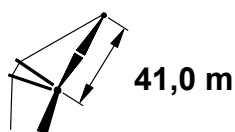
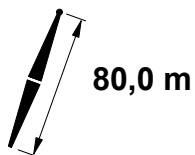
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,9	121,7	144 400 b	144 400 b									22,9
24,0	71,2	121,3	143 800 b	143 800 b									24,0
26,0	68,1	120,5	142 400 b	142 400 b									26,0
28,0	65,1	119,5	140 400	140 400	72,3	121,2	145 300 b	145 300 b					28,0
30,0	61,9	118,4	138 200	138 200	69,3	120,5	145 000 b	145 000 b					30,0
					66,3	119,6	143 900	143 900					
32,0	58,6	117,2	135 200	135 200	63,1	118,5	142 400	142 400	69,5	119,8	144 900	144 900	32,0
34,0	55,2	115,8	128 100	128 100	59,9	117,4	140 500	140 500	66,5	119,0	144 900	144 900	34,0
36,0	51,6	114,2	121 300	121 300	56,5	116,0	138 200	138 200	63,4	117,9	142 900	144 900	36,0
38,0	47,8	112,4	114 800	114 800	53,0	114,5	132 700	132 700	60,1	116,8	135 200	144 200	38,0
40,0	43,8	110,3	108 900	108 900	49,3	112,8	125 900	125 900	56,8	115,5	127 000	142 900	40,0
42,0	39,4	107,9	103 500	103 500	45,4	110,8	119 500	119 500	53,3	114,0	119 500	141 400	42,0
44,0	34,6	105,1	99 000	99 000	41,2	108,6	113 500	113 500	49,6	112,3	112 700	138 700	44,0
46,0	29,0	101,6	95 500	95 500	36,6	105,9	108 200	108 200	45,7	110,3	106 500	132 400	46,0
48,0	22,0	97,0	93 500	93 500	31,3	102,7	103 800	103 800	41,5	108,1	100 800	126 100	48,0
50,0	10,9	89,3	93 100	93 100	25,0	98,7	100 600	100 600	36,9	105,4	95 600	120 300	50,0
52,0									31,7	102,3	90 700	115 200	52,0
54,0									25,5	98,3	86 100	111 200	54,0
56,0									17,0	92,6	81 800	109 000	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



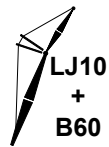
400 000 kg



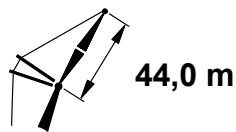
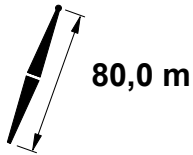
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,4	115,7	99 600	142 200									44,0
46,0	58,1	114,4	94 000	142 200									46,0
48,0	54,7	113,0	88 900	142 200									48,0
50,0	51,1	111,4	84 200	139 400									50,0
52,0	47,3	109,5	79 900	133 300	59,2	112,7	69 200	125 300					52,0
54,0	43,3	107,4	75 900	127 500	55,8	111,3	65 700	119 800					54,0
56,0	38,8	105,0	72 100	122 000	52,3	109,7	62 300	114 600					56,0
58,0	33,9	102,1	68 600	116 900	48,6	108,0	59 200	109 800					58,0
60,0	28,2	98,5	65 300	112 200	44,6	106,0	56 300	105 400					60,0
62,0	20,9	93,7	62 100	107 700	40,3	103,6	53 600	101 200	53,1	107,3	45 000	94 800	62,0
64,0	8,0	84,7	58 900	103 400	35,6	100,9	51 000	97 300	49,4	105,6	42 800	91 100	64,0
66,0					30,1	97,5	48 500	93 600	45,5	103,7	40 700	87 600	66,0
68,0					23,5	93,2	46 200	90 100	41,3	101,4	38 600	84 400	68,0
72,0									31,4	95,6	34 900	78 400	72,0
76,0									16,4	85,7	31 300	72 900	76,0

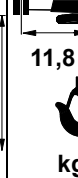
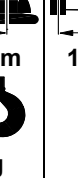
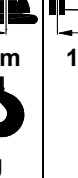
MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



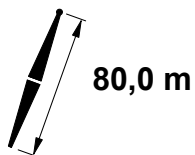
	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,1	124,8	135 400 b	135 400 b									22,9
24,0	72,5	124,5	135 100 b	135 100 b									24,0
26,0	69,7	123,7	134 200	134 200									26,0
28,0	66,9	122,9	132 700	132 700	70,8	123,7	136 000	136 000					28,0
30,0	64,0	121,9	130 900	130 900	68,0	122,9	135 500	135 500					30,0
32,0	61,0	120,7	128 800	128 800	65,1	121,9	134 400	134 400					32,0
34,0	57,9	119,5	123 900	123 900	62,2	120,9	132 900	132 900	68,2	122,3	135 700	135 700	34,0
36,0	54,7	118,1	117 500	117 500	59,1	119,7	131 000	131 000	65,3	121,3	135 700	135 700	36,0
38,0	51,4	116,5	111 400	111 400	56,0	118,3	128 400	128 400	62,4	120,3	134 000	135 600	38,0
40,0	47,9	114,7	105 600	105 600	52,7	116,8	122 200	122 200	59,4	119,1	126 100	134 800	40,0
42,0	44,2	112,6	100 200	100 200	49,3	115,1	116 100	116 100	56,2	117,7	118 700	133 700	42,0
44,0	40,1	110,2	95 400	95 400	45,6	113,1	110 300	110 300	53,0	116,2	111 900	132 400	44,0
46,0	35,7	107,5	91 200	91 200	41,7	110,9	104 900	104 900	49,5	114,5	105 700	128 900	46,0
48,0	30,7	104,2	87 800	87 800	37,5	108,3	100 100	100 100	45,9	112,6	100 100	122 900	48,0
50,0	24,8	100,2	85 400	85 400	32,8	105,3	95 900	95 900	42,0	110,4	94 800	117 200	50,0
52,0	16,8	94,4	84 600	84 600	27,3	101,6	92 600	92 600	37,8	107,8	90 000	111 800	52,0
54,0					20,3	96,6	90 500	90 800	33,1	104,8	85 500	107 100	54,0
56,0									27,7	101,2	81 300	103 100	56,0
58,0									20,9	96,4	77 400	100 200	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

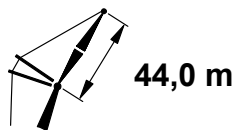
ASME B30.5



400 000 kg



80,0 m

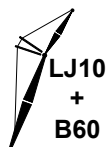


44,0 m

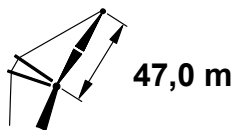
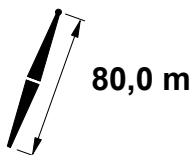
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	60,6	118,0	93 100	132 900									46,0
48,0	57,5	116,7	88 000	132 900									48,0
50,0	54,3	115,3	83 300	132 900									50,0
52,0	50,9	113,6	79 000	132 400									52,0
54,0	47,4	111,8	75 100	126 700	58,5	115,0	64 700	118 900					54,0
56,0	43,6	109,7	71 300	121 300	55,3	113,6	61 400	113 800					56,0
58,0	39,6	107,3	67 800	116 200	52,0	112,0	58 300	109 000					58,0
60,0	35,1	104,5	64 600	111 500	48,6	110,2	55 400	104 600					60,0
62,0	30,0	101,2	61 500	107 100	44,9	108,2	52 700	100 400					62,0
64,0	23,9	96,9	58 600	102 900	40,9	105,9	50 200	96 500	52,7	109,6	41 800	90 300	64,0
66,0	15,5	90,7	55 700	99 000	36,6	103,3	47 800	92 900	49,3	107,9	39 700	86 900	66,0
68,0					31,8	100,1	45 500	89 500	45,7	105,9	37 700	83 600	68,0
72,0					18,6	90,9	41 100	83 100	37,6	101,1	34 000	77 700	72,0
76,0									27,4	94,4	30 600	72 300	76,0

MLC650 VPC-MAX S-3

ASME B30.5



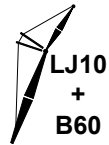
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,2	127,5	126 100 b	126 100 b									24,4
26,0	71,1	126,9	125 600	125 600									26,0
28,0	68,5	126,1	124 600	124 600	72,1	126,9	126 700	126 700					28,0
30,0	65,8	125,2	123 200	123 200	69,5	126,1	126 600	126 600					30,0
32,0	63,0	124,2	121 600	121 600	66,8	125,3	126 000	126 000					32,0
34,0	60,2	123,0	118 900	118 900	64,1	124,3	124 900	124 900					34,0
36,0	57,3	121,7	113 800	113 800	61,3	123,2	123 600	123 600	67,0	124,7	126 500	126 500	36,0
38,0	54,3	120,3	108 100	108 100	58,5	121,9	122 200	122 200	64,3	123,7	126 500	126 500	38,0
40,0	51,2	118,7	102 600	102 600	55,5	120,5	118 600	118 600	61,5	122,6	124 800	126 300	40,0
42,0	47,9	116,9	97 500	97 500	52,4	119,0	112 900	112 900	58,7	121,4	117 400	125 600	42,0
44,0	44,4	114,8	92 600	92 600	49,2	117,3	107 400	107 400	55,7	120,0	110 600	124 600	44,0
46,0	40,7	112,5	88 200	88 200	45,8	115,3	102 200	102 200	52,6	118,4	104 500	123 300	46,0
48,0	36,6	109,9	84 400	84 400	42,2	113,1	97 400	97 400	49,4	116,7	98 900	119 700	48,0
50,0	32,1	106,8	81 100	81 100	38,3	110,6	92 900	92 900	46,0	114,8	93 700	114 300	50,0
52,0	26,9	103,0	78 600	78 600	34,0	107,7	89 000	89 000	42,4	112,6	88 900	109 100	52,0
54,0	20,4	98,0	77 400	77 400	29,1	104,2	85 800	85 800	38,6	110,2	84 500	104 300	54,0
56,0	10,0	89,8	77 200	77 200	23,2	99,8	83 600	83 600	34,3	107,3	80 300	99 800	56,0
58,0									29,4	103,8	76 400	96 000	58,0
60,0									23,7	99,5	72 800	93 000	60,0
62,0									15,8	93,4	69 200	91 600	62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

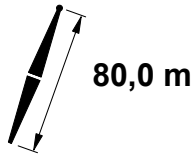
ASME B30.5



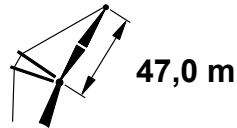
400 000 kg



360°



80,0 m

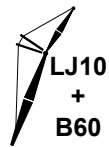


47,0 m

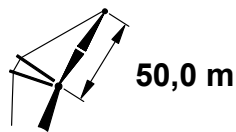
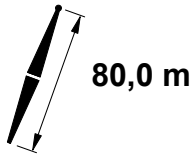
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,7	121,4	91 600	123 700									46,0
48,0	59,8	120,3	86 600	123 700									48,0
50,0	56,9	119,0	81 900	123 700									50,0
52,0	53,9	117,5	77 700	123 700									52,0
54,0	50,8	115,9	73 700	123 500									54,0
56,0	47,4	114,0	70 000	120 200	57,9	117,2	59 900	112 600					56,0
58,0	43,9	112,0	66 600	115 100	54,9	115,8	56 800	107 800					58,0
60,0	40,2	109,6	63 400	110 500	51,8	114,2	54 000	103 400					60,0
62,0	36,1	106,9	60 400	106 100	48,5	112,4	51 300	99 300					62,0
64,0	31,5	103,7	57 500	102 000	45,1	110,5	48 800	95 400					64,0
66,0	26,2	99,8	54 800	98 100	41,4	108,2	46 400	91 800	52,5	111,8	38 200	85 700	66,0
68,0	19,4	94,6	52 100	94 500	37,4	105,6	44 200	88 400	49,2	110,1	36 200	82 400	68,0
72,0					28,0	99,0	40 000	82 100	42,2	106,0	32 600	76 600	72,0
76,0					12,8	87,2	36 000	76 400	34,0	100,6	29 300	71 300	76,0
80,0									23,3	92,7	26 300	66 500	80,0

MLC650 VPC-MAX S-3

ASME B30.5



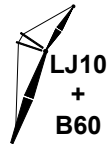
400 000 kg



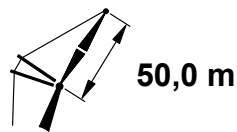
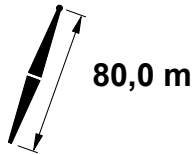
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,2	130,6	118 500	118 500									24,4
26,0	72,3	130,1	118 300	118 300									26,0
28,0	69,8	129,4	117 500	117 500									28,0
30,0	67,3	128,5	116 500	116 500	70,8	129,3	118 900	118 900					30,0
32,0	64,8	127,6	115 100	115 100	68,3	128,5	118 600	118 600					32,0
34,0	62,2	126,5	113 300	113 300	65,8	127,6	117 900	117 900					34,0
36,0	59,5	125,3	110 100	110 100	63,2	126,6	116 900	116 900	68,5	127,9	118 100	118 100	36,0
38,0	56,8	124,0	104 900	104 900	60,6	125,5	115 700	115 700	66,0	127,0	118 100	118 100	38,0
40,0	53,9	122,5	99 800	99 800	57,9	124,2	113 900	113 900	63,4	126,0	118 100	118 100	40,0
42,0	51,0	120,9	94 800	94 800	55,1	122,8	109 700	109 700	60,8	124,9	116 100	118 100	42,0
44,0	47,9	119,1	90 100	90 100	52,2	121,2	104 600	104 600	58,1	123,6	110 300	117 600	44,0
46,0	44,6	117,1	85 700	85 700	49,1	119,5	99 600	99 600	55,3	122,2	104 200	116 800	46,0
48,0	41,2	114,8	81 700	81 700	45,9	117,6	94 900	94 900	52,4	120,7	98 600	115 400	48,0
50,0	37,4	112,2	78 100	78 100	42,6	115,4	90 400	90 400	49,3	118,9	93 400	111 400	50,0
52,0	33,3	109,2	75 100	75 100	38,9	112,9	86 300	86 300	46,2	117,0	88 600	106 500	52,0
54,0	28,6	105,7	72 600	72 600	35,0	110,1	82 700	82 700	42,8	114,9	84 200	101 800	54,0
56,0	23,1	101,3	70 900	70 900	30,5	106,8	79 600	79 600	39,2	112,5	80 100	97 300	56,0
58,0	15,6	95,0	70 600	70 600	25,4	102,8	77 100	77 100	35,3	109,7	76 300	93 100	58,0
60,0					18,9	97,5	75 900	75 900	30,9	106,4	72 700	89 500	60,0
62,0									25,8	102,4	69 300	86 400	62,0
64,0									19,4	97,3	66 000	84 300	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



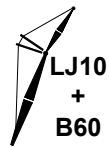
400 000 kg



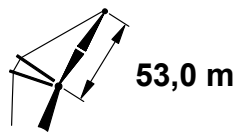
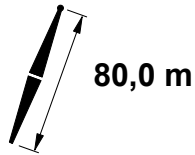
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	64,4	124,8	91 200	114 300									46,0
48,0	61,8	123,7	86 200	114 300									48,0
50,0	59,2	122,5	81 500	114 300									50,0
52,0	56,4	121,2	77 300	114 300									52,0
54,0	53,6	119,7	73 300	114 300									54,0
56,0	50,6	118,1	69 700	114 300									56,0
58,0	47,5	116,2	66 300	114 200	57,3	119,5	56 400	107 400					58,0
60,0	44,2	114,2	63 100	110 100	54,5	118,0	53 500	103 000					60,0
62,0	40,7	111,9	60 100	105 800	51,6	116,4	50 900	98 900					62,0
64,0	36,9	109,2	57 200	101 700	48,5	114,7	48 400	95 000					64,0
66,0	32,7	106,2	54 600	97 900	45,3	112,7	46 100	91 500					66,0
68,0	28,0	102,6	52 000	94 300	41,9	110,5	43 900	88 100	52,2	114,0	35 800	82 000	68,0
72,0	14,3	91,3	47 200	87 000	34,1	105,1	39 800	81 800	46,0	110,4	32 200	76 200	72,0
76,0					24,2	97,4	36 000	76 200	39,0	105,8	29 000	70 900	76,0
80,0									30,6	99,7	26 000	66 200	80,0
84,0									19,0	90,4	23 200	61 900	84,0

MLC650 VPC-MAX S-3

ASME B30.5



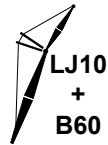
400 000 kg



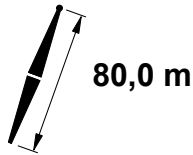
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,4	133,3	111 100	111 100									25,9
26,0	73,3	133,3	111 100	111 100									26,0
28,0	71,0	132,6	110 600	110 600									28,0
30,0	68,7	131,8	109 800	109 800									30,0
32,0	66,3	130,9	108 800	108 800									32,0
34,0	63,9	129,9	107 500	107 500	69,6	131,8	111 400	111 400					34,0
36,0	61,5	128,8	105 600	105 600	67,3	130,9	111 000	111 000					36,0
38,0	58,9	127,6	101 400	101 400	64,9	130,0	110 300	110 300					38,0
40,0	56,3	126,3	96 700	96 700	62,4	128,9	109 400	109 400	67,4	130,3	110 600	110 600	40,0
42,0	53,6	124,8	92 000	92 000	59,9	127,8	108 300	108 300	65,0	129,4	110 600	110 600	42,0
44,0	50,8	123,2	87 600	87 600	57,3	126,5	105 900	105 900	62,6	128,3	110 600	110 600	44,0
46,0	47,9	121,3	83 400	83 400	54,7	125,1	101 500	101 500	60,1	127,2	108 600	110 600	46,0
48,0	44,9	119,3	79 400	79 400	51,9	123,5	96 900	96 900	57,5	125,9	102 900	110 200	48,0
50,0	41,6	117,1	75 800	75 800	49,1	121,7	92 400	92 400	54,9	124,5	97 300	109 500	50,0
52,0	38,2	114,6	72 500	72 500	46,1	119,8	88 100	88 100	52,1	122,9	92 200	107 900	52,0
54,0	34,4	111,7	69 600	69 600	42,9	117,7	84 000	84 000	49,3	121,2	87 500	103 700	54,0
56,0	30,1	108,4	67 200	67 200	39,5	115,3	80 300	80 300	46,3	119,3	83 100	99 300	56,0
58,0	25,3	104,3	65 400	65 400	35,9	112,6	76 900	76 900	43,2	117,2	79 000	95 000	58,0
60,0	19,1	99,0	64 700	64 700	31,9	109,4	74 000	74 000	39,8	114,8	75 200	90 800	60,0
62,0	9,4	90,2	63 900	63 900	27,3	105,7	71 600	71 600	36,2	112,1	71 600	87 000	62,0
64,0					21,7	101,0	70 000	70 000	32,2	109,0	68 300	83 600	64,0
66,0					14,1	94,2	69 600	69 600	27,6	105,3	65 100	80 600	66,0
68,0									22,2	100,7	62 100	78 400	68,0
72,0									14,8	94,1	59 200	77 500	72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

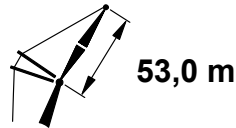
ASME B30.5



400 000 kg



80,0 m

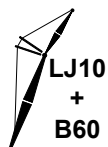


53,0 m

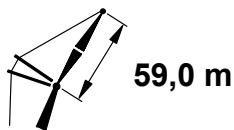
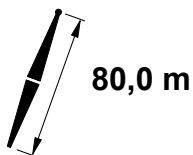
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	63,6	127,2	84 700	106 800									48,0
50,0	61,1	126,1	80 100	106 800									50,0
52,0	58,6	124,8	75 900	106 800									52,0
54,0	56,0	123,5	72 000	106 800									54,0
56,0	53,3	122,0	68 300	106 800									56,0
58,0	50,5	120,3	64 900	106 800	59,4	123,1	54 900	101 400					58,0
60,0	47,5	118,5	61 800	106 800	56,8	121,8	52 100	100 800					60,0
62,0	44,5	116,5	58 800	104 700	54,2	120,3	49 500	97 700					62,0
64,0	41,2	114,2	56 000	100 700	51,4	118,7	47 000	93 900					64,0
66,0	37,7	111,6	53 400	96 900	48,5	116,9	44 700	90 300					66,0
68,0	33,8	108,7	50 900	93 300	45,5	115,0	42 500	87 000					68,0
72,0	24,5	101,1	46 200	86 700	38,8	110,3	38 500	80 800	49,1	114,6	30 800	75 000	72,0
76,0	6,9	85,4	41 700	76 400	31,0	104,3	34 800	75 200	43,0	110,5	27 600	69 800	76,0
80,0					20,5	95,4	31 400	70 200	35,9	105,4	24 700	65 200	80,0
84,0									27,3	98,5	22 000	60 900	84,0
88,0									14,3	87,1	19 300	56 900	88,0

MLC650 VPC-MAX S-3

ASME B30.5



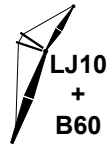
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,6	139,1	97 900	97 900									27,4
28,0	73,0	138,9	97 900	97 900									28,0
30,0	71,0	138,2	97 500	97 500									30,0
32,0	68,9	137,5	97 000	97 000	71,8	138,2	98 100	98 100					32,0
34,0	66,8	136,6	96 200	96 200	69,7	137,5	98 100	98 100					34,0
36,0	64,6	135,6	95 200	95 200	67,6	136,6	97 800	97 800					36,0
38,0	62,4	134,6	93 900	93 900	65,5	135,7	97 300	97 300					38,0
40,0	60,2	133,4	90 600	90 600	63,3	134,7	96 700	96 700	67,8	136,0	96 800	96 800	40,0
42,0	57,9	132,2	86 700	86 700	61,1	133,6	95 900	95 900	65,6	135,1	96 800	96 800	42,0
44,0	55,5	130,8	82 800	82 800	58,8	132,3	94 900	94 900	63,4	134,1	96 800	96 800	44,0
46,0	53,1	129,3	79 000	79 000	56,5	131,0	91 400	91 400	61,2	133,0	96 800	96 800	46,0
48,0	50,6	127,6	75 300	75 300	54,1	129,6	87 500	87 500	59,0	131,8	95 200	96 800	48,0
50,0	48,0	125,8	71 900	71 900	51,6	128,0	83 700	83 700	56,6	130,4	90 600	96 800	50,0
52,0	45,2	123,8	68 600	68 600	49,0	126,2	80 000	80 000	54,2	129,0	85 900	96 200	52,0
54,0	42,4	121,7	65 600	65 600	46,3	124,3	76 500	76 500	51,8	127,4	81 500	94 200	54,0
56,0	39,3	119,2	62 800	62 800	43,5	122,2	73 100	73 100	49,2	125,7	77 500	90 500	56,0
58,0	36,0	116,5	60 300	60 300	40,5	119,9	69 900	69 900	46,5	123,8	73 700	86 800	58,0
60,0	32,5	113,4	58 200	58 200	37,3	117,3	67 100	67 100	43,7	121,7	70 200	83 200	60,0
62,0	28,5	109,8	56 400	56 400	33,9	114,4	64 500	64 500	40,7	119,4	66 900	79 700	62,0
64,0	23,9	105,5	55 100	55 100	30,1	111,0	62 200	62 200	37,6	116,8	63 800	76 500	64,0
66,0	18,1	99,9	54 600	54 600	25,8	107,0	60 400	60 400	34,2	113,9	60 900	73 500	66,0
68,0					20,5	102,0	59 300	59 300	30,4	110,6	58 200	70 800	68,0
72,0									20,9	101,7	53 000	66 800	72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0

MLC650 VPC-MAX S-3

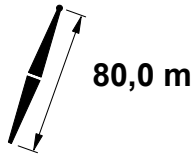
ASME B30.5



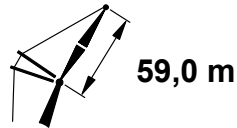
400 000 kg



360°



80,0 m

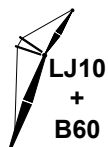


59,0 m

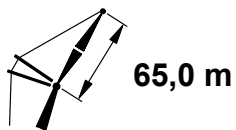
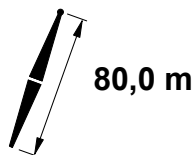
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	62,1	131,8	74 000	93 300									52,0
54,0	59,9	130,7	70 100	93 300									54,0
56,0	57,6	129,4	66 500	93 300									56,0
58,0	55,2	128,0	63 200	93 300									58,0
60,0	52,8	126,5	60 100	93 300									60,0
62,0	50,2	124,8	57 100	93 300	58,3	127,6	47 500	87 600					62,0
64,0	47,6	123,0	54 400	93 300	56,0	126,3	45 100	87 600					64,0
66,0	44,9	121,0	51 800	93 300	53,6	124,8	42 800	87 400					66,0
68,0	42,0	118,8	49 300	91 800	51,1	123,2	40 700	85 500					68,0
72,0	35,6	113,5	44 800	85 400	45,8	119,5	36 700	79 300	54,1	122,4	28 800	73 400	72,0
76,0	27,9	106,7	40 800	79 600	39,9	114,9	33 100	73 900	49,0	119,0	25 700	68 300	76,0
80,0	17,2	96,4	36 900	74 300	33,2	109,3	29 900	68 900	43,5	115,0	22 900	63 700	80,0
84,0					24,8	101,6	26 900	64 500	37,4	110,1	20 300	59 500	84,0
88,0					11,3	88,3	23 900	60 300	30,1	103,8	17 900	55 700	88,0
92,0									20,6	94,9	15 600	52 100	92,0

MLC650 VPC-MAX S-3

ASME B30.5



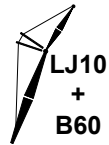
400 000 kg



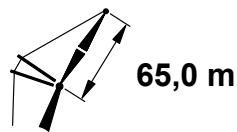
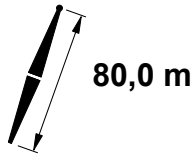
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,8	144,9	85 700	85 700									29,0
30,0	72,8	144,6	85 600	85 600									30,0
32,0	70,9	143,9	85 300	85 300									32,0
34,0	69,0	143,1	84 900	84 900	71,7	143,9	85 700	85 700					34,0
36,0	67,1	142,3	84 300	84 300	69,8	143,1	85 700	85 700					36,0
38,0	65,2	141,3	83 600	83 600	67,9	142,3	85 600	85 600					38,0
40,0	63,2	140,3	82 600	82 600	65,9	141,4	85 200	85 200					40,0
42,0	61,2	139,2	80 900	80 900	64,0	140,4	84 800	84 800	68,0	141,7	84 700	84 700	42,0
44,0	59,1	138,0	77 700	77 700	62,0	139,3	84 200	84 200	66,1	140,8	84 700	84 700	44,0
46,0	57,0	136,7	74 600	74 600	59,9	138,2	83 600	83 600	64,1	139,8	84 700	84 700	46,0
48,0	54,9	135,3	71 400	71 400	57,9	136,9	82 100	82 100	62,1	138,7	84 700	84 700	48,0
50,0	52,7	133,8	68 300	68 300	55,7	135,5	79 000	79 000	60,1	137,6	84 700	84 700	50,0
52,0	50,4	132,1	65 400	65 400	53,5	134,1	75 900	75 900	58,0	136,3	84 300	84 700	52,0
54,0	48,0	130,3	62 500	62 500	51,3	132,4	72 800	72 800	55,9	135,0	80 000	84 700	54,0
56,0	45,5	128,3	59 800	59 800	48,9	130,7	69 800	69 800	53,7	133,5	75 900	84 400	56,0
58,0	42,9	126,2	57 300	57 300	46,5	128,8	66 900	66 900	51,4	131,9	72 200	82 300	58,0
60,0	40,2	123,9	54 900	54 900	44,0	126,7	64 100	64 100	49,1	130,2	68 700	79 300	60,0
62,0	37,3	121,3	52 800	52 800	41,3	124,5	61 400	61 400	46,7	128,3	65 500	76 300	62,0
64,0	34,2	118,4	50 800	50 800	38,5	122,0	59 000	59 000	44,1	126,2	62 400	73 300	64,0
66,0	30,8	115,1	49 200	49 200	35,5	119,2	56 700	56 700	41,5	124,0	59 500	70 400	66,0
68,0	27,1	111,3	47 900	47 900	32,2	116,1	54 700	54 700	38,7	121,5	56 800	67 700	68,0
72,0	17,2	100,8	46 500	46 500	24,5	108,3	51 600	51 600	32,4	115,6	51 800	62 700	72,0
76,0					12,6	95,5	50 500	50 500	24,8	107,9	47 200	58 800	76,0
80,0									13,3	95,5	43 000	57 000	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

ASME B30.5



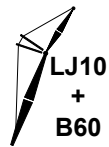
400 000 kg



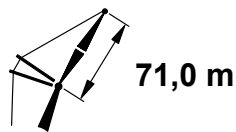
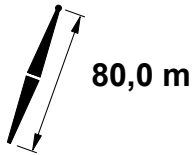
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	62,9	137,6	68 300	81 400									54,0
56,0	60,9	136,5	64 700	81 400									56,0
58,0	58,9	135,3	61 400	81 400									58,0
60,0	56,7	133,9	58 300	81 400									60,0
62,0	54,6	132,5	55 400	81 400									62,0
64,0	52,4	131,0	52 700	81 400	59,5	133,4	43 100	76 300					64,0
66,0	50,1	129,3	50 100	81 400	57,4	132,2	40 900	76 300					66,0
68,0	47,7	127,5	47 700	81 400	55,3	130,8	38 800	76 300					68,0
72,0	42,6	123,3	43 300	81 400	50,8	127,7	34 900	76 300					72,0
76,0	36,9	118,3	39 300	78 300	46,0	124,0	31 400	72 400					76,0
80,0	30,4	112,0	35 600	73 100	40,7	119,5	28 200	67 600	49,0	123,5	21 000	62 200	80,0
84,0	22,0	103,4	32 300	68 400	34,8	114,2	25 300	63 200	44,0	119,6	18 500	58 000	84,0
88,0					27,8	107,3	22 700	59 100	38,5	114,8	16 200	54 300	88,0
92,0					18,3	97,3	20 100	55 400	32,2	108,9	14 000	50 800	92,0
96,0									24,5	101,1	12 000	47 600	96,0
100,0									12,8	88,4	10 000	44 600	100,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



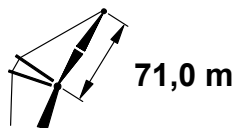
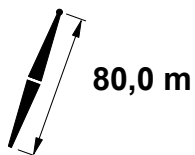
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,9	150,7	75 600	75 600									30,5
32,0	72,6	150,2	75 500	75 500									32,0
34,0	70,9	149,5	75 300	75 300									34,0
36,0	69,2	148,8	74 900	74 900	71,6	149,5	75 300	75 300					36,0
38,0	67,4	147,9	74 400	74 400	69,8	148,8	75 300	75 300					38,0
40,0	65,6	147,0	73 800	73 800	68,1	147,9	75 300	75 300					40,0
42,0	63,8	146,0	73 100	73 100	66,3	147,1	75 100	75 100					42,0
44,0	62,0	145,0	72 300	72 300	64,5	146,1	74 800	74 800	68,2	147,3	74 000	74 000	44,0
46,0	60,1	143,8	69 900	69 900	62,7	145,1	74 400	74 400	66,5	146,4	74 000	74 000	46,0
48,0	58,2	142,6	67 300	67 300	60,9	143,9	73 900	73 900	64,7	145,5	74 000	74 000	48,0
50,0	56,3	141,2	64 600	64 600	59,0	142,7	73 300	73 300	62,9	144,5	74 000	74 000	50,0
52,0	54,3	139,8	62 000	62 000	57,1	141,4	71 500	71 500	61,0	143,3	74 000	74 000	52,0
54,0	52,3	138,2	59 500	59 500	55,1	140,0	68 900	68 900	59,1	142,1	74 000	74 000	54,0
56,0	50,2	136,5	57 000	57 000	53,1	138,5	66 300	66 300	57,2	140,8	74 000	74 000	56,0
58,0	48,0	134,7	54 600	54 600	51,0	136,9	63 800	63 800	55,2	139,5	71 100	74 000	58,0
60,0	45,7	132,8	52 400	52 400	48,8	135,1	61 300	61 300	53,2	138,0	67 700	73 900	60,0
62,0	43,4	130,7	50 300	50 300	46,6	133,2	58 800	58 800	51,1	136,3	64 400	72 400	62,0
64,0	40,9	128,4	48 300	48 300	44,3	131,2	56 500	56 500	49,0	134,6	61 400	69 900	64,0
66,0	38,3	125,9	46 400	46 400	41,9	129,0	54 200	54 200	46,8	132,7	58 500	67 400	66,0
68,0	35,6	123,1	44 800	44 800	39,4	126,6	52 100	52 100	44,5	130,7	55 800	65 000	68,0
72,0	29,4	116,6	42 000	42 000	33,8	121,0	48 400	48 400	39,6	126,1	50 900	60 200	72,0
76,0	21,6	107,7	40 200	40 200	27,2	113,9	45 400	45 400	34,0	120,5	46 400	55 900	76,0
80,0					18,5	103,9	43 700	43 700	27,5	113,5	42 400	52 300	80,0
84,0									18,9	103,6	38 600	49 800	84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0

MLC650 VPC-MAX S-3

ASME B30.5



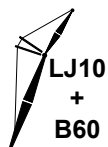
400 000 kg



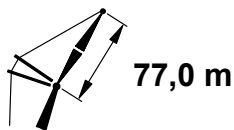
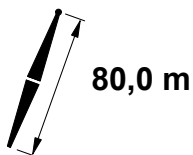
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	63,6	143,3	63 400	70 100									56,0
58,0	61,8	142,2	60 100	70 100									58,0
60,0	59,9	141,0	57 000	70 100									60,0
62,0	58,0	139,8	54 100	70 100									62,0
64,0	56,0	138,4	51 400	70 100									64,0
66,0	54,0	137,0	48 900	70 100									66,0
68,0	52,0	135,4	46 500	70 100	58,6	138,0	37 400	65 600					68,0
72,0	47,7	131,9	42 100	70 100	54,7	135,3	33 600	65 600					72,0
76,0	43,1	127,8	38 200	70 100	50,6	132,1	30 100	65 600					76,0
80,0	38,0	122,9	34 700	70 100	46,2	128,4	27 000	65 600	53,1	131,3	19 600	60 900	80,0
84,0	32,2	117,0	31 400	67 300	41,4	124,1	24 200	62 200	48,9	128,0	17 100	57 000	84,0
88,0	25,3	109,4	28 400	63 200	36,1	118,9	21 600	58 200	44,4	124,0	14 900	53 200	88,0
92,0	15,5	97,9	25 500	58 000	30,0	112,5	19 200	54 600	39,4	119,4	12 800	49 800	92,0
96,0					22,4	104,0	16 900	51 200	33,9	113,8	10 900	46 700	96,0
100,0					10,0	89,2	14 600	48 000	27,3	106,7		43 800	100,0
104,0									18,6	96,7		41 100	104,0

MLC650 VPC-MAX S-3

ASME B30.5



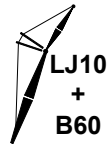
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,0	156,5	66 400	66 400									32,0
34,0	72,4	155,9	66 300	66 300									34,0
36,0	70,9	155,2	66 000	66 000									36,0
38,0	69,3	154,4	65 700	65 700	71,5	155,2	66 100	66 100					38,0
40,0	67,7	153,6	65 300	65 300	69,9	154,4	66 100	66 100					40,0
42,0	66,0	152,7	64 800	64 800	68,3	153,6	66 000	66 000					42,0
44,0	64,4	151,7	64 200	64 200	66,7	152,7	65 800	65 800					44,0
46,0	62,7	150,7	63 600	63 600	65,0	151,8	65 500	65 500	68,4	153,0	64 600	64 600	46,0
48,0	61,0	149,6	62 300	62 300	63,4	150,8	65 200	65 200	66,8	152,1	64 600	64 600	48,0
50,0	59,3	148,4	60 200	60 200	61,7	149,7	64 800	64 800	65,1	151,2	64 600	64 600	50,0
52,0	57,5	147,1	58 000	58 000	59,9	148,5	64 300	64 300	63,5	150,2	64 600	64 600	52,0
54,0	55,7	145,7	55 800	55 800	58,2	147,3	63 600	63 600	61,8	149,1	64 600	64 600	54,0
56,0	53,8	144,3	53 600	53 600	56,4	146,0	62 000	62 000	60,1	148,0	64 600	64 600	56,0
58,0	52,0	142,7	51 500	51 500	54,6	144,5	59 800	59 800	58,3	146,7	64 600	64 600	58,0
60,0	50,0	141,0	49 500	49 500	52,7	143,0	57 700	57 700	56,5	145,4	64 500	64 600	60,0
62,0	48,0	139,2	47 500	47 500	50,8	141,4	55 500	55 500	54,7	144,0	62 700	64 600	62,0
64,0	45,9	137,3	45 600	45 600	48,8	139,6	53 400	53 400	52,8	142,4	59 700	64 500	64,0
66,0	43,8	135,2	43 900	43 900	46,8	137,7	51 400	51 400	50,9	140,8	56 900	63 400	66,0
68,0	41,5	133,0	42 200	42 200	44,6	135,7	49 500	49 500	48,9	139,1	54 200	61 300	68,0
72,0	36,7	127,9	39 100	39 100	40,1	131,2	45 800	45 800	44,8	135,2	49 300	57 200	72,0
76,0	31,3	121,7	36 700	36 700	35,1	125,8	42 600	42 600	40,3	130,7	44 900	53 200	76,0
80,0	24,7	113,8	34 900	34 900	29,4	119,2	39 900	39 900	35,3	125,3	40 900	49 500	80,0
84,0	15,6	102,3	34 300	34 300	22,3	110,6	38 000	38 000	29,6	118,8	37 300	46 300	84,0
88,0					11,4	96,5	37 500	37 500	22,6	110,3	33 900	43 800	88,0
92,0									12,0	96,6	30 700	41 900	92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

ASME B30.5



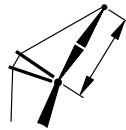
400 000 kg



360°



80,0 m

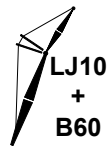


77,0 m

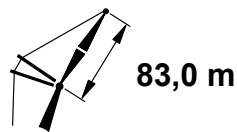
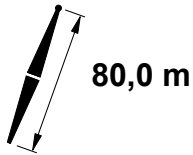
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	64,2	149,0	58 100	61 100								58,0
60,0	62,5	148,0	55 100	61 100								60,0
62,0	60,8	146,8	52 200	61 100								62,0
64,0	59,0	145,6	49 600	61 100								64,0
66,0	57,3	144,3	47 100	61 100								66,0
68,0	55,4	143,0	44 700	61 100								68,0
72,0	51,7	139,9	40 400	61 100	57,8	142,6	31 600	56 700				72,0
76,0	47,7	136,4	36 500	61 100	54,2	139,8	28 200	56 700				76,0
80,0	43,5	132,3	33 000	61 100	50,4	136,6	25 100	56 700				80,0
84,0	38,9	127,6	29 800	61 100	46,3	132,9	22 300	56 700	52,7	135,8	52 600	84,0
88,0	33,7	121,9	26 800	60 100	42,0	128,6	19 800	56 500	48,8	132,4	51 700	88,0
92,0	27,7	114,9	24 100	56 500	37,2	123,6	17 500	53 200	44,7	128,5	48 300	92,0
96,0	20,1	105,5	21 600	53 400	31,8	117,6	15 300	49 900	40,2	124,0	45 300	96,0
100,0					25,4	109,9	13 200	46 800	35,2	118,6	42 400	100,0
104,0					16,7	98,9	11 300	43 900	29,5	112,1	39 800	104,0
108,0									22,4	103,4	37 300	108,0
112,0									11,5	89,5	34 900	112,0

MLC650 VPC-MAX S-3

ASME B30.5



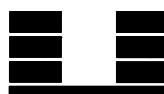
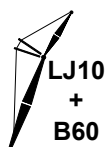
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,1	162,3	58 600	58 600									33,5
34,0	73,8	162,2	58 600	58 600									34,0
36,0	72,3	161,6	58 400	58 400									36,0
38,0	70,8	160,9	58 200	58 200									38,0
40,0	69,4	160,1	57 800	57 800									40,0
42,0	67,9	159,3	57 300	57 300	71,4	160,8	58 300	58 300					42,0
44,0	66,4	158,4	57 000	57 000	69,9	160,1	58 200	58 200					44,0
46,0	64,8	157,4	56 500	56 500	68,5	159,3	58 100	58 100					46,0
48,0	63,3	156,4	56 000	56 000	67,0	158,4	57 800	57 800					48,0
50,0	61,7	155,4	55 400	55 400	65,4	157,5	57 500	57 500	68,6	158,7	57 000	57 000	50,0
52,0	60,1	154,2	53 800	53 800	63,9	156,5	57 200	57 200	67,1	157,8	57 000	57 000	52,0
54,0	58,5	153,0	52 000	52 000	62,3	155,5	56 900	56 900	65,5	156,9	57 000	57 000	54,0
56,0	56,9	151,7	50 200	50 200	60,7	154,3	56 500	56 500	64,0	155,9	57 000	57 000	56,0
58,0	55,2	150,3	48 400	48 400	59,1	153,1	56 200	56 200	62,4	154,9	57 000	57 000	58,0
60,0	53,4	148,8	46 600	46 600	57,5	151,8	55 700	55 700	60,9	153,7	57 000	57 000	60,0
62,0	51,7	147,2	44 800	44 800	55,8	150,5	53 900	53 900	59,3	152,5	57 000	57 000	62,0
64,0	49,9	145,5	43 100	43 100	54,1	149,0	52 100	52 100	57,6	151,3	56 900	56 900	64,0
66,0	48,0	143,7	41 500	41 500	52,4	147,5	50 300	50 300	55,9	149,9	56 700	56 700	66,0
68,0	46,1	141,8	39 900	39 900	50,6	145,8	48 500	48 500	54,2	148,5	55 800	56 500	68,0
72,0	42,1	137,5	37 000	37 000	48,8	144,1	46 800	46 800	52,5	146,9	53 100	56 300	72,0
76,0	37,7	132,6	34 400	34 400	44,9	140,2	43 500	43 500	48,9	143,6	48 300	53 900	76,0
80,0	32,8	126,7	32 200	32 200	40,8	135,8	40 400	40 400	45,1	139,7	43 900	50 400	80,0
84,0	27,1	119,5	30 500	30 500	36,2	130,6	37 600	37 600	40,9	135,3	40 000	47 100	84,0
88,0	19,9	109,8	29 600	29 600	31,1	124,3	35 300	35 300	36,4	130,1	36 400	44 000	88,0
92,0					25,1	116,6	33 500	33 500	31,3	123,9	33 200	41 200	92,0
96,0					17,1	105,7	32 500	32 500	25,3	116,2	30 100	38 900	96,0
100,0									17,4	105,5	27 300	37 400	100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

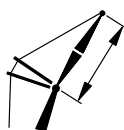
ASME B30.5



400 000 kg



80,0 m

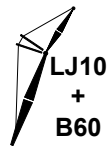


83,0 m

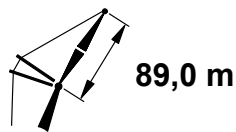
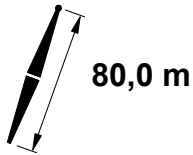
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0	63,1	153,7	50 900	53 900								62,0
64,0	61,5	152,6	48 300	53 900								64,0
66,0	59,9	151,4	45 800	53 900								66,0
68,0	58,3	150,2	43 400	53 900								68,0
72,0	54,9	147,5	39 100	53 900								72,0
76,0	51,4	144,4	35 300	53 900	57,2	147,1	26 900	49 800				76,0
80,0	47,8	140,9	31 800	53 900	53,8	144,3	23 800	49 800				80,0
84,0	43,9	136,8	28 700	53 900	50,2	141,1	21 100	49 800				84,0
88,0	39,6	132,2	25 800	53 900	46,5	137,4	18 600	49 800	52,4	140,3	45 800	88,0
92,0	35,0	126,8	23 200	53 500	42,5	133,2	16 300	49 800	48,8	136,9	45 800	92,0
96,0	29,7	120,2	20 700	50 600	38,1	128,3	14 200	49 000	44,9	133,0	44 200	96,0
100,0	23,3	111,9	18 400	47 900	33,3	122,5	12 200	46 000	40,8	128,6	41 400	100,0
104,0	14,2	99,4	16 200	42 500	27,7	115,5	10 400	43 200	36,3	123,4	38 800	104,0
108,0					20,7	106,1		40 500	31,2	117,2	36 400	108,0
112,0					9,2	90,1		38 000	25,1	109,4	34 100	112,0
116,0									17,1	98,6	32 000	116,0

MLC650 VPC-MAX S-3

ASME B30.5



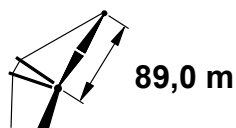
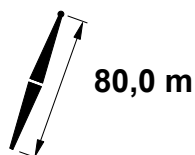
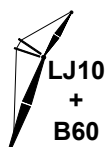
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,2	168,2	51 000	51 000									35,1
36,0	73,5	167,9	50 900	50 900									36,0
38,0	72,2	167,2	50 700	50 700									38,0
40,0	70,8	166,5	50 400	50 400	72,7	167,2	50 500	50 500					40,0
42,0	69,4	165,8	50 100	50 100	71,4	166,5	50 400	50 400					42,0
44,0	68,1	165,0	49 800	49 800	70,0	165,7	50 300	50 300					44,0
46,0	66,6	164,1	49 400	49 400	68,6	164,9	50 200	50 200					46,0
48,0	65,2	163,2	49 000	49 000	67,2	164,1	50 000	50 000					48,0
50,0	63,8	162,2	48 600	48 600	65,8	163,2	49 800	49 800	68,7	164,3	49 100	49 100	50,0
52,0	62,3	161,1	48 200	48 200	64,4	162,2	49 500	49 500	67,3	163,5	49 100	49 100	52,0
54,0	60,9	160,0	47 500	47 500	62,9	161,2	49 200	49 200	65,9	162,6	49 100	49 100	54,0
56,0	59,4	158,8	46 300	46 300	61,4	160,1	48 900	48 900	64,5	161,6	49 100	49 100	56,0
58,0	57,8	157,5	44 800	44 800	60,0	158,9	48 600	48 600	63,0	160,6	49 100	49 100	58,0
60,0	56,3	156,2	43 300	43 300	58,4	157,7	48 300	48 300	61,5	159,5	49 100	49 100	60,0
62,0	54,7	154,8	41 800	41 800	56,9	156,4	47 900	47 900	60,1	158,4	49 100	49 100	62,0
64,0	53,1	153,3	40 300	40 300	55,3	155,0	46 700	46 700	58,5	157,1	48 900	48 900	64,0
66,0	51,5	151,7	38 900	38 900	53,7	153,5	45 200	45 200	57,0	155,8	48 800	48 800	66,0
68,0	49,8	150,0	37 500	37 500	52,1	152,0	43 700	43 700	55,4	154,4	48 600	48 600	68,0
72,0	46,3	146,3	34 800	34 800	48,7	148,6	40 900	40 900	52,2	151,4	46 500	48 200	72,0
76,0	42,5	142,1	32 300	32 300	45,1	144,7	38 100	38 100	48,8	148,0	42 200	47 100	76,0
80,0	38,5	137,2	30 100	30 100	41,3	140,3	35 500	35 500	45,3	144,2	38 300	44 300	80,0
84,0	34,0	131,6	28 200	28 200	37,2	135,3	33 100	33 100	41,5	139,8	34 700	41 600	84,0
88,0	29,0	124,8	26 600	26 600	32,6	129,3	31 100	31 100	37,3	134,8	31 500	39 000	88,0
92,0	22,9	116,3	25 600	25 600	27,3	122,1	29 400	29 400	32,7	128,9	28 500	36 600	92,0
96,0	14,5	103,8	25 300	25 300	20,7	112,8	28 200	28 200	27,5	121,8	25 800	34 500	96,0
100,0					10,6	97,6	27 000	27 800	21,0	112,5	23 200	32 900	100,0
104,0									11,1	97,7	20 700	31 200	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0

MLC650 VPC-MAX S-3

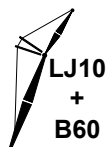
ASME B30.5



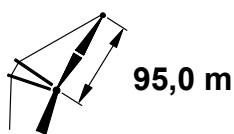
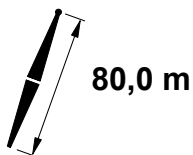
75°					70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	63,6	159,4	45 900	45 900								64,0
66,0	62,1	158,4	43 800	45 900								66,0
68,0	60,7	157,2	41 500	45 900								68,0
72,0	57,6	154,8	37 200	45 900								72,0
76,0	54,5	152,0	33 400	45 900								76,0
80,0	51,2	148,9	29 900	45 900	56,6	151,7	21 800	42 300				80,0
84,0	47,8	145,3	26 800	45 900	53,4	148,8	19 100	42 300				84,0
88,0	44,2	141,4	24 000	45 900	50,1	145,5	16 600	42 300				88,0
92,0	40,3	136,8	21 400	45 900	46,6	141,9	14 400	42 300	52,1	144,8	39 100	92,0
96,0	36,0	131,6	19 000	45 900	42,9	137,7	12 300	42 300	48,7	141,4	39 100	96,0
100,0	31,3	125,3	16 700	45 200	38,9	132,9	10 400	42 300	45,2	137,5	39 100	100,0
104,0	25,7	117,7	14 600	42 800	34,5	127,4		41 700	41,3	133,2	37 300	104,0
108,0	18,6	107,4	12 600	39 700	29,5	120,8		39 100	37,2	128,1	34 900	108,0
112,0					23,5	112,4		36 700	32,6	122,2	32 700	112,0
116,0					15,5	100,6		34 500	27,3	115,0	30 600	116,0
120,0									20,8	105,6	28 600	120,0
124,0									10,7	90,6	26 700	124,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,3	174,0	44 700	44 700									36,6
38,0	73,3	173,5	44 500	44 500									38,0
40,0	72,1	172,9	44 400	44 400									40,0
42,0	70,8	172,2	44 100	44 100									42,0
44,0	69,5	171,4	43 800	43 800									44,0
46,0	68,2	170,6	43 400	43 400	71,3	172,1	44 100	44 100					46,0
48,0	66,9	169,8	43 100	43 100	70,0	171,4	43 900	43 900					48,0
50,0	65,6	168,8	42 800	42 800	68,7	170,6	43 800	43 800					50,0
52,0	64,2	167,9	42 500	42 500	67,4	169,8	43 600	43 600	68,8	170,0	42 800	42 800	52,0
54,0	62,9	166,8	42 100	42 100	66,1	168,9	43 400	43 400	67,5	169,2	42 800	42 800	54,0
56,0	61,5	165,8	41 700	41 700	64,8	167,9	43 200	43 200	66,2	168,3	42 800	42 800	56,0
58,0	60,1	164,6	41 200	41 200	63,4	166,9	42 900	42 900	64,9	167,3	42 800	42 800	58,0
60,0	58,7	163,4	40 000	40 000	62,0	165,9	42 600	42 600	63,5	166,3	42 700	42 700	60,0
62,0	57,3	162,1	38 700	38 700	60,7	164,7	42 400	42 400	62,1	165,3	42 700	42 700	62,0
64,0	55,8	160,7	37 500	37 500	59,3	163,5	42 100	42 100	60,8	164,1	42 600	42 600	64,0
66,0	54,3	159,3	36 200	36 200	57,8	162,3	41 800	41 800	59,4	163,0	42 400	42 400	66,0
68,0	52,8	157,8	35 000	35 000	56,4	160,9	41 400	41 400	57,9	161,7	42 300	42 300	68,0
72,0	49,7	154,5	32 600	32 600	54,9	159,5	40 600	40 600	55,0	159,0	42 000	42 000	72,0
76,0	46,4	150,8	30 300	30 300	51,9	156,5	38 100	38 100	52,0	155,9	41 000	41 600	76,0
80,0	42,9	146,6	28 200	28 200	48,7	153,0	35 700	35 700	48,8	152,5	37 200	41 100	80,0
84,0	39,2	141,9	26 300	26 300	45,3	149,2	33 400	33 400	45,5	148,7	33 700	39 000	84,0
88,0	35,1	136,4	24 600	24 600	41,8	144,9	31 100	31 100	41,9	144,4	30 500	36 700	88,0
92,0	30,5	130,0	23 300	23 300	38,0	140,0	29 100	29 100	38,1	139,5	27 600	34 400	92,0
96,0	25,2	122,2	22 200	22 200	33,8	134,3	27 300	27 300	33,9	133,8	24 900	32 400	96,0
100,0	18,5	111,8	21 700	21 700	29,0	127,5	25 800	25 800	29,2	127,1	22 400	30 600	100,0
104,0					23,4	119,1	24 700	24 700	23,6	118,7	20 000	29 100	104,0
108,0					15,9	107,3	23 800	24 200	16,2	107,2	17 800	28 200	108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

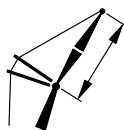
ASME B30.5



400 000 kg



80,0 m

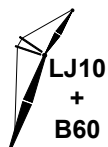


95,0 m

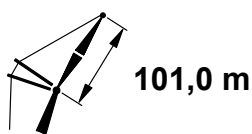
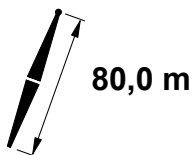
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0	64,1	165,1	39 700	39 700								66,0
68,0	62,7	164,1	39 600	39 700								68,0
72,0	59,9	161,8	36 000	39 700								72,0
76,0	57,1	159,3	32 200	39 700								76,0
80,0	54,1	156,5	28 800	39 700	59,0	158,8	20 500	36 300				80,0
84,0	51,0	153,3	25 700	39 700	56,1	156,2	17 800	36 300				84,0
88,0	47,8	149,8	22 900	39 700	53,1	153,3	15 400	36 300				88,0
92,0	44,4	145,9	20 300	39 700	50,0	150,0	13 100	36 300				92,0
96,0	40,8	141,4	17 900	39 700	46,7	146,3	11 100	36 300	51,9	149,3	33 200	96,0
100,0	36,9	136,3	15 700	39 700	43,2	142,2		36 300	48,7	145,9	33 200	100,0
104,0	32,6	130,3	13 700	39 700	39,5	137,6		36 300	45,4	142,0	33 200	104,0
108,0	27,7	123,2	11 800	38 200	35,5	132,2		36 300	41,8	137,7	33 200	108,0
112,0	21,7	114,2	10 000	36 300	31,0	125,9		35 900	38,0	132,8	31 700	112,0
116,0	13,3	100,8		30 300	25,8	118,2		33 700	33,8	127,1	29 700	116,0
120,0					19,3	108,2		31 600	29,1	120,3	27 800	120,0
124,0									23,4	111,9	25 900	124,0
128,0									16,0	100,2	24 200	128,0

MLC650 VPC-MAX S-3

ASME B30.5



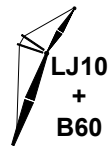
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
38,1	74,3	179,8	37 600	37 600									38,1
40,0	73,2	179,2	37 500	37 500									40,0
42,0	72,0	178,5	37 300	37 300									42,0
44,0	70,8	177,8	37 200	37 200									44,0
46,0	69,6	177,1	36 900	36 900	71,3	177,8	37 100	37 100					46,0
48,0	68,4	176,3	36 700	36 700	70,0	177,1	36 900	36 900					48,0
50,0	67,1	175,4	36 400	36 400	68,8	176,3	36 800	36 800					50,0
52,0	65,9	174,5	36 100	36 100	67,6	175,5	36 600	36 600					52,0
54,0	64,6	173,6	35 900	35 900	66,4	174,6	36 500	36 500	68,9	175,7	35 800	35 800	54,0
56,0	63,3	172,6	35 600	35 600	65,1	173,6	36 300	36 300	67,7	174,8	35 800	35 800	56,0
58,0	62,1	171,5	35 300	35 300	63,8	172,7	36 000	36 000	66,5	174,0	35 800	35 800	58,0
60,0	60,8	170,4	34 900	34 900	62,6	171,6	35 800	35 800	65,2	173,0	35 800	35 800	60,0
62,0	59,4	169,2	34 600	34 600	61,3	170,5	35 600	35 600	63,9	172,1	35 700	35 700	62,0
64,0	58,1	168,0	34 200	34 200	60,0	169,3	35 400	35 400	62,7	171,0	35 600	35 600	64,0
66,0	56,7	166,6	33 200	33 200	58,6	168,1	35 100	35 100	61,4	169,9	35 500	35 500	66,0
68,0	55,4	165,3	32 200	32 200	57,3	166,8	34 900	34 900	60,1	168,8	35 400	35 400	68,0
72,0	52,5	162,3	30 200	30 200	54,5	164,0	34 400	34 400	57,4	166,3	35 100	35 100	72,0
76,0	49,6	158,9	28 200	28 200	51,6	161,0	33 000	33 000	54,6	163,5	34 900	34 900	76,0
80,0	46,5	155,2	26 300	26 300	48,7	157,5	31 000	31 000	51,8	160,4	34 500	34 500	80,0
84,0	43,2	151,1	24 500	24 500	45,5	153,7	29 100	29 100	48,8	157,0	32 000	34 200	84,0
88,0	39,8	146,5	22 900	22 900	42,2	149,4	27 200	27 200	45,6	153,2	28 800	33 900	88,0
92,0	36,0	141,2	21 500	21 500	38,6	144,6	25 500	25 500	42,3	148,9	25 900	32 200	92,0
96,0	31,8	135,1	20 200	20 200	34,8	139,1	24 000	24 000	38,8	144,1	23 300	30 300	96,0
100,0	27,1	127,8	19 200	19 200	30,5	132,7	22 600	22 600	34,9	138,6	20 800	28 600	100,0
104,0	21,4	118,6	18 500	18 500	25,5	124,9	21 500	21 500	30,6	132,2	18 500	26 900	104,0
108,0	13,5	105,3	18 000	18 000	19,4	114,8	20 100	20 300	25,7	124,5	16 300	24 100	108,0
112,0					9,9	98,6	17 800	18 000	19,6	114,6	14 300	21 300	112,0
116,0									10,4	98,8	12 300	18 700	116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0

MLC650 VPC-MAX S-3

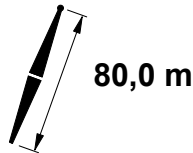
ASME B30.5



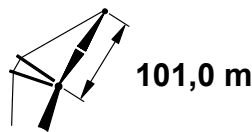
400 000 kg



360°



80,0 m

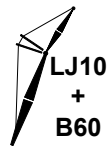


101,0 m

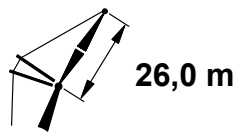
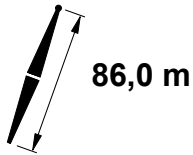
	75°				70°			65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0											66,0
68,0											68,0
72,0	61,9	168,8	33 000	33 100							72,0
76,0	59,3	166,4	30 300	33 100							76,0
80,0	56,6	163,9	26 900	33 100							80,0
84,0	53,8	161,0	23 800	33 100	58,4	163,4	30 000				84,0
88,0	50,9	157,8	21 000	33 100	55,6	160,7	30 000				88,0
92,0	47,9	154,3	18 500	33 100	52,8	157,8	30 000				92,0
96,0	44,7	150,4	16 100	33 100	49,9	154,5	30 000	54,5	156,8	27 200	96,0
100,0	41,3	146,0	14 000	33 100	46,8	150,8	30 000	51,7	153,8	27 200	100,0
104,0	37,7	141,0	12 000	32 900	43,6	146,7	30 000	48,7	150,3	27 200	104,0
108,0	33,7	135,2	10 100	30 200	40,1	142,2	30 000	45,5	146,5	27 200	108,0
112,0	29,3	128,5		27 300	36,4	136,9	30 000	42,2	142,3	27 200	112,0
116,0	24,1	120,3		24 400	32,3	130,9	29 900	38,7	137,4	27 200	116,0
120,0	17,4	109,3		21 600	27,6	123,7	27 100	34,8	131,9	26 300	120,0
124,0					22,0	114,8	24 200	30,5	125,5	24 600	124,0
128,0					14,5	102,1	21 500	25,6	117,7	22 900	128,0
132,0								19,4	107,7	21 300	132,0
136,0								10,0	91,6	19 700	136,0

MLC650 VPC-MAX S-3

ASME B30.5



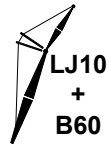
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	74,4	113,6	182 200 d	182 200 d									18,3
20,0	70,4	112,9	176 500 d	176 500 d									20,0
22,0	65,5	112,0	174 100 c	174 100 c									22,0
24,0	60,5	110,8	170 800 b	170 800 b	68,0	112,1	177 600 c	177 600 c					24,0
26,0	55,1	109,4	166 800 b	166 800 b	63,0	111,1	175 200 c	175 200 c					26,0
28,0	49,3	107,7	161 400 b	161 400 b	57,8	109,8	172 100 b	172 100 b					28,0
30,0	42,8	105,6	152 100	152 100	52,2	108,3	168 600 b	168 600 b	64,2	110,6	178 000 c	178 000 c	30,0
32,0	35,3	102,8	144 800	144 800	46,1	106,3	165 500	165 500	59,0	109,4	168 000 b	176 000 b	32,0
34,0	25,8	99,0	141 000	141 000	39,2	103,9	156 500	156 500	53,5	107,9	156 400 b	173 400 b	34,0
36,0					30,9	100,7	150 000	150 000	47,5	106,1	146 000	170 800	36,0
38,0					19,1	95,8	145 300	147 000	40,9	103,8	136 700	168 700	38,0
40,0									33,0	100,8	128 200	162 800	40,0
42,0									22,4	96,5	120 400	157 700	42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC650 VPC-MAX S-3

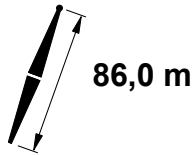
ASME B30.5



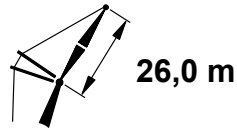
400 000 kg



360°



86,0 m

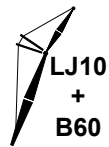


26,0 m

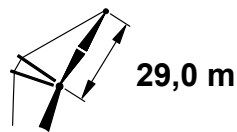
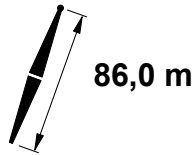
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	57,2	107,2	113 600 b	176 700 b									40,0
42,0	51,5	105,6	106 900 b	172 600 b									42,0
44,0	45,4	103,7	100 800	163 700									44,0
46,0	38,4	101,2	95 100	155 400									46,0
48,0	29,8	97,9	89 900	147 800	54,8	104,2	78 200 b	138 900 b					48,0
50,0	17,3	92,5	84 800	140 700	49,0	102,5	74 000 b	132 300 b					50,0
52,0					42,5	100,3	70 100	126 300					52,0
54,0					35,0	97,6	66 500	120 600					54,0
56,0					25,3	93,7	62 900	115 400	51,7	100,4	53 500	108 200	56,0
58,0									45,6	98,4	50 800	103 700	58,0
60,0									38,6	96,0	48 100	99 400	60,0
62,0									30,1	92,7	45 600	95 400	62,0
64,0									17,8	87,5	43 100	91 500	64,0

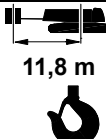
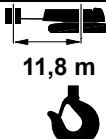
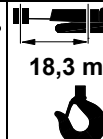
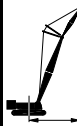
MLC650 VPC-MAX S-3

ASME B30.5



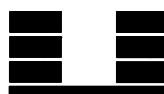
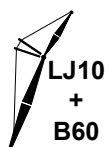
400 000 kg



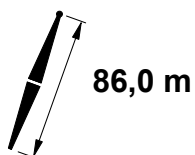
 85°					 83°					 80°						
 m	 °	 m	 kg	 kg		 °	 m	 kg	 kg		 °	 m	 kg	 kg	 m	
19,8	72,9	116,2	168 000 d	168 000 d												19,8
20,0	72,5	116,1	167 500 d	167 500 d												20,0
22,0	68,3	115,3	163 100 c	163 100 c												22,0
24,0	63,8	114,3	160 500 b	160 500 b	70,4	115,4	165 700 c	165 700 c								24,0
26,0	59,2	113,1	157 400 b	157 400 b	66,0	114,5	164 400 c	164 400 c								26,0
28,0	54,3	111,7	153 700 b	153 700 b	61,5	113,4	161 900 b	161 900 b								28,0
30,0	49,1	109,9	148 100	148 100	56,8	112,1	158 900 b	158 900 b	67,0	114,0	166 200 b	166 200 b				30,0
32,0	43,4	107,8	140 100	140 100	51,8	110,5	155 900	155 900	62,6	112,9	165 100 b	165 100 b				32,0
34,0	36,9	105,2	133 900	133 900	46,3	108,6	152 200	152 200	57,9	111,7	155 100 b	163 100 b				34,0
36,0	29,1	101,8	129 800	129 800	40,2	106,2	145 000	145 000	52,9	110,1	144 800	160 800				36,0
38,0	17,9	96,5	128 800	128 800	33,2	103,3	138 900	138 900	47,6	108,3	135 500	158 500				38,0
40,0					24,1	99,2	134 600	135 500	41,7	106,1	127 200	156 300				40,0
42,0									34,9	103,3	119 700	151 900				42,0
44,0									26,5	99,5	112 700	146 500				44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0
58,0																58,0
60,0																60,0
62,0																62,0
64,0																64,0
66,0																66,0

MLC650 VPC-MAX S-3

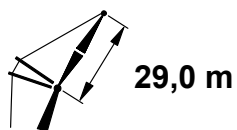
ASME B30.5



400 000 kg



86,0 m

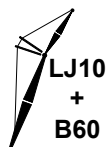


29,0 m

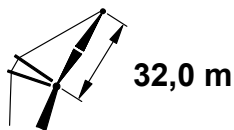
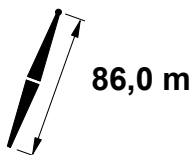
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,0	110,8	112 100 b	164 600 b									40,0
42,0	56,2	109,5	105 500 b	164 200 b									42,0
44,0	51,2	107,8	99 400	162 000									44,0
46,0	45,7	105,9	93 900	154 300									46,0
48,0	39,5	103,5	88 700	146 700									48,0
50,0	32,3	100,5	84 000	139 800	54,1	106,5	72 500	131 100					50,0
52,0	22,9	96,1	79 400	133 300	48,9	104,7	68 700	125 100					52,0
54,0					43,1	102,6	65 100	119 500					54,0
56,0					36,6	100,0	61 800	114 400					56,0
58,0					28,7	96,5	58 600	109 500	51,3	102,6	49 200	102 400	58,0
60,0									45,8	100,7	46 700	98 200	60,0
62,0									39,7	98,3	44 300	94 300	62,0
64,0									32,5	95,3	42 000	90 600	64,0
66,0									23,2	91,0	39 700	87 100	66,0

MLC650 VPC-MAX S-3

ASME B30.5



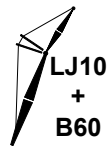
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,6	119,4	154 700 d	154 700 d									19,8
20,0	74,2	119,3	154 600 d	154 600 d									20,0
22,0	70,4	118,6	153 700 c	153 700 c									22,0
24,0	66,5	117,7	151 600 b	151 600 b									24,0
26,0	62,5	116,6	148 800 b	148 800 b	68,5	117,8	154 800 c	154 800 c					26,0
28,0	58,2	115,4	145 700 b	145 700 b	64,5	116,8	153 000 b	153 000 b					28,0
30,0	53,8	113,9	143 000	143 000	60,4	115,7	150 600 b	150 600 b					30,0
32,0	49,1	112,2	137 100	137 100	56,0	114,3	147 800	147 800	65,4	116,4	155 500 b	155 500 b	32,0
34,0	43,9	110,1	130 000	130 000	51,4	112,7	145 100	145 100	61,3	115,2	152 700 b	154 100 b	34,0
36,0	38,2	107,6	124 200	124 200	46,5	110,8	141 200	141 200	57,0	113,9	144 100	152 200	36,0
38,0	31,5	104,5	119 400	119 400	41,1	108,6	134 700	134 700	52,5	112,4	134 900	150 100	38,0
40,0	23,0	100,1	116 700	116 700	35,0	105,8	128 700	128 700	47,7	110,6	126 700	148 000	40,0
42,0					27,5	102,1	124 200	124 200	42,4	108,4	119 200	145 600	42,0
44,0					17,0	96,6	120 000	122 300	36,4	105,7	112 400	140 300	44,0
46,0									29,4	102,3	106 100	134 900	46,0
48,0									19,9	97,5	100 200	131 500	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

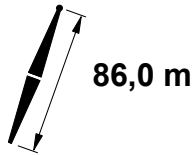
ASME B30.5



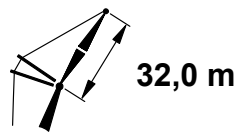
400 000 kg



360°



86,0 m

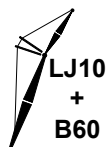


32,0 m

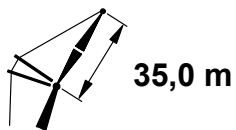
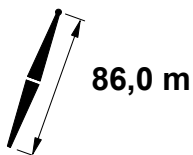
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	64,0	114,3	111 200 b	153 200 b									40,0
42,0	59,9	113,1	104 700	153 200									42,0
44,0	55,5	111,7	98 600	153 200									44,0
46,0	50,9	110,1	93 200	152 200									46,0
48,0	45,9	108,2	88 100	146 100									48,0
50,0	40,5	105,9	83 400	139 200									50,0
52,0	34,2	103,0	79 100	132 800	53,6	108,7	67 900	124 300					52,0
54,0	26,6	99,2	75 000	126 900	48,8	107,0	64 400	118 800					54,0
56,0	15,3	93,2	71 000	121 400	43,7	104,9	61 100	113 700					56,0
58,0					37,9	102,4	58 000	109 000					58,0
60,0					31,2	99,2	55 100	104 500	51,1	104,9	45 900	97 500	60,0
62,0					22,5	94,8	52 300	100 300	46,1	102,9	43 500	93 600	62,0
64,0									40,6	100,6	41 300	90 000	64,0
66,0									34,4	97,8	39 200	86 500	66,0
68,0									26,8	94,1	37 100	83 300	68,0

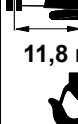
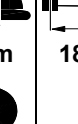
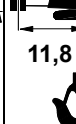
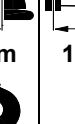
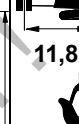
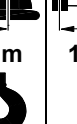
MLC650 VPC-MAX S-3

ASME B30.5



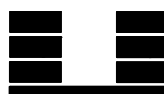
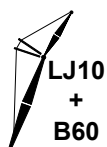
400 000 kg



	 85°					 83°					 80°					
																
m	°	m	kg	kg		°	m	kg	kg		°	m	kg	kg	m	
21,3	73,3	122,0	144 800 c	144 800 c											21,3	
22,0	72,2	121,8	144 400 c	144 400 c											22,0	
24,0	68,7	121,0	143 000 b	143 000 b											24,0	
26,0	65,0	120,0	140 800 b	140 800 b	70,4	121,1	145 400 b	145 400 b							26,0	
28,0	61,3	118,9	138 100 b	138 100 b	66,8	120,2	144 300 b	144 300 b							28,0	
30,0	57,4	117,6	135 200	135 200	63,2	119,1	142 400 b	142 400 b							30,0	
32,0	53,3	116,1	132 500	132 500	59,3	117,9	140 200	140 200	67,7	119,7	145 700 b	145 700 b			32,0	
34,0	49,0	114,4	125 600	125 600	55,4	116,6	137 600	137 600	64,0	118,7	145 100 b	145 100 b			34,0	
36,0	44,3	112,4	119 200	119 200	51,1	114,9	135 200	135 200	60,2	117,5	141 700	143 800			36,0	
38,0	39,1	109,9	113 500	113 500	46,6	113,1	129 700	129 700	56,3	116,2	133 600	142 100			38,0	
40,0	33,3	107,0	108 800	108 800	41,8	110,8	123 400	123 400	52,1	114,6	125 400	140 200			40,0	
42,0	26,2	103,1	105 600	105 600	36,3	108,2	117 900	117 900	47,7	112,8	118 100	138 300			42,0	
44,0	16,1	97,3	104 800	104 800	29,9	104,8	113 300	113 300	42,9	110,7	111 300	135 200			44,0	
46,0					21,7	100,2	110 400	110 700	37,6	108,1	105 100	129 400			46,0	
48,0									31,5	104,9	99 400	124 200			48,0	
50,0									23,8	100,7	94 100	120 200			50,0	
52,0															52,0	
54,0															54,0	
56,0															56,0	
58,0															58,0	
60,0															60,0	
62,0															62,0	
64,0															64,0	
66,0															66,0	
68,0															68,0	
72,0															72,0	

MLC650 VPC-MAX S-3

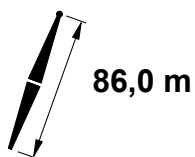
ASME B30.5



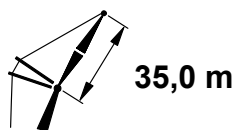
400 000 kg



360°



86,0 m

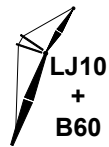


35,0 m

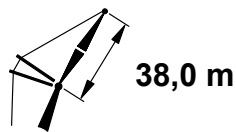
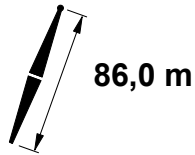
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,7	116,6	103 100	143 600									42,0
44,0	58,9	115,4	97 200	143 600									44,0
46,0	54,9	114,0	91 700	143 600									46,0
48,0	50,7	112,3	86 700	142 800									48,0
50,0	46,1	110,4	82 100	138 000									50,0
52,0	41,2	108,1	77 900	131 700	57,2	112,5	66 300	123 000					52,0
54,0	35,6	105,4	73 900	125 900	53,1	110,9	62 900	117 600					54,0
56,0	29,1	102,0	70 100	120 500	48,8	109,2	59 700	112 500					56,0
58,0	20,6	97,2	66 500	115 400	44,1	107,1	56 600	107 800					58,0
60,0					38,9	104,7	53 800	103 400					60,0
62,0					33,0	101,7	51 100	99 300	50,8	107,1	42 000	92 400	62,0
64,0					25,8	97,8	48 500	95 400	46,3	105,2	39 800	88 800	64,0
66,0									41,3	102,9	37 800	85 400	66,0
68,0									35,8	100,2	35 800	82 200	68,0
72,0									20,9	92,0	32 000	76 200	72,0

MLC650 VPC-MAX S-3

ASME B30.5



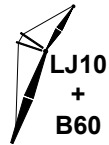
400 000 kg



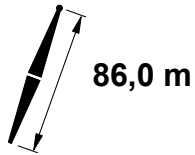
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,7	125,2	138 900 c	138 900 c									21,3
22,0	73,7	125,0	137 700 c	137 700 c									22,0
24,0	70,4	124,3	135 400 b	135 400 b									24,0
26,0	67,2	123,4	133 800 b	133 800 b	72,0	124,3	137 100 b	137 100 b					26,0
28,0	63,8	122,4	131 500 b	131 500 b	68,8	123,5	136 500 b	136 500 b					28,0
30,0	60,3	121,2	129 000	129 000	65,5	122,6	135 200 b	135 200 b					30,0
32,0	56,7	119,9	126 400	126 400	62,1	121,5	133 400	133 400	69,5	122,9	137 100 b	137 100 b	32,0
34,0	52,9	118,4	121 800	121 800	58,5	120,2	131 200	131 200	66,2	122,1	137 000 b	137 000 b	34,0
36,0	48,9	116,7	115 500	115 500	54,8	118,8	128 900	128 900	62,8	121,0	136 300	136 300	36,0
38,0	44,6	114,6	109 700	109 700	50,9	117,2	125 900	125 900	59,3	119,8	133 400	135 000	38,0
40,0	40,0	112,3	104 600	104 600	46,8	115,3	119 900	119 900	55,7	118,4	125 600	133 500	40,0
42,0	34,8	109,5	100 200	100 200	42,3	113,1	114 100	114 100	51,8	116,9	118 200	131 800	42,0
44,0	28,7	105,9	96 800	96 800	37,4	110,6	109 000	109 000	47,8	115,1	111 500	130 100	44,0
46,0	20,9	101,2	95 100	95 100	31,8	107,4	104 700	104 700	43,4	112,9	105 400	125 900	46,0
48,0					25,1	103,4	101 600	101 600	38,6	110,5	99 800	120 400	48,0
50,0					15,4	97,3	100 800	100 800	33,2	107,5	94 500	115 300	50,0
52,0									26,7	103,7	89 700	111 300	52,0
54,0									18,1	98,3	85 100	109 200	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

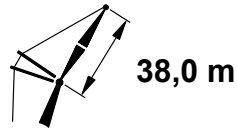
ASME B30.5



400 000 kg



86,0 m

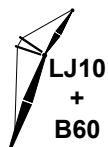


38,0 m

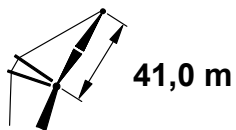
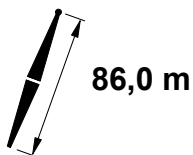
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,7	118,9	97 200	134 700									44,0
46,0	58,1	117,7	91 800	134 700									46,0
48,0	54,4	116,2	86 800	134 700									48,0
50,0	50,5	114,6	82 200	134 700									50,0
52,0	46,3	112,7	78 000	131 700									52,0
54,0	41,8	110,4	74 100	125 900	56,5	114,7	62 900	117 500					54,0
56,0	36,8	107,8	70 400	120 500	52,7	113,2	59 700	112 500					56,0
58,0	31,1	104,6	67 000	115 500	48,7	111,4	56 700	107 800					58,0
60,0	24,2	100,4	63 700	110 800	44,4	109,4	54 000	103 400					60,0
62,0	13,8	93,9	60 400	106 400	39,8	107,0	51 300	99 300	50,6	109,3	39 900	88 700	62,0
64,0					34,5	104,2	48 800	95 500	46,4	107,4	37 800	85 400	64,0
66,0					28,4	100,6	46 400	91 900	42,0	105,2	35 900	82 200	66,0
68,0					20,5	95,8	44 100	88 400					68,0
72,0									31,3	99,4	32 400	76 400	72,0
76,0									14,3	88,9	28 900	71 000	76,0

MLC650 VPC-MAX S-3

ASME B30.5



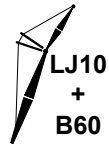
400 000 kg



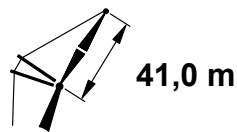
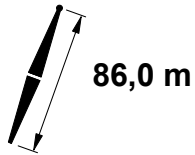
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,6	127,8	127 200 b	127 200 b									22,9
24,0	71,9	127,4	126 800 b	126 800 b									24,0
26,0	68,9	126,7	125 700 b	125 700 b									26,0
28,0	65,9	125,7	124 000 b	124 000 b	70,4	126,7	127 700 b	127 700 b					28,0
30,0	62,7	124,7	122 100	122 100	67,4	125,9	126 900	126 900					30,0
32,0	59,5	123,5	119 700	119 700	64,3	124,9	125 600	125 600					32,0
34,0	56,1	122,2	116 900	116 900	61,1	123,8	124 000	124 000	68,1	125,4	127 800	127 800	34,0
36,0	52,6	120,6	111 800	111 800	57,8	122,5	122 000	122 000	65,0	124,4	127 600	127 600	36,0
38,0	48,9	118,9	106 100	106 100	54,3	121,1	120 000	120 000	61,8	123,3	126 900	126 900	38,0
40,0	44,9	116,9	100 900	100 900	50,7	119,4	116 100	116 100	58,5	122,1	124 200	125 700	40,0
42,0	40,6	114,6	96 200	96 200	46,9	117,5	110 600	110 600	55,1	120,7	116 900	124 400	42,0
44,0	35,9	111,8	92 100	92 100	42,8	115,4	105 400	105 400	51,6	119,1	110 200	122 900	44,0
46,0	30,5	108,6	88 800	88 800	38,3	112,9	100 700	100 700	47,8	117,3	104 200	121 100	46,0
48,0	24,0	104,3	86 800	86 800	33,3	109,9	96 600	96 600	43,7	115,2	98 600	116 800	48,0
50,0	14,7	98,0	86 300	86 300	27,4	106,2	93 400	93 400	39,4	112,8	93 500	111 700	50,0
52,0					19,9	101,2	91 700	91 700	34,5	109,9	88 700	107 000	52,0
54,0									28,9	106,4	84 200	103 200	54,0
56,0									21,9	101,8	80 000	100 400	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



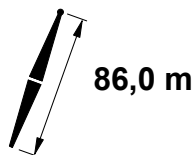
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	60,7	121,2	90 300	125 500									46,0
48,0	57,4	119,9	85 400	125 500									48,0
50,0	53,9	118,5	80 800	125 500									50,0
52,0	50,3	116,8	76 600	125 500									52,0
54,0	46,4	114,9	72 800	124 200									54,0
56,0	42,3	112,7	69 100	119 400	55,9	117,0	58 200	111 200					56,0
58,0	37,8	110,2	65 800	114 500	52,4	115,4	55 300	106 600					58,0
60,0	32,7	107,1	62 600	109 800	48,7	113,7	52 500	102 200					60,0
62,0	26,7	103,3	59 500	105 500	44,7	111,7	49 900	98 200					62,0
64,0	18,9	98,1	56 600	101 400	40,4	109,3	47 500	94 400	54,0	113,2	38 300	87 500	64,0
66,0					35,7	106,6	45 200	90 800	50,4	111,5	36 300	84 200	66,0
68,0					30,3	103,3	42 900	87 400	46,6	109,7	34 400	81 000	68,0
72,0									37,9	104,9	31 000	75 300	72,0
76,0									26,9	98,2	27 800	70 100	76,0

MLC650 VPC-MAX S-3

ASME B30.5



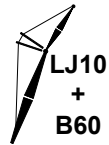
400 000 kg



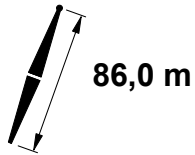
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,8	131,0	119 600 b	119 600 b									22,9
24,0	73,2	130,6	119 400 b	119 400 b									24,0
26,0	70,5	129,9	118 700 b	118 700 b									26,0
28,0	67,6	129,1	117 400	117 400	71,8	129,9	120 100 b	120 100 b					28,0
30,0	64,8	128,1	115 800	115 800	69,0	129,2	119 700	119 700					30,0
32,0	61,8	127,0	114 000	114 000	66,2	128,3	118 800	118 800					32,0
34,0	58,7	125,8	111 800	111 800	63,3	127,2	117 500	117 500					34,0
36,0	55,6	124,4	108 100	108 100	60,3	126,1	115 900	115 900	66,8	127,8	120 000	120 000	36,0
38,0	52,3	122,9	102 800	102 800	57,2	124,8	114 200	114 200	63,9	126,8	119 700	119 700	38,0
40,0	48,8	121,1	97 700	97 700	53,9	123,3	111 900	111 900	61,0	125,6	119 000	119 000	40,0
42,0	45,2	119,1	93 000	93 000	50,6	121,7	107 300	107 300	57,9	124,4	115 800	117 900	42,0
44,0	41,2	116,9	88 700	88 700	47,0	119,8	102 200	102 200	54,7	123,0	109 400	116 700	44,0
46,0	36,9	114,3	85 000	85 000	43,2	117,7	97 500	97 500	51,3	121,3	103 300	115 400	46,0
48,0	32,1	111,1	81 800	81 800	39,1	115,3	93 200	93 200	47,8	119,5	97 800	113 100	48,0
50,0	26,5	107,3	79 500	79 500	34,6	112,4	89 400	89 400	44,1	117,5	92 700	108 600	50,0
52,0	19,3	102,1	78 500	78 500	29,4	109,0	86 300	86 300	40,1	115,1	88 000	103 900	52,0
54,0					23,1	104,6	84 200	84 200	35,7	112,4	83 600	99 600	54,0
56,0					14,2	98,0	83 600	83 600	30,7	109,1	79 500	95 900	56,0
58,0									24,7	105,0	75 600	92 900	58,0
60,0									16,7	99,2	71 900	91 500	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



86,0 m

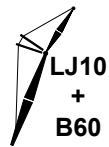


44,0 m

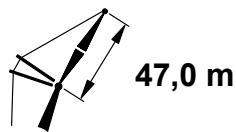
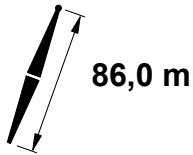
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,9	124,7	89 300	117 700									46,0
48,0	59,9	123,5	84 400	117 700									48,0
50,0	56,8	122,2	79 900	117 700									50,0
52,0	53,6	120,7	75 700	117 700									52,0
54,0	50,2	119,0	71 900	117 700									54,0
56,0	46,6	117,2	68 300	117 700									56,0
58,0	42,8	115,0	64 900	113 700	55,4	119,2	54 300	105 700					58,0
60,0	38,6	112,5	61 800	109 100	52,1	117,7	51 600	101 400					60,0
62,0	34,0	109,6	58 800	104 800	48,7	115,9	49 000	97 400					62,0
64,0	28,8	106,1	56 000	100 800	45,0	113,9	46 600	93 600					64,0
66,0	22,3	101,6	53 300	96 900	41,0	111,7	44 300	90 100	53,7	115,5	35 300	83 300	66,0
68,0	12,7	94,5	50 600	93 300	36,7	109,0	42 200	86 700	50,3	113,8	33 500	80 200	68,0
72,0					26,2	102,0	38 100	80 600	42,9	109,8	30 100	74 500	72,0
76,0									34,2	104,4	26 900	69 400	76,0
80,0									22,5	96,4	24 000	64 700	80,0

MLC650 VPC-MAX S-3

ASME B30.5



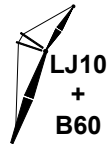
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,8	133,6	112 300 b	112 300 b									24,4
26,0	71,8	133,1	111 900	111 900									26,0
28,0	69,1	132,3	110 900	110 900									28,0
30,0	66,5	131,4	109 700	109 700	70,4	132,4	112 700	112 700					30,0
32,0	63,8	130,4	108 100	108 100	67,8	131,5	112 100	112 100					32,0
34,0	61,0	129,3	106 400	106 400	65,1	130,6	111 200	111 200					34,0
36,0	58,1	128,1	103 800	103 800	62,4	129,5	110 000	110 000	68,4	131,0	112 400	112 400	36,0
38,0	55,1	126,7	99 400	99 400	59,5	128,4	108 600	108 600	65,7	130,1	112 400	112 400	38,0
40,0	52,0	125,1	94 600	94 600	56,6	127,0	106 900	106 900	63,0	129,1	112 200	112 200	40,0
42,0	48,8	123,3	90 000	90 000	53,6	125,5	103 900	103 900	60,2	127,9	111 500	111 500	42,0
44,0	45,3	121,4	85 800	85 800	50,4	123,9	99 100	99 100	57,3	126,6	107 900	110 600	44,0
46,0	41,7	119,1	81 900	81 900	47,1	122,0	94 600	94 600	54,3	125,2	102 100	109 500	46,0
48,0	37,7	116,6	78 400	78 400	43,5	119,9	90 300	90 300	51,1	123,6	96 600	108 300	48,0
50,0	33,4	113,6	75 500	75 500	39,7	117,5	86 300	86 300	47,8	121,8	91 500	105 400	50,0
52,0	28,4	110,0	73 200	73 200	35,6	114,8	82 800	82 800	44,4	119,7	86 800	101 000	52,0
54,0	22,3	105,5	71 900	71 900	30,9	111,5	79 800	79 800	40,6	117,4	82 500	96 700	54,0
56,0	13,6	98,7	71 600	71 600	25,5	107,6	77 600	77 600	36,6	114,7	78 400	92 800	56,0
58,0					18,5	102,2	76 400	76 400	32,1	111,6	74 600	89 200	58,0
60,0									26,8	107,8	71 000	86 300	60,0
62,0									20,3	102,9	67 600	84 400	62,0
64,0									9,8	94,5	64 200	84 000	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

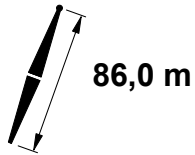
ASME B30.5



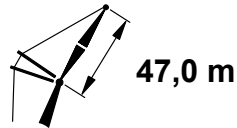
400 000 kg



360°



86,0 m

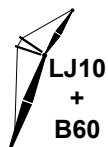


47,0 m

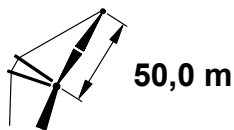
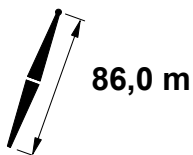
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,0	127,0	82 900	110 300									48,0
50,0	59,2	125,8	78 500	110 300									50,0
52,0	56,3	124,4	74 300	110 300									52,0
54,0	53,2	122,9	70 500	110 300									54,0
56,0	50,0	121,3	67 000	110 300									56,0
58,0	46,7	119,4	63 600	110 200	58,0	122,9	52 800	104 500					58,0
60,0	43,1	117,3	60 500	108 100	55,0	121,5	50 100	100 200					60,0
62,0	39,3	114,8	57 600	103 800	51,9	119,9	47 500	96 200					62,0
64,0	35,1	112,0	54 800	99 700	48,6	118,1	45 200	92 500					64,0
66,0	30,4	108,7	52 200	96 000	45,2	116,2	42 900	89 000					66,0
68,0	24,8	104,6	49 700	92 400	41,5	113,9	40 800	85 600	53,3	117,7	31 900	79 000	68,0
72,0					33,2	108,4	36 900	79 500	46,8	114,1	28 600	73 300	72,0
76,0					22,0	100,1	33 200	74 000	39,4	109,6	25 500	68 300	76,0
80,0									30,5	103,5	22 700	63 700	80,0
84,0									17,8	93,9	20 000	59 400	84,0

MLC650 VPC-MAX S-3

ASME B30.5



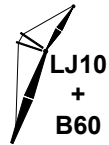
400 000 kg



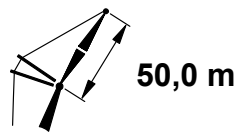
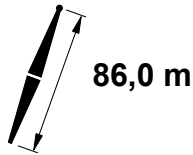
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,8	136,8	105 800 b	105 800 b									24,4
26,0	72,9	136,3	105 600	105 600									26,0
28,0	70,5	135,5	105 000	105 000									28,0
30,0	68,0	134,7	104 000	104 000	71,7	135,6	106 200	106 200					30,0
32,0	65,5	133,8	102 700	102 700	69,2	134,8	105 900	105 900					32,0
34,0	62,9	132,8	101 200	101 200	66,7	133,9	105 200	105 200					34,0
36,0	60,2	131,6	99 500	99 500	64,2	132,9	104 300	104 300					36,0
38,0	57,5	130,3	96 300	96 300	61,5	131,8	103 200	103 200	67,3	133,4	105 700	105 700	38,0
40,0	54,7	128,9	91 800	91 800	58,9	130,6	101 800	101 800	64,7	132,5	105 700	105 700	40,0
42,0	51,8	127,3	87 500	87 500	56,1	129,3	100 000	100 000	62,1	131,4	105 400	105 400	42,0
44,0	48,7	125,6	83 400	83 400	53,2	127,8	96 400	96 400	59,5	130,2	104 700	104 700	44,0
46,0	45,5	123,6	79 500	79 500	50,2	126,1	92 000	92 000	56,7	128,9	101 700	103 900	46,0
48,0	42,1	121,4	75 900	75 900	47,1	124,2	87 900	87 900	53,9	127,4	96 300	102 900	48,0
50,0	38,4	118,9	72 700	72 700	43,8	122,2	83 900	83 900	50,9	125,8	91 200	101 900	50,0
52,0	34,4	116,0	69 900	69 900	40,3	119,8	80 300	80 300	47,8	124,0	86 500	98 400	52,0
54,0	29,9	112,7	67 600	67 600	36,5	117,2	77 000	77 000	44,6	121,9	82 200	94 300	54,0
56,0	24,7	108,5	66 100	66 100	32,2	114,1	74 100	74 100	41,1	119,7	78 200	90 300	56,0
58,0	17,9	102,9	65 400	65 400	27,4	110,3	71 800	71 800	37,4	117,1	74 400	86 600	58,0
60,0					21,5	105,6	70 400	70 400	33,2	114,1	70 900	83 300	60,0
62,0					13,0	98,5	70 000	70 000	28,6	110,5	67 600	80 400	62,0
64,0									23,0	106,1	64 400	78 200	64,0
66,0									15,4	99,8	61 400	77 200	66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

ASME B30.5



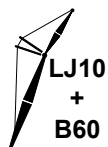
400 000 kg



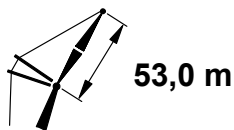
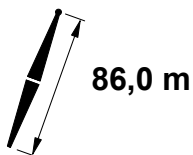
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	63,9	130,4	82 500	102 600									48,0
50,0	61,2	129,3	78 000	102 600									50,0
52,0	58,6	128,1	73 900	102 600									52,0
54,0	55,8	126,7	70 100	102 600									54,0
56,0	52,9	125,2	66 600	102 600									56,0
58,0	49,9	123,5	63 300	102 600									58,0
60,0	46,8	121,6	60 200	102 600	57,4	125,1	49 600	98 800					60,0
62,0	43,4	119,5	57 300	102 500	54,6	123,7	47 100	95 800					62,0
64,0	39,9	117,1	54 600	99 400	51,6	122,1	44 700	92 100					64,0
66,0	36,0	114,4	52 000	95 700	48,6	120,4	42 500	88 600					66,0
68,0	31,7	111,2	49 600	92 200	45,4	118,4	40 400	85 300					68,0
72,0	20,7	102,5	45 000	85 600	38,3	113,7	36 500	79 200	50,0	118,2	28 100	72 900	72,0
76,0					29,7	107,4	33 000	73 800	43,5	114,3	25 100	67 900	76,0
80,0					17,5	97,5	29 600	68 800	36,1	109,2	22 400	63 300	80,0
84,0									27,0	102,3	19 900	59 200	84,0
88,0									12,0	89,9	17 300	55 300	88,0

MLC650 VPC-MAX S-3

ASME B30.5



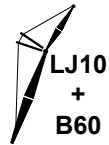
400 000 kg



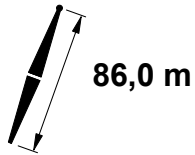
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,0	139,4	99 400	99 400									25,9
26,0	73,9	139,4	99 400	99 400									26,0
28,0	71,6	138,8	99 000	99 000									28,0
30,0	69,3	138,0	98 300	98 300									30,0
32,0	67,0	137,1	97 300	97 300									32,0
34,0	64,6	136,2	96 100	96 100	70,5	138,0	99 700	99 700					34,0
36,0	62,1	135,1	94 700	94 700	68,1	137,2	99 300	99 300					36,0
38,0	59,6	133,9	92 800	92 800	65,7	136,3	98 600	98 600					38,0
40,0	57,0	132,6	88 800	88 800	63,3	135,3	97 700	97 700					40,0
42,0	54,3	131,2	84 800	84 800	60,8	134,2	96 700	96 700	66,3	135,8	99 300	99 300	42,0
44,0	51,6	129,6	80 800	80 800	58,3	132,9	95 400	95 400	63,9	134,8	99 200	99 200	44,0
46,0	48,7	127,8	77 100	77 100	55,7	131,6	93 200	93 200	61,4	133,7	98 900	98 900	46,0
48,0	45,7	125,9	73 600	73 600	53,0	130,0	89 300	89 300	58,9	132,5	98 100	98 300	48,0
50,0	42,5	123,7	70 400	70 400	50,1	128,4	85 400	85 400	56,3	131,2	95 000	97 500	50,0
52,0	39,1	121,3	67 400	67 400	47,2	126,5	81 600	81 600	53,6	129,7	90 000	96 700	52,0
54,0	35,4	118,5	64 800	64 800	44,1	124,5	78 000	78 000	50,8	128,0	85 300	95 500	54,0
56,0	31,3	115,3	62 600	62 600	40,8	122,2	74 700	74 700	47,9	126,2	81 000	91 700	56,0
58,0	26,6	111,4	60 900	60 900	37,3	119,6	71 600	71 600	44,8	124,2	77 000	88 000	58,0
60,0	20,9	106,6	60 100	60 100	33,4	116,6	68 900	68 900	41,6	122,0	73 300	84 300	60,0
62,0	12,8	99,3	60 000	60 000	29,0	113,1	66 700	66 700	38,1	119,5	69 800	81 000	62,0
64,0					23,9	108,8	65 100	65 100	34,3	116,6	66 500	77 900	64,0
66,0					17,3	103,0	64 300	64 300	30,1	113,2	63 400	75 100	66,0
68,0									25,2	109,1	60 500	72 900	68,0
72,0									19,0	103,8	57 700	71 500	72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

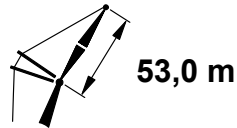
ASME B30.5



400 000 kg



86,0 m

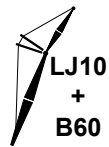


53,0 m

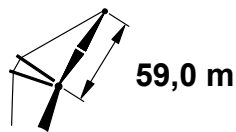
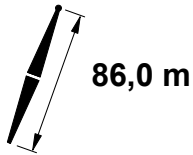
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	63,0	132,7	76 600	96 100									50,0
52,0	60,6	131,6	72 500	96 100									52,0
54,0	58,0	130,3	68 700	96 100									54,0
56,0	55,4	129,0	65 200	96 100									56,0
58,0	52,7	127,4	61 900	96 100									58,0
60,0	49,8	125,7	58 900	96 100									60,0
62,0	46,9	123,9	56 000	96 100	56,9	127,4	45 600	92 600					62,0
64,0	43,7	121,8	53 300	96 100	54,2	126,0	43 300	90 900					64,0
66,0	40,4	119,5	50 800	94 700	51,5	124,4	41 100	87 400					66,0
68,0	36,8	116,8	48 400	91 200	48,6	122,6	39 000	84 200					68,0
72,0	28,5	110,2	43 900	84 700	42,4	118,5	35 200	78 100	52,7	122,2	26 600	71 800	72,0
76,0	16,4	99,8	39 700	78 900	35,2	113,2	31 700	72 800	47,0	118,6	23 700	66 700	76,0
80,0					26,4	106,1	28 500	67 900	40,5	114,2	21 000	62 200	80,0
84,0									33,0	108,6	18 500	58 100	84,0
88,0									23,4	100,7	16 200	54 400	88,0

MLC650 VPC-MAX S-3

ASME B30.5



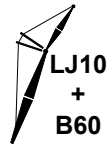
400 000 kg



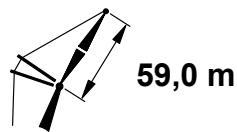
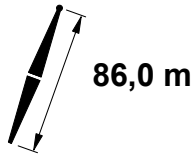
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,1	145,3	87 300	87 300									27,4
28,0	73,6	145,1	87 300	87 300									28,0
30,0	71,5	144,4	87 000	87 000									30,0
32,0	69,4	143,7	86 500	86 500	72,5	144,4	87 500	87 500					32,0
34,0	67,3	142,8	85 700	85 700	70,5	143,7	87 500	87 500					34,0
36,0	65,2	141,9	84 900	84 900	68,4	142,9	87 300	87 300					36,0
38,0	63,0	140,9	83 900	83 900	66,2	142,0	86 800	86 800					38,0
40,0	60,8	139,7	82 400	82 400	64,1	141,0	86 200	86 200	68,9	142,4	86 800	86 800	40,0
42,0	58,5	138,5	79 700	79 700	61,9	139,9	85 500	85 500	66,7	141,5	86 800	86 800	42,0
44,0	56,1	137,1	76 400	76 400	59,6	138,8	84 600	84 600	64,6	140,5	86 800	86 800	44,0
46,0	53,7	135,7	73 000	73 000	57,3	137,5	83 500	83 500	62,4	139,5	86 800	86 800	46,0
48,0	51,2	134,1	69 800	69 800	54,9	136,1	80 700	80 700	60,1	138,3	86 600	86 600	48,0
50,0	48,7	132,3	66 800	66 800	52,5	134,5	77 400	77 400	57,8	137,1	86 100	86 100	50,0
52,0	46,0	130,4	63 800	63 800	49,9	132,8	74 200	74 200	55,5	135,7	83 700	85 600	52,0
54,0	43,1	128,2	61 100	61 100	47,3	131,0	71 100	71 100	53,1	134,2	79 400	85 000	54,0
56,0	40,1	125,9	58 600	58 600	44,5	129,0	68 100	68 100	50,5	132,5	75 500	83 400	56,0
58,0	36,9	123,2	56 400	56 400	41,6	126,7	65 300	65 300	47,9	130,7	71 800	80 400	58,0
60,0	33,4	120,3	54 400	54 400	38,5	124,2	62 700	62 700	45,2	128,7	68 400	77 300	60,0
62,0	29,6	116,8	52 800	52 800	35,2	121,4	60 300	60 300	42,3	126,5	65 100	74 300	62,0
64,0	25,1	112,7	51 500	51 500	31,5	118,2	58 200	58 200	39,3	124,1	62 100	71 400	64,0
66,0	19,8	107,6	51 000	51 000	27,4	114,5	56 600	56 600	36,0	121,4	59 200	68 700	66,0
68,0	12,0	99,9	51 000	51 000	22,6	110,0	55 300	55 300	32,4	118,3	56 500	66 200	68,0
72,0									23,8	110,4	51 500	62 300	72,0
76,0									8,6	95,3	46 700	61 100	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



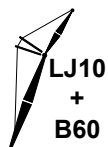
400 000 kg



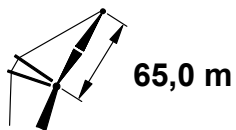
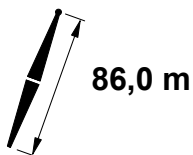
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,8	138,5	70 500	83 900									52,0
54,0	61,6	137,4	66 800	83 900									54,0
56,0	59,4	136,2	63 300	83 900									56,0
58,0	57,1	134,9	60 100	83 900									58,0
60,0	54,7	133,5	57 100	83 900									60,0
62,0	52,2	131,9	54 200	83 900									62,0
64,0	49,7	130,2	51 600	83 900	58,4	133,3	41 300	80 300					64,0
66,0	47,0	128,4	49 100	83 900	56,0	132,0	39 100	80 300					66,0
68,0	44,2	126,3	46 700	83 900	53,6	130,5	37 100	80 300					68,0
72,0	38,2	121,5	42 400	83 400	48,5	127,1	33 400	76 700					72,0
76,0	31,1	115,4	38 500	77 700	43,0	123,0	30 000	71 300	52,3	126,7	21 700	65 200	76,0
80,0	22,0	106,9	34 800	72 500	36,8	118,0	26 900	66 600	47,1	123,1	19 100	60 700	80,0
84,0					29,4	111,5	24 100	62 200	41,4	118,8	16 700	56 700	84,0
88,0					19,5	102,2	21 400	58 200	34,9	113,5	14 500	53 000	88,0
92,0									27,1	106,4	12 500	49 600	92,0
96,0									15,7	95,5	10 400	46 400	96,0

MLC650 VPC-MAX S-3

ASME B30.5



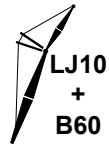
400 000 kg



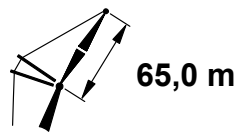
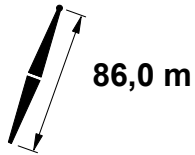
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,2	151,1	77 400	77 400									29,0
30,0	73,3	150,8	77 300	77 300									30,0
32,0	71,4	150,1	77 000	77 000									32,0
34,0	69,5	149,3	76 600	76 600	72,3	150,1	77 400	77 400					34,0
36,0	67,6	148,5	76 000	76 000	70,5	149,4	77 400	77 400					36,0
38,0	65,7	147,6	75 300	75 300	68,6	148,6	77 300	77 300					38,0
40,0	63,7	146,6	74 400	74 400	66,7	147,7	76 900	76 900					40,0
42,0	61,7	145,5	73 500	73 500	64,7	146,7	76 500	76 500	69,0	148,0	76 500	76 500	42,0
44,0	59,7	144,3	71 300	71 300	62,7	145,7	75 900	75 900	67,1	147,2	76 500	76 500	44,0
46,0	57,6	143,0	68 500	68 500	60,7	144,6	75 300	75 300	65,1	146,2	76 500	76 500	46,0
48,0	55,4	141,7	65 700	65 700	58,6	143,3	74 500	74 500	63,2	145,2	76 500	76 500	48,0
50,0	53,2	140,2	62 900	62 900	56,5	142,0	72 600	72 600	61,2	144,1	76 500	76 500	50,0
52,0	51,0	138,5	60 300	60 300	54,3	140,6	69 900	69 900	59,1	142,9	76 400	76 400	52,0
54,0	48,6	136,8	57 800	57 800	52,1	139,0	67 100	67 100	57,0	141,6	76 000	76 000	54,0
56,0	46,2	134,9	55 300	55 300	49,8	137,3	64 400	64 400	54,8	140,2	73 800	75 600	56,0
58,0	43,6	132,8	53 100	53 100	47,4	135,5	61 800	61 800	52,6	138,7	70 200	75 000	58,0
60,0	40,9	130,5	51 000	51 000	44,9	133,5	59 400	59 400	50,3	137,0	66 800	73 100	60,0
62,0	38,1	127,9	49 000	49 000	42,3	131,3	57 000	57 000	47,9	135,2	63 600	70 400	62,0
64,0	35,1	125,1	47 300	47 300	39,5	128,9	54 800	54 800	45,5	133,2	60 600	67 800	64,0
66,0	31,8	122,0	45 800	45 800	36,6	126,2	52 800	52 800	42,9	131,1	57 800	65 300	66,0
68,0	28,1	118,3	44 500	44 500	33,4	123,2	50 900	50 900	40,2	128,7	55 100	62 800	68,0
72,0	18,8	108,5	43 200	43 200	26,0	115,9	48 000	48 000	34,2	123,2	50 200	58 400	72,0
76,0					15,5	104,6	46 900	46 900	27,0	116,1	45 800	54 700	76,0
80,0									17,1	105,6	41 700	52 600	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

ASME B30.5



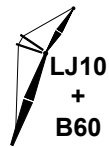
400 000 kg



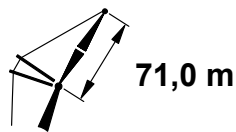
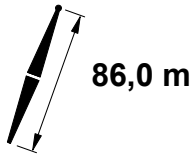
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	62,5	143,1	61 400	74 000									56,0
58,0	60,5	142,0	58 200	74 000									58,0
60,0	58,4	140,8	55 200	74 000									60,0
62,0	56,3	139,4	52 400	74 000									62,0
64,0	54,1	138,0	49 800	74 000									64,0
66,0	51,8	136,4	47 400	74 000									66,0
68,0	49,5	134,7	45 000	74 000	57,5	137,9	35 200	70 300					68,0
72,0	44,6	130,8	40 800	74 000	53,1	135,0	31 500	70 300					72,0
76,0	39,2	126,2	36 900	73 900	48,5	131,6	28 200	69 700					76,0
80,0	33,1	120,4	33 400	69 400	43,5	127,5	25 200	65 100	51,9	131,1	17 100	59 200	80,0
84,0	25,6	113,0	30 200	65 300	38,0	122,7	22 400	60 900	47,2	127,6	14 800	55 200	84,0
88,0	14,7	101,3	27 100	62 300	31,6	116,7	19 900	56 900	42,1	123,4	12 700	51 600	88,0
92,0					23,7	108,6	17 600	53 300	36,3	118,3	10 800	48 200	92,0
96,0					11,0	94,8	15 200	50 000	29,7	111,8		45 200	96,0
100,0									21,0	102,9		42 300	100,0

MLC650 VPC-MAX S-3

ASME B30.5



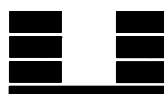
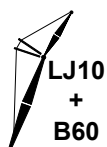
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,3	156,9	68 600	68 600									30,5
32,0	73,0	156,4	68 500	68 500									32,0
34,0	71,3	155,7	68 300	68 300									34,0
36,0	69,6	155,0	68 000	68 000	72,2	155,7	68 500	68 500					36,0
38,0	67,9	154,1	67 500	67 500	70,5	155,0	68 500	68 500					38,0
40,0	66,1	153,2	67 000	67 000	68,7	154,2	68 400	68 400					40,0
42,0	64,3	152,3	66 400	66 400	67,0	153,3	68 200	68 200					42,0
44,0	62,5	151,2	65 700	65 700	65,2	152,4	67 800	67 800					44,0
46,0	60,6	150,1	64 100	64 100	63,4	151,4	67 400	67 400	67,4	152,8	67 600	67 600	46,0
48,0	58,7	148,9	61 700	61 700	61,6	150,3	66 900	66 900	65,6	151,9	67 600	67 600	48,0
50,0	56,8	147,6	59 300	59 300	59,7	149,1	66 400	66 400	63,8	150,9	67 600	67 600	50,0
52,0	54,8	146,1	57 000	57 000	57,8	147,9	65 600	65 600	62,0	149,8	67 600	67 600	52,0
54,0	52,8	144,6	54 800	54 800	55,8	146,5	63 300	63 300	60,1	148,7	67 500	67 500	54,0
56,0	50,7	143,0	52 500	52 500	53,8	145,0	61 000	61 000	58,2	147,4	67 400	67 400	56,0
58,0	48,6	141,2	50 400	50 400	51,8	143,5	58 700	58 700	56,3	146,1	67 200	67 300	58,0
60,0	46,3	139,3	48 400	48 400	49,6	141,8	56 500	56 500	54,3	144,7	65 700	66 700	60,0
62,0	44,0	137,2	46 500	46 500	47,4	139,9	54 300	54 300	52,2	143,1	62 500	66 200	62,0
64,0	41,6	135,0	44 700	44 700	45,2	137,9	52 200	52 200	50,1	141,4	59 600	64 400	64,0
66,0	39,0	132,5	43 000	43 000	42,8	135,8	50 200	50 200	47,9	139,6	56 800	62 200	66,0
68,0	36,3	129,8	41 500	41 500	40,3	133,4	48 300	48 300	45,7	137,7	54 100	60 000	68,0
72,0	30,3	123,5	39 000	39 000	34,9	128,0	45 000	45 000	40,9	133,3	49 300	55 800	72,0
76,0	22,7	115,1	37 300	37 300	28,5	121,3	42 300	42 300	35,5	128,0	44 900	51 900	76,0
80,0	10,8	100,8	37 100	37 100	20,4	112,0	40 600	40 600	29,3	121,4	41 000	48 600	80,0
84,0									21,5	112,6	37 300	46 200	84,0
88,0									7,6	95,8	33 700	45 200	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



86,0 m

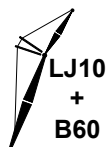


71,0 m

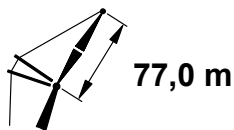
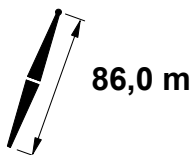
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
30,5												30,5
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	63,2	148,9	56 900	64 200								58,0
60,0	61,3	147,8	53 900	64 200								60,0
62,0	59,5	146,6	51 200	64 200								62,0
64,0	57,6	145,3	48 500	64 200								64,0
66,0	55,6	143,9	46 100	64 200								66,0
68,0	53,6	142,4	43 800	64 200								68,0
72,0	49,4	139,1	39 600	64 200	56,7	142,4	30 100	60 900				72,0
76,0	44,9	135,3	35 800	64 200	52,7	139,4	26 900	60 900				76,0
80,0	40,0	130,7	32 400	64 200	48,5	136,0	23 900	60 900				80,0
84,0	34,6	125,3	29 200	62 400	43,9	132,0	21 200	59 800	51,6	135,6	54 100	84,0
88,0	28,2	118,4	26 400	58 700	38,9	127,3	18 800	56 000	47,3	132,0	50 500	88,0
92,0	19,9	108,9	23 700	55 700	33,3	121,6	16 500	52 500	42,6	127,9	47 200	92,0
96,0					26,6	114,3	14 400	49 200	37,5	122,9	44 200	96,0
100,0					17,6	103,9	12 400	46 100	31,6	116,9	41 400	100,0
104,0									24,5	109,0	38 800	104,0
108,0									14,1	96,8	36 400	108,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,4	162,7	60 600	60 600									32,0
34,0	72,9	162,1	60 500	60 500									34,0
36,0	71,3	161,4	60 300	60 300									36,0
38,0	69,7	160,6	60 000	60 000									38,0
40,0	68,1	159,8	59 600	59 600	70,5	160,7	60 400	60 400					40,0
42,0	66,5	158,9	59 100	59 100	68,9	159,9	60 300	60 300					42,0
44,0	64,8	158,0	58 500	58 500	67,3	159,0	60 100	60 100					44,0
46,0	63,1	157,0	58 000	58 000	65,6	158,1	59 900	59 900	69,2	159,3	59 300	59 300	46,0
48,0	61,4	155,9	57 000	57 000	64,0	157,1	59 500	59 500	67,6	158,5	59 300	59 300	48,0
50,0	59,7	154,7	55 100	55 100	62,3	156,1	59 100	59 100	66,0	157,6	59 300	59 300	50,0
52,0	58,0	153,4	53 200	53 200	60,6	154,9	58 700	58 700	64,3	156,6	59 300	59 300	52,0
54,0	56,2	152,1	51 200	51 200	58,8	153,7	58 200	58 200	62,7	155,6	59 300	59 300	54,0
56,0	54,3	150,6	49 300	49 300	57,1	152,4	56 900	56 900	61,0	154,5	59 300	59 300	56,0
58,0	52,5	149,1	47 400	47 400	55,2	151,0	54 900	54 900	59,2	153,3	59 300	59 300	58,0
60,0	50,5	147,5	45 600	45 600	53,4	149,5	53 000	53 000	57,5	152,0	59 200	59 200	60,0
62,0	48,5	145,7	43 800	43 800	51,5	147,9	51 100	51 100	55,7	150,6	58 900	58 900	62,0
64,0	46,5	143,8	42 100	42 100	49,5	146,2	49 200	49 200	53,8	149,2	57 800	58 800	64,0
66,0	44,4	141,7	40 400	40 400	47,5	144,4	47 400	47 400	51,9	147,6	55 100	58 100	66,0
68,0	42,1	139,5	38 900	38 900	45,4	142,4	45 700	45 700	50,0	145,9	52 500	56 500	68,0
72,0	37,4	134,6	36 200	36 200	41,0	138,0	42 400	42 400	45,9	142,2	47 700	52 800	72,0
76,0	32,0	128,6	33 900	33 900	36,1	132,8	39 400	39 400	41,5	137,8	43 400	49 200	76,0
80,0	25,6	121,0	32 300	32 300	30,5	126,5	37 000	37 000	36,7	132,7	39 500	45 900	80,0
84,0	17,1	110,2	31 600	31 600	23,8	118,3	35 300	35 300	31,2	126,6	35 900	43 000	84,0
88,0					14,1	106,0	34 700	34 700	24,6	118,7	32 600	40 700	88,0
92,0									15,5	107,1	29 600	39 500	92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

ASME B30.5



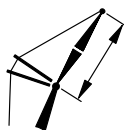
400 000 kg



360°



86,0 m

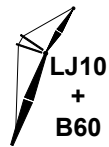


77,0 m

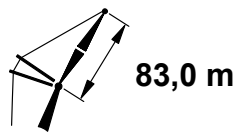
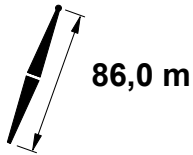
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	63,8	154,6	52 000	56 300								60,0
62,0	62,1	153,5	49 200	56 300								62,0
64,0	60,4	152,4	46 600	56 300								64,0
66,0	58,6	151,1	44 200	56 300								66,0
68,0	56,9	149,8	41 900	56 300								68,0
72,0	53,2	146,9	37 800	56 300	59,6	149,5	28 100	52 100				72,0
76,0	49,3	143,6	34 000	56 300	56,1	146,9	24 900	52 100				76,0
80,0	45,2	139,8	30 600	56 300	52,4	143,9	22 000	52 100				80,0
84,0	40,7	135,3	27 600	56 300	48,4	140,5	19 300	52 100				84,0
88,0	35,8	130,1	24 700	55 500	44,3	136,5	17 000	52 100	51,3	140,1	48 700	88,0
92,0	30,2	123,7	22 100	52 400	39,7	131,9	14 700	51 000	47,3	136,5	45 700	92,0
96,0	23,3	115,4	19 700	49 600	34,7	126,5	12 700	47 800	43,1	132,4	42 700	96,0
100,0	13,3	102,6	17 300	47 100	28,9	119,7	10 800	44 900	38,4	127,6	40 000	100,0
104,0					21,6	110,9		42 100	33,2	121,8	37 400	104,0
108,0					9,9	95,7		39 400	27,1	114,7	35 100	108,0
112,0									19,2	104,8	32 800	112,0

MLC650 VPC-MAX S-3

ASME B30.5



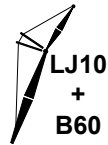
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,5	168,5	53 800	53 800									33,5
34,0	74,1	168,4	53 800	53 800									34,0
36,0	72,7	167,7	53 600	53 600									36,0
38,0	71,2	167,0	53 300	53 300									38,0
40,0	69,8	166,3	53 100	53 100									40,0
42,0	68,3	165,5	52 700	52 700	71,9	167,0	53 600	53 600					42,0
44,0	66,8	164,6	52 300	52 300	70,5	166,3	53 500	53 500					44,0
46,0	65,2	163,7	51 800	51 800	69,0	165,5	53 400	53 400					46,0
48,0	63,7	162,7	51 300	51 300	67,5	164,7	53 100	53 100					48,0
50,0	62,1	161,6	50 800	50 800	66,0	163,8	52 900	52 900	69,3	165,0	52 400	52 400	50,0
52,0	60,5	160,5	49 300	49 300	64,5	162,8	52 600	52 600	67,8	164,2	52 400	52 400	52,0
54,0	58,9	159,3	47 700	47 700	62,9	161,8	52 200	52 200	66,3	163,3	52 400	52 400	54,0
56,0	57,3	158,0	46 000	46 000	61,3	160,7	51 800	51 800	64,8	162,3	52 400	52 400	56,0
58,0	55,6	156,6	44 400	44 400	59,7	159,5	51 400	51 400	63,3	161,3	52 400	52 400	58,0
60,0	53,9	155,2	42 800	42 800	58,1	158,3	51 000	51 000	61,7	160,3	52 400	52 400	60,0
62,0	52,2	153,6	41 200	41 200	56,4	157,0	49 500	49 500	60,1	159,1	52 400	52 400	62,0
64,0	50,4	151,9	39 600	39 600	54,7	155,5	47 900	47 900	58,5	157,9	52 300	52 300	64,0
66,0	48,5	150,2	38 200	38 200	53,0	154,0	46 200	46 200	56,8	156,5	52 100	52 100	66,0
68,0	46,6	148,3	36 700	36 700	51,2	152,4	44 700	44 700	55,1	155,2	51 800	51 800	68,0
72,0	42,6	144,1	34 100	34 100	49,4	150,7	43 100	43 100	53,4	153,7	51 000	51 500	72,0
76,0	38,3	139,2	31 700	31 700	45,6	146,9	40 100	40 100	49,8	150,4	46 600	49 600	76,0
80,0	33,5	133,5	29 700	29 700	41,6	142,6	37 300	37 300	46,1	146,7	42 300	46 500	80,0
84,0	27,9	126,5	28 200	28 200	37,1	137,5	34 800	34 800	42,0	142,4	38 500	43 500	84,0
88,0	21,0	117,3	27 300	27 300	32,1	131,5	32 600	32 600	37,6	137,4	35 000	40 700	88,0
92,0	9,9	101,8	27 200	27 200	26,3	124,1	31 000	31 000	32,7	131,6	31 800	38 200	92,0
96,0					18,8	114,0	30 000	30 000	27,0	124,3	28 900	36 100	96,0
100,0									19,8	114,7	26 100	34 600	100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



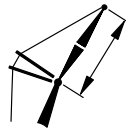
400 000 kg



360°



86,0 m

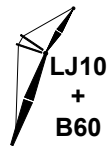


83,0 m

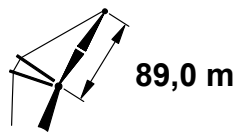
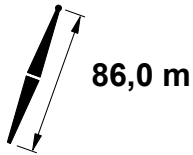
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	62,7	159,3	45 300	49 800								64,0
66,0	61,2	158,2	42 900	49 800								66,0
68,0	59,5	157,0	40 600	49 800								68,0
72,0	56,3	154,4	36 500	49 800								72,0
76,0	52,8	151,4	32 800	49 800	58,9	154,1	23 500	45 900				76,0
80,0	49,2	148,1	29 500	49 800	55,5	151,4	20 600	45 900				80,0
84,0	45,4	144,3	26 400	49 800	52,1	148,4	18 100	45 900				84,0
88,0	41,3	139,9	23 700	49 800	48,4	145,0	15 700	45 900				88,0
92,0	36,8	134,8	21 100	49 500	44,6	141,0	13 500	45 900	51,1	144,6	42 800	92,0
96,0	31,8	128,7	18 800	46 900	40,4	136,5	11 500	45 900	47,4	141,0	41 700	96,0
100,0	25,9	121,2	16 600	44 400	35,8	131,3	9 700	44 000	43,5	136,9	39 000	100,0
104,0	18,3	110,9	14 500	42 500	30,7	124,9		41 200	39,2	132,2	36 500	104,0
108,0					24,5	117,0		38 700	34,5	126,7	34 100	108,0
112,0					16,2	105,6		36 300	29,1	120,0	32 000	112,0
116,0									22,6	111,4	29 900	116,0
120,0									13,0	98,2	27 900	120,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,5	174,3	47 000	47 000									35,1
36,0	73,9	174,0	46 900	46 900									36,0
38,0	72,5	173,4	46 700	46 700									38,0
40,0	71,2	172,7	46 500	46 500									40,0
42,0	69,8	172,0	46 200	46 200									42,0
44,0	68,4	171,2	45 900	45 900	71,9	172,7	46 600	46 600					44,0
46,0	67,0	170,3	45 500	45 500	70,5	172,0	46 500	46 500					46,0
48,0	65,6	169,4	45 100	45 100	69,1	171,2	46 400	46 400					48,0
50,0	64,2	168,4	44 700	44 700	67,7	170,4	46 200	46 200					50,0
52,0	62,7	167,4	44 300	44 300	66,3	169,5	46 000	46 000					52,0
54,0	61,3	166,3	43 600	43 600	64,9	168,5	45 700	45 700	68,0	169,9	45 500	45 500	54,0
56,0	59,8	165,1	42 300	42 300	63,4	167,5	45 400	45 400	66,6	169,0	45 500	45 500	56,0
58,0	58,2	163,9	41 000	41 000	62,0	166,5	45 100	45 100	65,2	168,1	45 500	45 500	58,0
60,0	56,7	162,5	39 600	39 600	60,5	165,3	44 800	44 800	63,8	167,1	45 500	45 500	60,0
62,0	55,1	161,1	38 300	38 300	59,0	164,1	44 400	44 400	62,3	166,0	45 500	45 500	62,0
64,0	53,5	159,7	36 900	36 900	57,5	162,8	43 900	43 900	60,8	164,9	45 400	45 400	64,0
66,0	51,9	158,1	35 600	35 600	55,9	161,5	42 800	42 800	59,3	163,7	45 200	45 200	66,0
68,0	50,2	156,4	34 300	34 300	54,3	160,0	41 500	41 500	57,8	162,4	45 100	45 100	68,0
72,0	46,7	152,8	31 900	31 900	52,7	158,5	40 100	40 100	56,3	161,1	44 900	44 900	72,0
76,0	43,0	148,6	29 600	29 600	49,3	155,2	37 500	37 500	53,1	158,2	44 200	44 400	76,0
80,0	39,0	143,9	27 600	27 600	45,8	151,4	35 000	35 000	49,7	154,9	40 600	43 400	80,0
84,0	34,6	138,4	25 900	25 900	42,0	147,1	32 600	32 600	46,2	151,2	36 700	40 800	84,0
88,0	29,7	131,8	24 400	24 400	38,0	142,2	30 500	30 500	42,5	146,9	33 300	38 300	88,0
92,0	23,8	123,5	23 500	23 500	33,5	136,5	28 600	28 600	38,4	142,1	30 100	35 900	92,0
96,0	15,8	111,9	23 200	23 200	28,3	129,5	27 000	27 000	34,0	136,5	27 200	33 800	96,0
100,0					22,0	120,7	26 000	26 000	28,9	129,7	24 500	31 900	100,0
104,0					13,1	107,3	25 700	25 700	22,8	121,1	22 000	30 400	104,0
108,0									14,4	108,6	19 600	29 600	108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



86,0 m

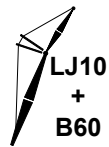


89,0 m

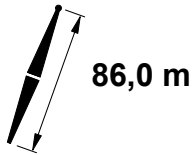
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	64,7	166,0	42 600	42 600								64,0
66,0	63,3	165,0	40 900	42 600								66,0
68,0	61,8	163,9	38 600	42 600								68,0
72,0	58,8	161,6	34 500	42 600								72,0
76,0	55,7	158,9	30 800	42 600								76,0
80,0	52,5	155,9	27 500	42 600	58,2	158,7	18 500	39 200				80,0
84,0	49,2	152,6	24 500	42 600	55,1	156,0	16 000	39 200				84,0
88,0	45,6	148,8	21 800	42 600	51,8	152,9	13 700	39 200				88,0
92,0	41,8	144,5	19 300	42 600	48,4	149,4	11 600	39 200	54,2	152,2	36 000	92,0
96,0	37,7	139,5	17 000	42 600	44,8	145,5	9 600	39 200	50,9	149,0	36 000	96,0
100,0	33,2	133,7	14 900	41 700	41,0	141,1		39 200	47,5	145,5	36 000	100,0
104,0	28,0	126,7	12 800	39 600	36,8	136,0		39 100	43,8	141,4	34 900	104,0
108,0	21,6	117,7	10 900	37 700	32,1	130,0		37 300	39,9	136,8	32 600	108,0
112,0	12,4	103,8		34 700	26,8	122,6		35 000	35,6	131,5	30 500	112,0
116,0					20,0	113,0		32 800	30,8	125,2	28 500	116,0
120,0					9,2	96,6		30 700	25,1	117,3	26 600	120,0
124,0									17,8	106,7	24 800	124,0

MLC650 VPC-MAX S-3

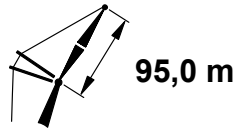
ASME B30.5



400 000 kg



86,0 m

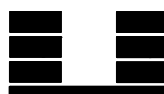


95,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,6	180,1	40 300	40 300									36,6
38,0	73,7	179,7	40 300	40 300									38,0
40,0	72,4	179,0	40 100	40 100									40,0
42,0	71,1	178,4	39 900	39 900									42,0
44,0	69,9	177,6	39 700	39 700	71,8	178,4	39 900	39 900					44,0
46,0	68,6	176,8	39 500	39 500	70,5	177,6	39 900	39 900					46,0
48,0	67,2	176,0	39 200	39 200	69,2	176,9	39 800	39 800					48,0
50,0	65,9	175,1	38 900	38 900	67,9	176,1	39 600	39 600					50,0
52,0	64,6	174,1	38 600	38 600	66,6	175,2	39 400	39 400	69,5	176,3	38 900	38 900	52,0
54,0	63,2	173,1	38 200	38 200	65,2	174,3	39 200	39 200	68,2	175,5	38 900	38 900	54,0
56,0	61,9	172,0	37 900	37 900	63,9	173,3	39 000	39 000	66,9	174,7	38 900	38 900	56,0
58,0	60,5	170,9	37 500	37 500	62,5	172,2	38 800	38 800	65,6	173,7	38 900	38 900	58,0
60,0	59,1	169,7	36 600	36 600	61,2	171,1	38 500	38 500	64,2	172,8	38 900	38 900	60,0
62,0	57,6	168,4	35 500	35 500	59,8	169,9	38 200	38 200	62,9	171,7	38 800	38 800	62,0
64,0	56,2	167,1	34 400	34 400	58,3	168,7	38 000	38 000	61,5	170,7	38 700	38 700	64,0
66,0	54,7	165,7	33 300	33 300	56,9	167,4	37 700	37 700	60,1	169,5	38 600	38 600	66,0
68,0	53,2	164,2	32 200	32 200	55,4	166,0	37 200	37 200	58,7	168,3	38 500	38 500	68,0
72,0	50,1	160,9	30 000	30 000	52,4	163,0	35 100	35 100	55,8	165,6	38 200	38 200	72,0
76,0	46,8	157,2	28 000	28 000	49,3	159,7	32 900	32 900	52,8	162,7	37 900	37 900	76,0
80,0	43,4	153,1	26 100	26 100	46,0	155,9	30 800	30 800	49,6	159,3	35 700	37 500	80,0
84,0	39,7	148,5	24 300	24 300	42,5	151,7	28 800	28 800	46,4	155,6	32 300	36 000	84,0
88,0	35,6	143,2	22 800	22 800	38,7	146,9	27 000	27 000	42,9	151,5	29 100	33 900	88,0
92,0	31,2	136,9	21 500	21 500	34,6	141,3	25 400	25 400	39,1	146,7	26 300	32 000	92,0
96,0	26,0	129,3	20 500	20 500	29,9	134,8	23 900	23 900	35,1	141,3	23 600	30 100	96,0
100,0	19,5	119,4	20 000	20 000	24,5	126,7	22 900	22 900	30,5	134,9	21 200	28 400	100,0
104,0					17,5	115,9	22 300	22 300	25,2	127,0	18 900	27 100	104,0
108,0									18,5	116,6	16 700	26 100	108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0

MLC650 VPC-MAX S-3

ASME B30.5



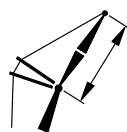
400 000 kg



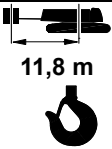
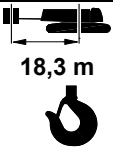
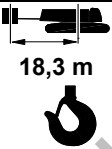
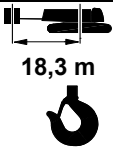
360°



86,0 m

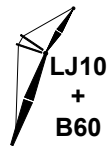


95,0 m

	 75°				 70°				 65°				
 m	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 18,3 m kg	 °	 m	 18,3 m kg	 m		
36,6											36,6		
38,0											38,0		
40,0											40,0		
42,0											42,0		
44,0											44,0		
46,0											46,0		
48,0											48,0		
50,0											50,0		
52,0											52,0		
54,0											54,0		
56,0											56,0		
58,0											58,0		
60,0											60,0		
62,0											62,0		
64,0											64,0		
66,0											66,0		
68,0	63,8	170,7	36 300	36 300							68,0		
72,0	61,0	168,6	33 200	36 300							72,0		
76,0	58,2	166,1	29 600	36 300							76,0		
80,0	55,3	163,4	26 300	36 300							80,0		
84,0	52,3	160,4	23 400	36 300	57,6	163,2	33 200				84,0		
88,0	49,1	157,0	20 700	36 300	54,6	160,5	33 200				88,0		
92,0	45,8	153,3	18 200	36 300	51,6	157,4	33 200				92,0		
96,0	42,3	149,0	15 900	36 300	48,4	153,9	33 200	53,8	156,7	30 300	96,0		
100,0	38,5	144,2	13 800	36 300	45,0	150,0	33 200	50,7	153,5	30 300	100,0		
104,0	34,3	138,6	11 800	36 300	41,5	145,7	33 200	47,5	150,0	30 300	104,0		
108,0	29,7	131,9	10 000	35 500	37,6	140,7	33 200	44,1	146,0	30 300	108,0		
112,0	24,2	123,8		33 900	33,4	134,9	33 200	40,5	141,4	29 500	112,0		
116,0	17,0	112,7		32 500	28,6	128,0	31 900	36,5	136,2	27 500	116,0		
120,0					22,8	119,4	29 900	32,1	130,2	25 700	120,0		
124,0					15,1	107,2	28 000	27,1	122,9	23 900	124,0		
128,0								21,0	113,6	22 300	128,0		
132,0								12,1	99,5	20 700	132,0		

MLC650 VPC-MAX S-3

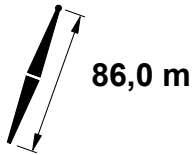
ASME B30.5



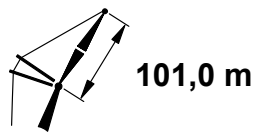
400 000 kg



360°



86,0 m

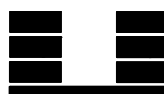
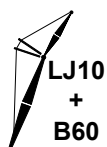


101,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
38,1	74,6	185,9	35 000	35 000									38,1
40,0	73,5	185,4	34 800	34 800									40,0
42,0	72,3	184,7	34 700	34 700									42,0
44,0	71,1	184,0	34 600	34 600									44,0
46,0	69,9	183,3	34 300	34 300	71,7	184,0	34 500	34 500					46,0
48,0	68,7	182,5	34 100	34 100	70,5	183,3	34 400	34 400					48,0
50,0	67,4	181,7	33 900	33 900	69,3	182,5	34 300	34 300					50,0
52,0	66,2	180,8	33 600	33 600	68,1	181,7	34 200	34 200					52,0
54,0	64,9	179,8	33 300	33 300	66,8	180,9	34 000	34 000	69,6	182,0	33 400	33 400	54,0
56,0	63,7	178,8	33 000	33 000	65,6	179,9	33 800	33 800	68,3	181,2	33 400	33 400	56,0
58,0	62,4	177,8	32 700	32 700	64,3	179,0	33 600	33 600	67,1	180,3	33 400	33 400	58,0
60,0	61,1	176,7	32 400	32 400	63,0	178,0	33 400	33 400	65,9	179,4	33 400	33 400	60,0
62,0	59,8	175,5	32 000	32 000	61,7	176,9	33 200	33 200	64,6	178,5	33 400	33 400	62,0
64,0	58,5	174,3	31 200	31 200	60,4	175,7	32 900	32 900	63,3	177,5	33 300	33 300	64,0
66,0	57,1	173,0	30 200	30 200	59,1	174,5	32 700	32 700	62,0	176,4	33 200	33 200	66,0
68,0	55,7	171,6	29 300	29 300	57,8	173,3	32 400	32 400	60,7	175,3	33 100	33 100	68,0
72,0	52,9	168,6	27 400	27 400	55,0	170,5	31 800	31 800	58,1	172,8	32 900	32 900	72,0
76,0	50,0	165,4	25 600	25 600	52,2	167,5	30 100	30 100	55,3	170,1	32 600	32 600	76,0
80,0	46,9	161,7	23 900	23 900	49,2	164,1	28 300	28 300	52,5	167,1	32 300	32 300	80,0
84,0	43,7	157,7	22 200	22 200	46,1	160,4	26 500	26 500	49,6	163,8	30 500	31 900	84,0
88,0	40,2	153,1	20 800	20 800	42,8	156,2	24 800	24 800	46,5	160,1	27 400	31 100	88,0
92,0	36,5	147,9	19 400	19 400	39,3	151,5	23 200	23 200	43,2	156,0	24 600	29 400	92,0
96,0	32,4	141,9	18 300	18 300	35,5	146,1	21 800	21 800	39,7	151,3	22 000	27 800	96,0
100,0	27,8	134,8	17 400	17 400	31,3	139,9	20 600	20 600	36,0	146,0	19 500	26 200	100,0
104,0	22,3	125,9	16 800	16 800	26,5	132,4	19 600	19 600	31,8	139,9	17 300	24 700	104,0
108,0	14,8	113,4	16 600	16 600	20,6	122,9	18 900	18 900	27,1	132,6	15 200	23 500	108,0
112,0					12,2	108,6	17 100	18 100	21,4	123,4	13 200	21 600	112,0
116,0									13,5	110,0	11 300	19 100	116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0

MLC650 VPC-MAX S-3

ASME B30.5



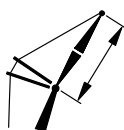
400 000 kg



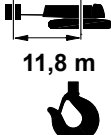
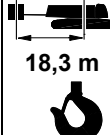
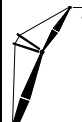
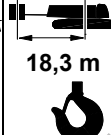
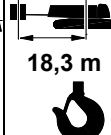
360°



86,0 m

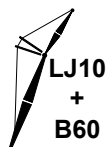


101,0 m

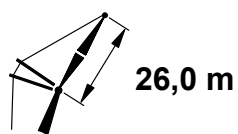
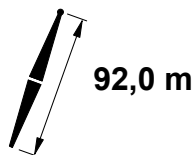
	 75°				 70°			 65°			
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 18,3 m  kg	 °	 m	 18,3 m  kg	 m
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0											66,0
68,0											68,0
72,0	62,9	175,4	30 800	30 900							72,0
76,0	60,3	173,2	27 700	30 900							76,0
80,0	57,6	170,7	24 400	30 900							80,0
84,0	54,9	167,9	21 500	30 900	59,7	170,3	28 000				84,0
88,0	52,0	164,9	18 800	30 900	57,0	167,8	28 000				88,0
92,0	49,0	161,5	16 400	30 900	54,3	165,0	28 000				92,0
96,0	45,9	157,7	14 100	30 900	51,4	161,9	28 000				96,0
100,0	42,6	153,5	12 000	30 900	48,4	158,4	28 000	53,5	161,2	25 500	100,0
104,0	39,1	148,8	10 100	30 900	45,2	154,5	28 000	50,6	158,0	25 500	104,0
108,0	35,3	143,4		30 300	41,9	150,2	28 000	47,6	154,4	25 500	108,0
112,0	31,1	137,1		27 700	38,3	145,3	28 000	44,4	150,5	25 500	112,0
116,0	26,2	129,5		25 000	34,4	139,8	28 000	41,0	146,0	25 500	116,0
120,0	20,3	119,8		22 300	30,1	133,2	27 700	37,3	141,0	24 200	120,0
124,0	11,6	105,1		19 800	25,0	125,3	25 200	33,3	135,1	22 500	124,0
128,0					18,8	115,0	22 500	28,8	128,3	20 900	128,0
132,0					8,6	97,5	20 200	23,5	119,9	19 400	132,0
136,0								16,6	108,4	17 900	136,0

MLC650 VPC-MAX S-3

ASME B30.5



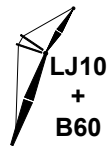
400 000 kg



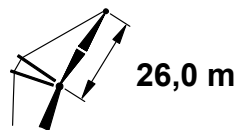
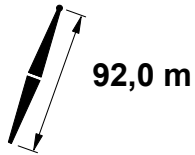
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	72,1	119,2	158 100 d	158 100 d									19,8
20,0	71,6	119,1	157 500 d	157 500 d									20,0
22,0	66,8	118,2	152 100 d	152 100 d									22,0
24,0	61,8	117,1	149 500 c	149 500 c	69,7	118,4	155 700 d	155 700 d					24,0
26,0	56,5	115,8	146 400 b	146 400 b	64,8	117,4	153 000 c	153 000 c					26,0
28,0	50,8	114,1	143 800 b	143 800 b	59,7	116,2	150 600 c	150 600 c					28,0
30,0	44,6	112,1	141 000	141 000	54,3	114,8	148 000 b	148 000 b	66,7	117,1	154 700 c	154 700 c	30,0
32,0	37,4	109,6	137 600	137 600	48,4	113,0	145 100 b	145 100 b	61,7	116,0	153 500 c	153 500 c	32,0
34,0	28,6	106,1	133 200	133 200	41,8	110,8	143 100	143 100	56,4	114,6	150 800 b	151 500 b	34,0
36,0					34,1	107,9	141 000	141 000	50,7	113,0	143 400 b	149 200 b	36,0
38,0					24,2	103,9	137 500	137 500	44,4	110,9	134 200	147 000	38,0
40,0									37,3	108,4	126 000	145 700	40,0
42,0									28,4	104,9	118 400	145 200	42,0
44,0									14,5	98,9	111 200	143 900	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

MLC650 VPC-MAX S-3

ASME B30.5



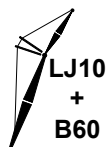
400 000 kg



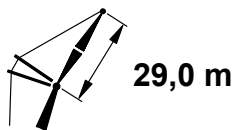
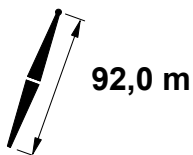
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,3	114,0	109 900 b	153 400 b									40,0
42,0	55,9	112,7	103 400 b	152 500 b									42,0
44,0	50,2	111,0	97 500 b	151 200 b									44,0
46,0	43,9	108,9	92 000	149 600									46,0
48,0	36,6	106,3	87 000	145 100	54,9	109,9	70 100 b	129 000 b					48,0
50,0	27,5	102,7	82 200	138 200	49,1	108,2	66 400 b	123 100 b					50,0
52,0					42,6	106,0	62 900	117 600					52,0
54,0					35,1	103,2	59 700	112 500					54,0
56,0					25,6	99,4	56 500	107 700	53,2	106,2	46 600 b	100 200 b	56,0
58,0									47,2	104,4	44 100	96 100	58,0
60,0									40,5	102,1	41 800	92 300	60,0
62,0									32,5	99,1	39 600	88 600	62,0
64,0									21,8	94,6	37 400	85 100	64,0
66,0													66,0

MLC650 VPC-MAX S-3

ASME B30.5



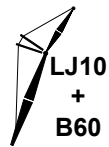
400 000 kg



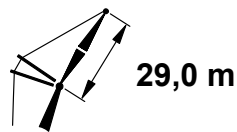
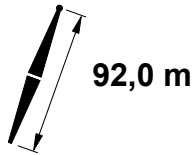
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,0	122,4	144 700 d	144 700 d									19,8
20,0	73,6	122,3	144 600 d	144 600 d									20,0
22,0	69,4	121,5	143 300 d	143 300 d									22,0
24,0	65,0	120,5	141 300 c	141 300 c									24,0
26,0	60,4	119,4	138 700 b	138 700 b	67,6	120,8	144 300 c	144 300 c					26,0
28,0	55,6	118,0	135 700 b	135 700 b	63,2	119,7	142 400 c	142 400 c					28,0
30,0	50,5	116,4	133 000	133 000	58,5	118,5	140 000 b	140 000 b					30,0
32,0	44,9	114,4	130 600	130 600	53,6	117,0	137 600 b	137 600 b	64,9	119,4	144 700 c	144 700 c	32,0
34,0	38,7	111,9	125 400	125 400	48,3	115,2	134 900	134 900	60,4	118,2	143 300 b	143 300 b	34,0
36,0	31,3	108,7	120 800	120 800	42,5	113,1	133 000	133 000	55,5	116,8	140 500 b	141 200 b	36,0
38,0	21,5	104,2	118 200	118 200	35,9	110,4	129 100	129 100	50,4	115,2	133 000	139 100	38,0
40,0					27,8	106,8	124 900	124 900	44,8	113,2	124 900	137 100	40,0
42,0					15,7	101,0	123 200	123 200	38,5	110,7	117 500	135 700	42,0
44,0									31,1	107,5	110 700	134 000	44,0
46,0									21,2	102,9	104 300	130 800	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



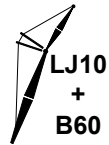
400 000 kg



	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	60,0	116,3	101 900 b	143 400 b									42,0
44,0	55,1	114,9	96 000 b	142 900 b									44,0
46,0	50,0	113,2	90 600	141 500									46,0
48,0	44,3	111,2	85 700	140 300									48,0
50,0	38,0	108,7	81 100	136 900									50,0
52,0	30,4	105,4	76 800	130 900	54,2	112,1	64 900	121 800					52,0
54,0	20,1	100,6	72 700	125 000	49,0	110,4	61 500	116 400					54,0
56,0					43,2	108,3	58 300	111 400					56,0
58,0					36,7	105,6	55 300	106 700					58,0
60,0					28,9	102,2	52 400	102 300	52,7	108,5	42 600	94 900	60,0
62,0					17,6	96,9	49 600	98 100	47,3	106,6	40 300	91 100	62,0
64,0									41,4	104,4	38 200	87 500	64,0
66,0									34,5	101,5	36 200	84 100	66,0
68,0									26,0	97,7	34 200	80 900	68,0

MLC650 VPC-MAX S-3

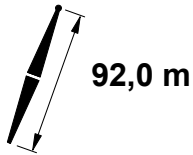
ASME B30.5



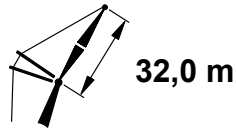
400 000 kg



360°



92,0 m

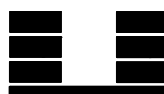
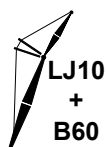


32,0 m

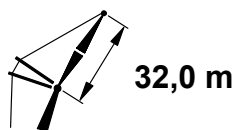
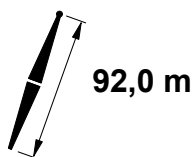
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,7	125,0	135 600 c	135 600 c									21,3
22,0	71,4	124,7	135 200 c	135 200 c									22,0
24,0	67,5	123,9	133 700 c	133 700 c									24,0
26,0	63,5	122,9	131 500 b	131 500 b	69,9	124,1	136 100 c	136 100 c					26,0
28,0	59,4	121,7	128 900 b	128 900 b	65,9	123,1	134 800 c	134 800 c					28,0
30,0	55,0	120,3	126 100	126 100	61,9	122,1	132 900 b	132 900 b					30,0
32,0	50,3	118,6	123 600	123 600	57,6	120,8	130 500 b	130 500 b	67,5	122,8	136 300 b	136 300 b	32,0
34,0	45,3	116,6	120 000	120 000	53,1	119,3	128 100	128 100	63,5	121,7	135 500 b	135 500 b	34,0
36,0	39,7	114,3	114 600	114 600	48,4	117,5	125 900	125 900	59,3	120,5	134 000 b	134 000 b	36,0
38,0	33,4	111,3	110 000	110 000	43,1	115,4	123 700	123 700	54,9	119,1	132 000	132 100	38,0
40,0	25,5	107,4	107 100	107 100	37,3	112,8	118 500	118 500	50,2	117,4	124 300	130 200	40,0
42,0					30,4	109,5	114 200	114 200	45,2	115,5	117 000	128 400	42,0
44,0					21,5	104,9	111 500	111 500	39,6	113,1	110 300	127 000	44,0
46,0									33,2	110,1	104 200	123 900	46,0
48,0									25,3	106,2	98 400	120 000	48,0
50,0									12,8	99,5	92 900	118 700	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

ASME B30.5



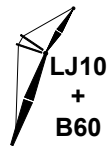
400 000 kg



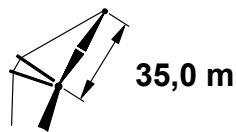
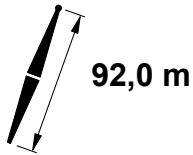
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	63,1	119,8	101 000 b	134 700 b									42,0
44,0	58,9	118,6	95 200 b	134 700 b									44,0
46,0	54,5	117,2	89 900	134 000									46,0
48,0	49,8	115,5	85 000	132 900									48,0
50,0	44,7	113,5	80 500	131 800									50,0
52,0	39,1	111,0	76 300	130 300	58,1	115,9	64 000	121 000					52,0
54,0	32,6	108,0	72 400	124 600	53,7	114,4	60 700	115 700					54,0
56,0	24,5	103,9	68 600	119 200	48,9	112,6	57 500	110 700					56,0
58,0					43,8	110,6	54 600	106 100					58,0
60,0					38,0	108,0	51 900	101 800					60,0
62,0					31,3	104,9	49 200	97 700	52,3	110,7	39 500	90 300	62,0
64,0					22,7	100,5	46 700	93 800	47,4	108,9	37 400	86 800	64,0
66,0									42,1	106,7	35 500	83 500	66,0
68,0									36,1	104,0	33 600	80 400	68,0
72,0									19,4	95,6	29 900	74 500	72,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



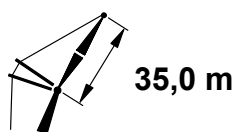
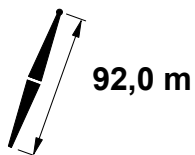
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,2	128,2	126 800 c	126 800 c									21,3
22,0	73,1	127,9	126 800 c	126 800 c									22,0
24,0	69,6	127,2	125 600 b	125 600 b									24,0
26,0	66,0	126,3	123 800 b	123 800 b	71,7	127,3	127 200 c	127 200 c					26,0
28,0	62,3	125,2	121 600 b	121 600 b	68,1	126,4	126 400 b	126 400 b					28,0
30,0	58,4	123,9	119 500	119 500	64,5	125,5	125 000 b	125 000 b					30,0
32,0	54,4	122,5	116 800	116 800	60,7	124,3	123 100 b	123 100 b	69,5	126,0	127 200 b	127 200 b	32,0
34,0	50,1	120,8	114 200	114 200	56,8	123,0	121 100	121 100	65,9	125,1	126 900 b	126 900 b	34,0
36,0	45,5	118,9	109 800	109 800	52,7	121,5	118 900	118 900	62,2	124,0	126 000 b	126 000 b	36,0
38,0	40,5	116,6	104 800	104 800	48,3	119,7	116 900	116 900	58,3	122,8	124 500	124 500	38,0
40,0	34,9	113,7	100 600	100 600	43,6	117,6	113 800	113 800	54,3	121,3	122 100	122 900	40,0
42,0	28,2	110,2	97 500	97 500	38,4	115,1	108 900	108 900	50,0	119,7	115 700	121 100	42,0
44,0	19,3	105,1	96 200	96 200	32,4	112,1	104 700	104 700	45,4	117,7	109 100	119 500	44,0
46,0					25,0	108,0	101 800	101 800	40,4	115,4	103 100	118 000	46,0
48,0									34,8	112,6	97 500	114 400	48,0
50,0									28,1	109,0	92 300	110 500	50,0
52,0									19,1	103,9	87 400	108 100	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



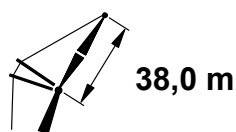
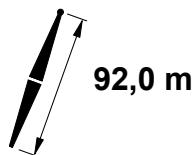
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,9	122,1	93 600	125 200									44,0
46,0	58,0	120,8	88 400	125 200									46,0
48,0	54,0	119,4	83 600	124 800									48,0
50,0	49,7	117,7	79 100	123 900									50,0
52,0	45,0	115,7	75 000	122 900									52,0
54,0	40,0	113,3	71 100	121 800	57,3	118,1	59 100	114 400					54,0
56,0	34,3	110,5	67 500	118 200	53,2	116,6	56 000	109 500					56,0
58,0	27,4	106,8	64 100	113 200	48,9	114,8	53 100	104 900					58,0
60,0	18,1	101,5	60 800	108 500	44,2	112,8	50 500	100 600					60,0
62,0					39,0	110,4	47 900	96 600					62,0
64,0					33,1	107,4	45 500	92 800	51,9	113,0	35 800	85 500	64,0
66,0					26,0	103,5	43 100	89 200	47,5	111,1	33 900	82 300	66,0
68,0					15,8	97,6	40 800	85 800	42,7	108,9	32 100	79 200	68,0
72,0									31,2	103,2	28 700	73 500	72,0
76,0									10,6	91,3	25 200	68 200	76,0

MLC650 VPC-MAX S-3

ASME B30.5



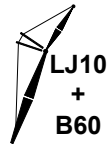
400 000 kg



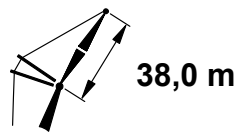
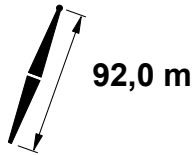
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,1	130,8	119 600 c	119 600 c									22,9
24,0	71,3	130,4	119 100 b	119 100 b									24,0
26,0	68,0	129,6	117 800 b	117 800 b									26,0
28,0	64,7	128,6	116 000 b	116 000 b									28,0
30,0	61,2	127,5	113 900	113 900	70,0	129,7	119 900 b	119 900 b					30,0
					66,7	128,8	119 000 b	119 000 b					
32,0	57,7	126,2	111 700	111 700	63,3	127,8	117 500 b	117 500 b					32,0
34,0	53,9	124,8	109 500	109 500	59,8	126,6	115 700	115 700	68,0	128,4	120 100 b	120 100 b	34,0
36,0	50,0	123,1	106 200	106 200	56,2	125,3	113 700	113 700	64,6	127,5	119 700	119 700	36,0
38,0	45,8	121,1	101 400	101 400	52,4	123,7	111 700	111 700	61,2	126,3	118 700	118 700	38,0
40,0	41,2	118,9	96 800	96 800	48,3	122,0	109 600	109 600	57,6	125,1	118 100	118 100	40,0
42,0	36,2	116,2	92 900	92 900	44,0	119,9	105 500	105 500	53,8	123,6	114 800	115 800	42,0
44,0	30,4	112,9	89 700	89 700	39,3	117,5	100 900	100 900	49,9	121,9	109 300	114 200	44,0
46,0	23,2	108,6	87 900	87 900	34,0	114,6	97 000	97 000	45,7	120,0	103 300	112 700	46,0
48,0					27,7	110,9	94 000	94 000	41,1	117,7	97 800	110 600	48,0
50,0					19,5	105,9	92 400	92 400	36,1	115,0	92 600	106 600	50,0
52,0									30,3	111,7	87 900	102 800	52,0
54,0									23,0	107,3	83 400	100 100	54,0
56,0									11,5	100,0	79 000	99 300	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



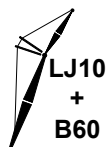
400 000 kg



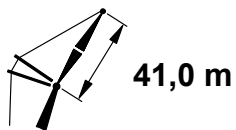
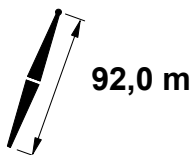
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	60,9	124,4	88 400	118 300									46,0
48,0	57,3	123,1	83 600	118 200									48,0
50,0	53,5	121,6	79 200	117 800									50,0
52,0	49,6	119,9	75 100	117 100									52,0
54,0	45,3	118,0	71 300	116 200									54,0
56,0	40,7	115,7	67 700	115 400	56,6	120,4	56 000	109 400					56,0
58,0	35,6	112,9	64 400	113 300	52,8	118,9	53 200	104 800					58,0
60,0	29,7	109,5	61 300	108 700	48,8	117,1	50 500	100 600					60,0
62,0	22,3	105,0	58 200	104 400	44,5	115,1	48 000	96 600					62,0
64,0	9,8	97,0	55 200	100 200	39,9	112,7	45 700	92 800					64,0
66,0					34,6	109,9	43 400	89 300	51,6	115,2	34 000	82 200	66,0
68,0					28,5	106,3	41 300	86 000	47,6	113,4	32 200	79 200	68,0
72,0									38,4	108,8	28 900	73 600	72,0
76,0									26,4	101,9	25 800	68 500	76,0

MLC650 VPC-MAX S-3

ASME B30.5



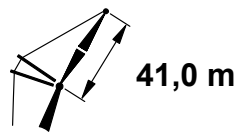
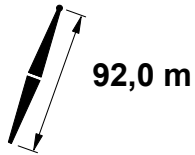
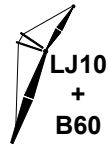
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,4	134,0	112 600 c	112 600 c									22,9
24,0	72,7	133,6	112 300 b	112 300 b									24,0
26,0	69,7	132,8	111 400 b	111 400 b									26,0
28,0	66,7	131,9	110 000 b	110 000 b	71,5	132,9	113 000 b	113 000 b					28,0
30,0	63,5	130,9	108 200	108 200	68,5	132,1	112 400 b	112 400 b					30,0
32,0	60,3	129,8	106 200	106 200	65,4	131,2	111 300	111 300					32,0
34,0	57,0	128,5	104 400	104 400	62,3	130,1	109 800	109 800					34,0
36,0	53,5	127,0	101 900	101 900	59,0	128,9	108 200	108 200	66,6	130,8	112 800	112 800	36,0
38,0	49,8	125,3	97 700	97 700	55,6	127,5	106 300	106 300	63,5	129,8	112 200	112 200	38,0
40,0	46,0	123,4	93 100	93 100	52,0	126,0	104 600	104 600	60,3	128,6	111 200	111 200	40,0
42,0	41,8	121,1	89 000	89 000	48,3	124,2	101 800	101 800	56,9	127,3	110 000	110 000	42,0
44,0	37,2	118,5	85 300	85 300	44,3	122,1	97 300	97 300	53,4	125,8	107 600	108 500	44,0
46,0	32,0	115,4	82 300	82 300	40,0	119,8	93 100	93 100	49,8	124,1	102 000	107 100	46,0
48,0	25,9	111,5	80 300	80 300	35,2	117,0	89 500	89 500	45,9	122,2	96 600	105 800	48,0
50,0	17,7	106,0	79 700	79 700	29,7	113,6	86 500	86 500	41,7	120,0	91 500	103 000	50,0
52,0					23,0	109,2	84 500	84 500	37,1	117,4	86 800	98 900	52,0
54,0									31,9	114,2	82 500	95 300	54,0
56,0									25,7	110,3	78 400	92 500	56,0
58,0									17,5	104,7	74 400	90 800	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

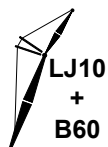
ASME B30.5



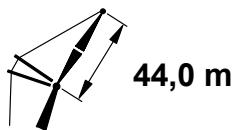
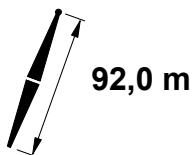
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,2	127,9	86 900	110 900									46,0
48,0	60,0	126,7	82 100	110 900									48,0
50,0	56,6	125,4	77 700	110 900									50,0
52,0	53,1	123,9	73 700	110 800									52,0
54,0	49,4	122,2	69 900	110 100									54,0
56,0	45,5	120,2	66 400	109 300									56,0
58,0	41,3	117,9	63 100	108 600	56,0	122,6	51 600	103 600					58,0
60,0	36,7	115,3	60 100	107 200	52,5	121,1	49 000	99 400					60,0
62,0	31,4	112,1	57 100	103 400	48,8	119,3	46 600	95 400					62,0
64,0	25,2	108,1	54 400	99 400	44,8	117,3	44 200	91 700					64,0
66,0	16,6	102,3	51 600	95 600	40,5	115,0	42 100	88 200					66,0
68,0					35,8	112,3	40 000	84 900	51,4	117,4	30 600	77 900	68,0
72,0					23,9	104,7	36 000	78 900	43,5	113,5	27 400	72 400	72,0
76,0									34,3	108,2	24 500	67 400	76,0
80,0									21,5	100,0	21 600	62 800	80,0

MLC650 VPC-MAX S-3

ASME B30.5



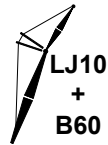
400 000 kg



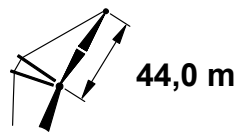
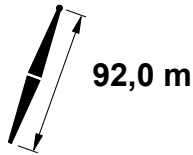
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,4	136,6	106 000 b	106 000 b									24,4
26,0	71,2	136,1	105 400 b	105 400 b									26,0
28,0	68,4	135,3	104 300 b	104 300 b									28,0
30,0	65,5	134,3	102 900	102 900	70,1	135,4	106 300	106 300					30,0
32,0	62,6	133,3	101 200	101 200	67,2	134,5	105 500	105 500					32,0
34,0	59,5	132,1	99 300	99 300	64,3	133,6	104 400	104 400					34,0
36,0	56,4	130,8	97 500	97 500	61,4	132,5	103 000	103 000	68,3	134,1	106 300	106 300	36,0
38,0	53,2	129,3	94 400	94 400	58,3	131,2	101 300	101 300	65,5	133,2	106 100	106 100	38,0
40,0	49,7	127,6	90 100	90 100	55,1	129,8	99 700	99 700	62,5	132,1	105 400	105 400	40,0
42,0	46,1	125,6	86 000	86 000	51,8	128,2	97 900	97 900	59,5	130,9	104 500	104 500	42,0
44,0	42,3	123,4	82 100	82 100	48,3	126,4	94 300	94 300	56,4	129,6	103 300	103 300	44,0
46,0	38,1	120,9	78 800	78 800	44,6	124,4	90 100	90 100	53,1	128,1	101 200	102 000	46,0
48,0	33,4	118,0	75 900	75 900	40,6	122,1	86 300	86 300	49,7	126,4	95 700	100 800	48,0
50,0	28,1	114,4	73 800	73 800	36,3	119,4	82 900	82 900	46,1	124,5	90 700	99 600	50,0
52,0	21,4	109,6	72 600	72 600	31,4	116,2	80 000	80 000	42,2	122,3	86 100	95 900	52,0
54,0					25,6	112,3	77 900	77 900	38,0	119,7	81 800	92 100	54,0
56,0					18,0	106,8	77 000	77 000	33,3	116,8	77 800	88 700	56,0
58,0									28,0	113,1	74 000	85 900	58,0
60,0									21,2	108,4	70 400	84 000	60,0
62,0									10,6	100,5	66 700	83 400	62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



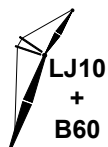
400 000 kg



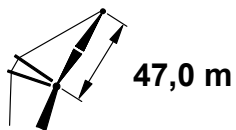
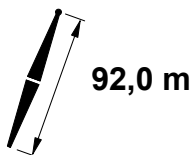
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,3	130,2	81 100	104 300									48,0
50,0	59,2	129,0	76 700	104 300									50,0
52,0	56,1	127,7	72 700	104 300									52,0
54,0	52,8	126,1	69 000	104 200									54,0
56,0	49,4	124,4	65 500	103 700									56,0
58,0	45,7	122,5	62 300	103 100	58,7	126,3	50 600	100 600					58,0
60,0	41,9	120,2	59 200	102 400	55,5	124,9	48 000	98 500					60,0
62,0	37,6	117,7	56 400	101 800	52,2	123,3	45 600	94 600					62,0
64,0	32,9	114,7	53 700	98 700	48,7	121,6	43 300	90 900					64,0
66,0	27,4	111,0	51 100	95 000	45,1	119,6	41 200	87 500					66,0
68,0	20,6	106,1	48 600	91 400	41,1	117,3	39 100	84 200					68,0
72,0					32,0	111,6	35 300	78 200	47,7	117,8	26 400	71 600	72,0
76,0					19,1	102,5	31 700	72 800	39,9	113,4	23 600	66 600	76,0
80,0									30,4	107,3	20 900	62 200	80,0
84,0									16,2	97,2	18 300	58 000	84,0

MLC650 VPC-MAX S-3

ASME B30.5



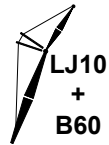
400 000 kg



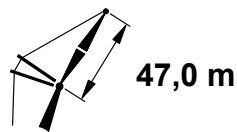
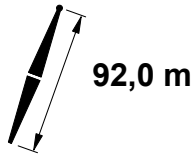
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,5	139,8	99 900 b	99 900 b									24,4
26,0	72,4	139,2	99 500 b	99 500 b									26,0
28,0	69,8	138,5	98 700	98 700									28,0
30,0	67,2	137,6	97 600	97 600	71,4	138,6	100 200	100 200					30,0
32,0	64,5	136,7	96 200	96 200	68,8	137,8	99 700	99 700					32,0
34,0	61,7	135,6	94 500	94 500	66,1	136,9	98 900	98 900					34,0
36,0	58,8	134,4	92 900	92 900	63,4	135,9	97 700	97 700					36,0
38,0	55,9	133,0	91 000	91 000	60,6	134,7	96 400	96 400	67,1	136,5	99 900	99 900	38,0
40,0	52,8	131,5	87 000	87 000	57,7	133,5	94 900	94 900	64,4	135,5	99 600	99 600	40,0
42,0	49,6	129,8	83 000	83 000	54,7	132,0	93 500	93 500	61,6	134,4	98 900	98 900	42,0
44,0	46,3	127,9	79 300	79 300	51,6	130,4	91 100	91 100	58,8	133,2	98 100	98 100	44,0
46,0	42,7	125,7	75 800	75 800	48,3	128,7	87 200	87 200	55,8	131,8	97 000	97 000	46,0
48,0	38,8	123,2	72 700	72 700	44,8	126,7	83 400	83 400	52,8	130,3	94 400	95 900	48,0
50,0	34,6	120,4	70 100	70 100	41,2	124,4	80 000	80 000	49,6	128,6	89 500	94 800	50,0
52,0	29,8	117,0	67 900	67 900	37,2	121,8	76 800	76 800	46,2	126,7	84 900	93 000	52,0
54,0	24,0	112,8	66 600	66 600	32,7	118,7	74 100	74 100	42,6	124,5	80 600	89 300	54,0
56,0	16,4	106,8	66 200	66 200	27,6	115,0	71 900	71 900	38,7	122,1	76 600	85 800	56,0
58,0					21,3	110,3	70 600	70 600	34,5	119,2	72 900	82 600	58,0
60,0									29,7	115,8	69 400	79 900	60,0
62,0									23,9	111,5	66 100	77 800	62,0
64,0									16,2	105,5	62 900	76 700	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



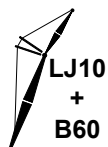
400 000 kg



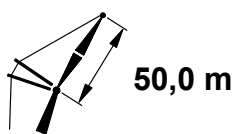
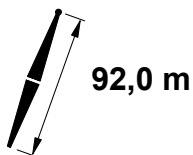
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	61,4	132,5	75 300	98 000									50,0
52,0	58,5	131,3	71 300	98 000									52,0
54,0	55,6	129,9	67 600	98 000									54,0
56,0	52,5	128,3	64 100	98 000									56,0
58,0	49,3	126,6	60 900	97 600									58,0
60,0	45,9	124,7	57 900	97 100	58,0	128,5	46 500	94 200					60,0
62,0	42,3	122,5	55 100	96 500	55,0	127,1	44 100	93 000					62,0
64,0	38,4	120,0	52 400	96 000	51,9	125,6	41 800	89 700					64,0
66,0	34,1	117,1	49 900	94 000	48,7	123,8	39 700	86 300					66,0
68,0	29,2	113,6	47 500	90 500	45,3	121,8	37 700	83 100					68,0
72,0	15,4	103,0	42 900	84 000	37,6	117,0	34 000	77 200	51,0	121,9	24 900	70 400	72,0
76,0					28,3	110,4	30 500	71 800	44,2	118,0	22 100	65 500	76,0
80,0					13,4	98,9	27 200	66 900	36,4	113,0	19 500	61 100	80,0
84,0									26,6	106,0	17 100	57 000	84,0

MLC650 VPC-MAX S-3

ASME B30.5



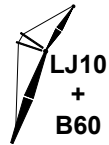
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,6	142,4	94 200 b	94 200 b									25,9
26,0	73,5	142,4	94 200 b	94 200 b									26,0
28,0	71,1	141,7	93 600	93 600									28,0
30,0	68,6	140,9	92 700	92 700									30,0
32,0	66,1	140,0	91 600	91 600	70,1	141,0	94 400	94 400					32,0
34,0	63,6	139,0	90 200	90 200	67,6	140,2	93 800	93 800					34,0
36,0	60,9	137,9	88 900	88 900	65,1	139,2	93 000	93 000					36,0
38,0	58,2	136,6	87 200	87 200	62,5	138,2	91 900	91 900					38,0
40,0	55,4	135,2	84 400	84 400	59,8	137,0	90 700	90 700	66,1	138,8	94 200	94 200	40,0
42,0	52,5	133,7	80 600	80 600	57,1	135,7	89 300	89 300	63,5	137,8	93 800	93 800	42,0
44,0	49,5	132,0	77 000	77 000	54,3	134,3	87 900	87 900	60,9	136,7	93 200	93 200	44,0
46,0	46,4	130,1	73 600	73 600	51,3	132,7	84 800	84 800	58,2	135,5	92 300	92 300	46,0
48,0	43,0	127,9	70 400	70 400	48,3	130,9	81 100	81 100	55,4	134,1	91 300	91 300	48,0
50,0	39,4	125,5	67 500	67 500	45,0	128,9	77 700	77 700	52,5	132,5	88 900	90 300	50,0
52,0	35,5	122,8	65 000	65 000	41,6	126,6	74 400	74 400	49,5	130,8	84 600	89 300	52,0
54,0	31,2	119,6	62 900	62 900	37,9	124,1	71 500	71 500	46,3	128,9	80 300	87 000	54,0
56,0	26,1	115,6	61 400	61 400	33,8	121,2	68 900	68 900	42,9	126,8	76 400	83 500	56,0
58,0	19,9	110,6	60 600	60 600	29,2	117,7	66 700	66 700	39,3	124,4	72 700	80 300	58,0
60,0					23,8	113,4	65 200	65 200	35,4	121,6	69 300	77 300	60,0
62,0					16,7	107,5	64 700	64 700	31,1	118,3	66 000	74 600	62,0
64,0									26,0	114,4	62 900	72 400	64,0
66,0									19,7	109,3	60 000	71 100	66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

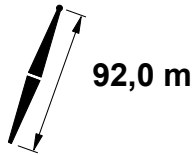
ASME B30.5



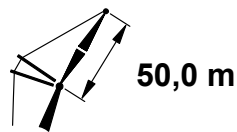
400 000 kg



360°



92,0 m

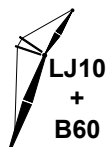


50,0 m

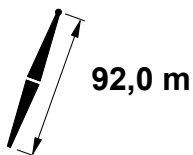
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	63,3	135,9	74 800	91 600									50,0
52,0	60,6	134,8	70 800	91 600									52,0
54,0	57,9	133,5	67 100	91 600									54,0
56,0	55,1	132,1	63 700	91 600									56,0
58,0	52,2	130,6	60 500	91 600									58,0
60,0	49,2	128,8	57 500	91 600									60,0
62,0	46,0	126,9	54 700	91 500	57,4	130,8	43 600	88 400					62,0
64,0	42,6	124,8	52 100	91 100	54,6	129,4	41 400	88 400					64,0
66,0	39,0	122,3	49 600	90 600	51,7	127,8	39 300	85 900					66,0
68,0	35,1	119,5	47 300	88 900	48,6	126,0	37 300	82 700					68,0
72,0	25,6	112,2	42 900	83 400	42,0	121,8	33 600	76 800	53,8	125,7	24 400	70 000	72,0
76,0	8,1	97,6	38 600	78 000	34,3	116,5	30 300	71 500	47,7	122,3	21 600	65 100	76,0
80,0					24,5	108,9	27 200	66 800	40,9	118,0	19 100	60 700	80,0
84,0									33,0	112,3	16 800	56 700	84,0
88,0									22,7	104,3	14 500	53 000	88,0

MLC650 VPC-MAX S-3

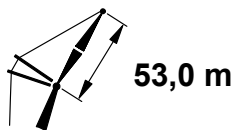
ASME B30.5



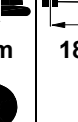
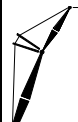
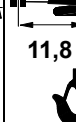
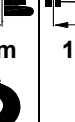
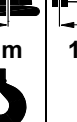
400 000 kg



92,0 m

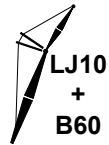


53,0 m

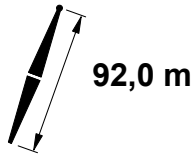
 85°					 83°					 80°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m		
25,9	74,6	145,6	88 800 b	88 800 b									25,9		
26,0	74,5	145,6	88 800 b	88 800 b									26,0		
28,0	72,2	144,9	88 400	88 400									28,0		
30,0	69,9	144,2	87 800	87 800									30,0		
32,0	67,6	143,3	86 900	86 900	71,3	144,2	89 000	89 000					32,0		
34,0	65,2	142,4	85 800	85 800	69,0	143,5	88 700	88 700					34,0		
36,0	62,7	141,3	84 500	84 500	66,6	142,6	88 000	88 000					36,0		
38,0	60,3	140,2	83 000	83 000	64,2	141,6	87 200	87 200					38,0		
40,0	57,7	138,9	81 300	81 300	61,8	140,5	86 200	86 200	67,5	142,2	88 500	88 500	40,0		
42,0	55,0	137,5	77 900	77 900	59,2	139,3	85 100	85 100	65,1	141,2	88 500	88 500	42,0		
44,0	52,3	136,0	74 400	74 400	56,6	138,0	83 800	83 800	62,7	140,2	88 100	88 100	44,0		
46,0	49,5	134,2	71 200	71 200	54,0	136,5	82 000	82 000	60,2	139,0	87 500	87 500	46,0		
48,0	46,5	132,4	68 100	68 100	51,2	134,9	78 600	78 600	57,6	137,8	86 800	86 800	48,0		
50,0	43,3	130,2	65 200	65 200	48,3	133,1	75 300	75 300	55,0	136,3	85 900	85 900	50,0		
52,0	40,0	127,9	62 600	62 600	45,2	131,2	72 100	72 100	52,3	134,8	83 300	85 000	52,0		
54,0	36,4	125,2	60 200	60 200	42,0	129,0	69 200	69 200	49,4	133,1	79 100	83 800	54,0		
56,0	32,4	122,1	58 200	58 200	38,6	126,5	66 500	66 500	46,4	131,2	75 200	81 100	56,0		
58,0	27,9	118,5	56 700	56 700	34,8	123,6	64 000	64 000	43,3	129,1	71 500	78 000	58,0		
60,0	22,5	113,9	55 700	55 700	30,7	120,3	62 000	62 000	39,9	126,7	68 100	75 000	60,0		
62,0	15,3	107,6	55 500	55 500	25,9	116,4	60 400	60 400	36,3	124,0	64 900	72 200	62,0		
64,0					20,0	111,3	59 400	59 400	32,3	120,9	61 900	69 700	64,0		
66,0									27,8	117,2	59 000	67 600	66,0		
68,0									22,4	112,7	56 300	66 000	68,0		
72,0													72,0		
76,0													76,0		
80,0													80,0		
84,0													84,0		
88,0													88,0		
92,0													92,0		

MLC650 VPC-MAX S-3

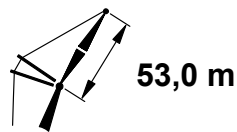
ASME B30.5



400 000 kg



92,0 m

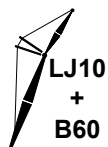


53,0 m

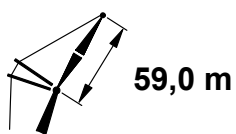
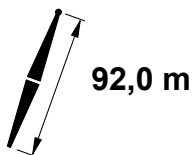
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	62,5	138,3	69 300	86 000									52,0
54,0	60,0	137,1	65 700	86 000									54,0
56,0	57,4	135,8	62 300	86 000									56,0
58,0	54,8	134,4	59 100	86 000									58,0
60,0	52,0	132,8	56 200	86 000									60,0
62,0	49,2	131,1	53 400	86 000									62,0
64,0	46,2	129,2	50 800	86 000	57,0	133,1	39 900	82 700					64,0
66,0	43,0	127,0	48 300	85 900	54,3	131,6	37 800	82 700					66,0
68,0	39,6	124,7	46 000	85 500	51,5	130,0	35 800	81 400					68,0
72,0	32,0	118,8	41 700	80 800	45,6	126,3	32 200	75 700					72,0
76,0	21,9	110,4	37 800	76 300	39,0	121,7	28 900	70 500	50,7	126,4	20 100	63 900	76,0
80,0					31,2	115,7	25 900	65 700	44,7	122,5	17 600	59 600	80,0
84,0					20,8	106,9	23 100	61 400	37,9	117,7	15 400	55 600	84,0
88,0									29,9	111,4	13 300	52 000	88,0
92,0									18,7	101,9	11 200	48 600	92,0

MLC650 VPC-MAX S-3

ASME B30.5



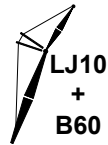
400 000 kg



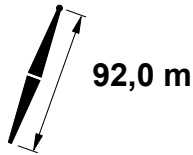
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,7	151,4	78 300	78 300									27,4
28,0	74,1	151,2	78 200	78 200									28,0
30,0	72,0	150,6	78 000	78 000									30,0
32,0	70,0	149,8	77 500	77 500									32,0
34,0	67,9	149,0	76 800	76 800	71,2	149,9	78 400	78 400					34,0
36,0	65,7	148,1	75 900	75 900	69,1	149,1	78 200	78 200					36,0
38,0	63,6	147,1	75 000	75 000	67,0	148,3	77 800	77 800					38,0
40,0	61,4	146,0	73 800	73 800	64,9	147,3	77 100	77 100					40,0
42,0	59,1	144,8	72 500	72 500	62,7	146,3	76 400	76 400	67,8	147,8	77 900	77 900	42,0
44,0	56,8	143,5	70 000	70 000	60,5	145,1	75 600	75 600	65,7	146,9	77 900	77 900	44,0
46,0	54,4	142,0	67 100	67 100	58,2	143,9	74 600	74 600	63,5	145,9	77 700	77 700	46,0
48,0	51,9	140,4	64 300	64 300	55,8	142,5	73 400	73 400	61,3	144,8	77 400	77 400	48,0
50,0	49,3	138,7	61 500	61 500	53,4	141,0	71 100	71 100	59,0	143,6	76 900	76 900	50,0
52,0	46,7	136,8	59 000	59 000	50,9	139,4	68 300	68 300	56,7	142,3	76 300	76 300	52,0
54,0	43,9	134,8	56 600	56 600	48,3	137,6	65 500	65 500	54,3	140,9	75 600	75 600	54,0
56,0	40,9	132,5	54 300	54 300	45,6	135,7	62 900	62 900	51,9	139,3	73 500	75 000	56,0
58,0	37,8	129,9	52 300	52 300	42,7	133,5	60 400	60 400	49,3	137,6	70 000	73 800	58,0
60,0	34,4	127,0	50 500	50 500	39,7	131,1	58 100	58 100	46,6	135,7	66 600	71 100	60,0
62,0	30,6	123,7	49 000	49 000	36,4	128,4	56 000	56 000	43,8	133,6	63 400	68 500	62,0
64,0	26,4	119,8	47 800	47 800	32,9	125,4	54 100	54 100	40,9	131,3	60 500	66 000	64,0
66,0	21,3	115,0	47 200	47 200	29,0	121,9	52 500	52 500	37,7	128,7	57 700	63 600	66,0
68,0	14,5	108,3	47 100	47 100	24,5	117,7	51 300	51 300	34,3	125,8	55 000	61 400	68,0
72,0									26,3	118,6	50 100	57 800	72,0
76,0									14,3	107,0	45 500	56 100	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

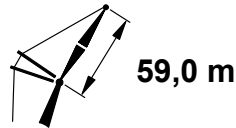
ASME B30.5



400 000 kg



92,0 m

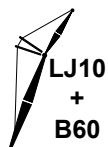


59,0 m

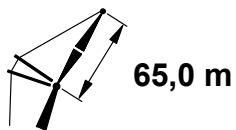
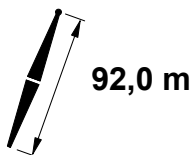
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	63,3	144,0	63 700	75 500									54,0
56,0	61,1	142,9	60 400	75 500									56,0
58,0	58,8	141,7	57 200	75 500									58,0
60,0	56,5	140,4	54 300	75 500									60,0
62,0	54,1	138,9	51 600	75 500									62,0
64,0	51,6	137,3	49 000	75 500									64,0
66,0	49,1	135,6	46 600	75 500	58,4	139,0	35 800	72 100					66,0
68,0	46,4	133,7	44 300	75 500	56,1	137,6	33 800	72 100					68,0
72,0	40,6	129,3	40 100	75 500	51,2	134,5	30 300	72 100					72,0
76,0	34,0	123,8	36 400	71 900	45,9	130,8	27 100	69 000					76,0
80,0	25,9	116,4	32 900	67 800	40,1	126,3	24 200	64 300	50,4	130,8	15 600	58 000	80,0
84,0					33,3	120,7	21 500	60 100	45,1	127,0	13 500	54 100	84,0
88,0					25,0	113,1	19 000	56 200	39,1	122,4	11 400	50 500	88,0
92,0					11,8	100,1	16 500	52 600	32,2	116,5	9 600	47 300	92,0
96,0									23,5	108,5		44 300	96,0

MLC650 VPC-MAX S-3

ASME B30.5



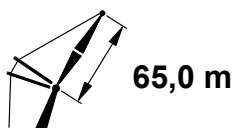
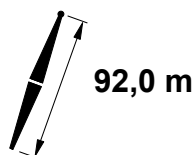
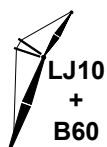
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,7	157,2	69 600	69 600									29,0
30,0	73,8	156,9	69 500	69 500									30,0
32,0	71,9	156,2	69 300	69 300									32,0
34,0	70,0	155,5	68 900	68 900									34,0
36,0	68,1	154,7	68 300	68 300	71,2	155,6	69 700	69 700					36,0
38,0	66,2	153,8	67 600	67 600	69,3	154,8	69 500	69 500					38,0
40,0	64,2	152,8	66 800	66 800	67,4	154,0	69 200	69 200					40,0
42,0	62,2	151,7	65 900	65 900	65,4	153,0	68 700	68 700					42,0
44,0	60,2	150,6	65 000	65 000	63,4	152,0	68 100	68 100	68,1	153,5	69 100	69 100	44,0
46,0	58,1	149,3	62 700	62 700	61,4	150,9	67 400	67 400	66,2	152,6	69 100	69 100	46,0
48,0	56,0	148,0	60 200	60 200	59,4	149,7	66 700	66 700	64,2	151,6	69 100	69 100	48,0
50,0	53,8	146,5	57 800	57 800	57,3	148,4	65 900	65 900	62,2	150,6	68 900	68 900	50,0
52,0	51,6	144,9	55 400	55 400	55,1	147,0	64 000	64 000	60,2	149,4	68 500	68 500	52,0
54,0	49,2	143,2	53 200	53 200	52,9	145,5	61 600	61 600	58,1	148,2	68 100	68 100	54,0
56,0	46,8	141,3	51 000	51 000	50,6	143,9	59 300	59 300	56,0	146,8	67 600	67 600	56,0
58,0	44,3	139,3	49 000	49 000	48,3	142,1	57 000	57 000	53,8	145,4	67 000	67 100	58,0
60,0	41,7	137,0	47 100	47 100	45,8	140,2	54 800	54 800	51,5	143,8	65 000	66 400	60,0
62,0	38,9	134,6	45 400	45 400	43,3	138,0	52 700	52 700	49,2	142,0	61 900	64 600	62,0
64,0	35,9	131,8	43 800	43 800	40,6	135,7	50 700	50 700	46,8	140,2	58 900	62 400	64,0
66,0	32,6	128,8	42 400	42 400	37,7	133,1	48 900	48 900	44,2	138,1	56 200	60 200	66,0
68,0	29,1	125,3	41 300	41 300	34,6	130,3	47 200	47 200	41,6	135,9	53 600	58 000	68,0
72,0	20,2	116,0	40 000	40 000	27,5	123,3	44 500	44 500	35,8	130,7	48 800	54 000	72,0
76,0					17,9	113,2	43 200	43 200	29,0	124,1	44 400	50 700	76,0
80,0									20,1	114,8	40 400	48 500	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0

MLC650 VPC-MAX S-3

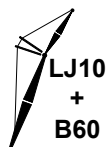
ASME B30.5



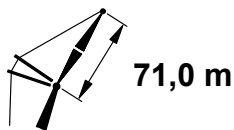
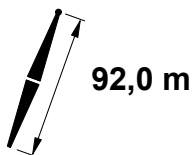
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
29,0												29,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	62,0	148,7	55 300	66 800								58,0
60,0	60,0	147,5	52 400	66 800								60,0
62,0	57,9	146,2	49 700	66 800								62,0
64,0	55,8	144,9	47 200	66 800								64,0
66,0	53,6	143,4	44 800	66 800								66,0
68,0	51,3	141,8	42 600	66 800								68,0
72,0	46,6	138,2	38 500	66 800	55,4	142,1	28 300	63 400				72,0
76,0	41,4	133,8	34 700	66 800	50,9	139,0	25 200	63 400				76,0
80,0	35,5	128,6	31 400	64 000	46,1	135,3	22 400	62 800				80,0
84,0	28,7	121,9	28 300	60 300	40,9	130,9	19 800	58 700	50,2	135,3	52 500	84,0
88,0	19,7	112,5	25 400	57 400	35,0	125,6	17 400	54 900	45,4	131,5	49 000	88,0
92,0					28,0	118,7	15 200	51 400	40,0	127,0	45 900	92,0
96,0					18,6	108,9	13 100	48 200	34,0	121,5	42 900	96,0
100,0									26,8	114,3	40 200	100,0
104,0									16,8	103,7	37 600	104,0

MLC650 VPC-MAX S-3

ASME B30.5



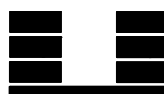
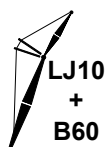
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,8	163,0	62 000	62 000									30,5
32,0	73,5	162,5	61 900	61 900									32,0
34,0	71,8	161,8	61 700	61 700									34,0
36,0	70,1	161,1	61 400	61 400									36,0
38,0	68,3	160,3	60 900	60 900	71,1	161,2	62 000	62 000					38,0
40,0	66,6	159,4	60 300	60 300	69,4	160,4	61 800	61 800					40,0
42,0	64,8	158,5	59 700	59 700	67,6	159,6	61 600	61 600					42,0
44,0	63,0	157,5	59 100	59 100	65,8	158,7	61 200	61 200					44,0
46,0	61,1	156,3	58 200	58 200	64,1	157,7	60 800	60 800	68,3	159,2	61 100	61 100	46,0
48,0	59,2	155,1	56 400	56 400	62,2	156,6	60 300	60 300	66,5	158,3	61 100	61 100	48,0
50,0	57,3	153,9	54 300	54 300	60,4	155,5	59 700	59 700	64,7	157,3	61 100	61 100	50,0
52,0	55,4	152,5	52 300	52 300	58,5	154,3	59 100	59 100	62,9	156,3	61 100	61 100	52,0
54,0	53,3	151,0	50 300	50 300	56,5	152,9	58 000	58 000	61,1	155,2	61 000	61 000	54,0
56,0	51,3	149,4	48 300	48 300	54,5	151,5	55 900	55 900	59,2	154,0	60 700	60 700	56,0
58,0	49,1	147,6	46 400	46 400	52,5	150,0	53 900	53 900	57,3	152,7	60 400	60 400	58,0
60,0	46,9	145,8	44 600	44 600	50,4	148,3	51 900	51 900	55,3	151,3	60 000	60 000	60,0
62,0	44,6	143,7	42 900	42 900	48,3	146,5	50 000	50 000	53,3	149,8	59 600	59 600	62,0
64,0	42,2	141,5	41 200	41 200	46,0	144,6	48 100	48 100	51,2	148,2	57 900	59 000	64,0
66,0	39,7	139,2	39 800	39 800	43,7	142,5	46 300	46 300	49,1	146,5	55 100	57 100	66,0
68,0	37,0	136,5	38 400	38 400	41,2	140,2	44 600	44 600	46,9	144,6	52 500	55 100	68,0
72,0	31,1	130,4	36 100	36 100	35,9	135,0	41 600	41 600	42,2	140,4	47 800	51 400	72,0
76,0	23,9	122,3	34 600	34 600	29,8	128,6	39 100	39 100	37,0	135,3	43 500	48 000	76,0
80,0	13,0	109,5	34 300	34 300	22,1	119,9	37 500	37 500	31,1	129,2	39 700	45 000	80,0
84,0									23,8	121,1	36 100	42 800	84,0
88,0									12,8	108,2	32 700	41 900	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



360°



92,0 m

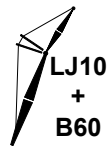


71,0 m

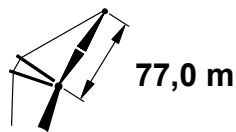
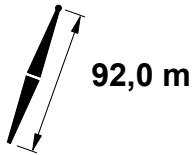
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
30,5												30,5
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	64,6	155,4	53 900	58 400								58,0
60,0	62,8	154,4	51 100	58 400								60,0
62,0	60,9	153,3	48 400	58 400								62,0
64,0	59,0	152,1	45 900	58 400								64,0
66,0	57,1	150,8	43 500	58 400								66,0
68,0	55,1	149,4	41 300	58 400								68,0
72,0	51,0	146,2	37 200	58 400	58,7	149,3	26 900	55 300				72,0
76,0	46,7	142,6	33 600	58 400	54,8	146,6	23 800	55 300				76,0
80,0	42,0	138,4	30 300	58 400	50,7	143,4	21 100	55 300				80,0
84,0	36,8	133,3	27 300	57 400	46,3	139,8	18 500	55 300	54,2	143,0	51 400	84,0
88,0	30,8	127,0	24 500	54 100	41,5	135,4	16 200	53 900	50,0	139,8	47 900	88,0
92,0	23,4	118,8	21 900	51 300	36,3	130,3	14 100	50 500	45,6	136,0	44 800	92,0
96,0	12,2	105,5	19 400	49 600	30,2	123,9	12 100	47 300	40,8	131,6	41 900	96,0
100,0					22,6	115,5	10 200	44 400	35,4	126,3	39 200	100,0
104,0									29,2	119,6	36 700	104,0
108,0									21,3	110,7	34 400	108,0

MLC650 VPC-MAX S-3

ASME B30.5



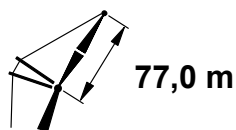
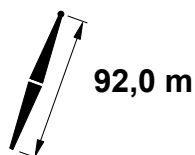
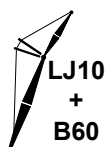
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,8	168,8	54 900	54 900									32,0
34,0	73,3	168,2	54 800	54 800									34,0
36,0	71,7	167,5	54 600	54 600									36,0
38,0	70,1	166,8	54 400	54 400									38,0
40,0	68,5	166,0	53 900	53 900	71,1	166,9	54 800	54 800					40,0
42,0	66,9	165,1	53 500	53 500	69,5	166,1	54 700	54 700					42,0
44,0	65,2	164,2	53 000	53 000	67,9	165,3	54 500	54 500					44,0
46,0	63,6	163,2	52 500	52 500	66,2	164,4	54 200	54 200					46,0
48,0	61,9	162,1	51 700	51 700	64,6	163,4	53 900	53 900	68,5	164,8	54 000	54 000	48,0
50,0	60,2	161,0	50 300	50 300	62,9	162,4	53 500	53 500	66,8	164,0	54 000	54 000	50,0
52,0	58,4	159,7	48 600	48 600	61,2	161,3	53 100	53 100	65,2	163,0	54 000	54 000	52,0
54,0	56,6	158,4	46 800	46 800	59,5	160,1	52 500	52 500	63,5	162,0	54 000	54 000	54,0
56,0	54,8	157,0	45 100	45 100	57,7	158,8	51 800	51 800	61,9	161,0	53 900	53 900	56,0
58,0	52,9	155,5	43 400	43 400	55,9	157,5	50 300	50 300	60,1	159,8	53 700	53 700	58,0
60,0	51,0	153,8	41 800	41 800	54,1	156,0	48 600	48 600	58,4	158,6	53 500	53 500	60,0
62,0	49,1	152,1	40 200	40 200	52,2	154,5	46 800	46 800	56,6	157,2	53 200	53 200	62,0
64,0	47,0	150,2	38 600	38 600	50,2	152,8	45 200	45 200	54,8	155,8	52 900	52 900	64,0
66,0	44,9	148,2	37 200	37 200	48,2	151,0	43 600	43 600	52,9	154,3	52 500	52 600	66,0
68,0	42,7	146,1	35 800	35 800	46,2	149,1	42 000	42 000	51,0	152,7	50 800	51 600	68,0
72,0	38,0	141,2	33 300	33 300	41,8	144,8	39 000	39 000	47,0	149,1	46 100	48 400	72,0
76,0	32,8	135,4	31 300	31 300	37,0	139,8	36 400	36 400	42,7	144,9	41 900	45 200	76,0
80,0	26,6	128,1	29 800	29 800	31,6	133,7	34 200	34 200	38,0	140,0	38 100	42 300	80,0
84,0	18,4	117,9	29 200	29 200	25,1	125,9	32 500	32 500	32,7	134,2	34 600	39 700	84,0
88,0					16,3	114,8	31 900	31 900	26,5	126,8	31 400	37 600	88,0
92,0									18,3	116,6	28 400	36 300	92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

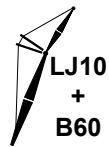
ASME B30.5



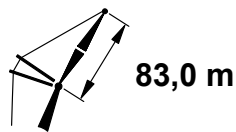
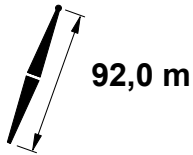
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0	63,4	160,1	46 400	51 400								62,0
64,0	61,7	159,0	43 900	51 400								64,0
66,0	60,0	157,9	41 600	51 400								66,0
68,0	58,2	156,6	39 400	51 400								68,0
72,0	54,6	153,9	35 400	51 400								72,0
76,0	50,8	150,7	31 700	51 400	57,9	153,9	21 800	48 200				76,0
80,0	46,8	147,1	28 500	51 400	54,3	151,1	19 100	48 200				80,0
84,0	42,5	142,9	25 500	51 400	50,5	147,9	16 600	48 200				84,0
88,0	37,8	138,0	22 800	50 900	46,4	144,2	14 300	48 200	53,7	147,5	44 400	88,0
92,0	32,5	132,1	20 300	48 200	42,1	140,0	12 200	48 200	49,9	144,2	43 200	92,0
96,0	26,2	124,7	18 000	45 700	37,3	135,0	10 300	45 900	45,8	140,5	40 300	96,0
100,0	17,9	114,3	15 800	43 800	32,0	129,0		43 000	41,4	136,1	37 700	100,0
104,0					25,6	121,4		40 400	36,6	131,0	35 300	104,0
108,0					17,0	110,5		37 800	31,1	124,8	33 000	108,0
112,0									24,5	116,9	30 900	112,0
116,0									15,2	105,1	28 800	116,0

MLC650 VPC-MAX S-3

ASME B30.5



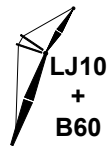
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,9	174,6	48 900	48 900									33,5
34,0	74,5	174,5	48 900	48 900									34,0
36,0	73,1	173,8	48 800	48 800									36,0
38,0	71,6	173,2	48 600	48 600									38,0
40,0	70,1	172,4	48 300	48 300									40,0
42,0	68,7	171,6	48 000	48 000	72,5	173,2	48 800	48 800					42,0
44,0	67,2	170,8	47 600	47 600	71,0	172,5	48 700	48 700					44,0
46,0	65,6	169,9	47 100	47 100	69,5	171,8	48 600	48 600					46,0
48,0	64,1	168,9	46 600	46 600	68,1	170,9	48 500	48 500					48,0
50,0	62,5	167,9	46 100	46 100	66,5	170,1	48 200	48 200					50,0
52,0	61,0	166,7	45 000	45 000	65,0	169,1	48 000	48 000	68,6	170,5	47 900	47 900	52,0
54,0	59,4	165,6	43 500	43 500	63,5	168,1	47 600	47 600	67,1	169,6	47 900	47 900	54,0
56,0	57,7	164,3	42 000	42 000	61,9	167,0	47 200	47 200	65,6	168,7	47 900	47 900	56,0
58,0	56,0	162,9	40 600	40 600	60,3	165,9	46 800	46 800	64,1	167,8	47 900	47 900	58,0
60,0	54,3	161,5	39 100	39 100	58,7	164,7	46 300	46 300	62,5	166,7	47 900	47 900	60,0
62,0	52,6	160,0	37 700	37 700	57,0	163,4	45 200	45 200	60,9	165,6	47 800	47 800	62,0
64,0	50,8	158,3	36 300	36 300	55,4	162,0	43 700	43 700	59,3	164,4	47 600	47 600	64,0
66,0	49,0	156,6	35 000	35 000	53,7	160,5	42 300	42 300	57,7	163,1	47 400	47 400	66,0
68,0	47,1	154,7	33 700	33 700	51,9	158,9	40 900	40 900	56,0	161,8	47 100	47 100	68,0
72,0	43,2	150,6	31 300	31 300	50,1	157,3	39 500	39 500	54,3	160,3	46 800	46 800	72,0
76,0	38,9	145,9	29 100	29 100	46,3	153,6	36 800	36 800	50,8	157,2	45 100	45 400	76,0
80,0	34,1	140,3	27 300	27 300	42,3	149,3	34 300	34 300	47,1	153,6	40 900	42 600	80,0
84,0	28,7	133,5	25 900	25 900	38,0	144,4	32 000	32 000	43,1	149,4	37 100	40 000	84,0
88,0	22,0	124,6	25 100	25 100	33,1	138,6	30 000	30 000	38,8	144,7	33 700	37 400	88,0
92,0	12,0	110,7	25 000	25 000	27,4	131,5	28 500	28 500	34,1	139,1	30 600	35 200	92,0
96,0					20,4	122,1	27 600	27 600	28,6	132,3	27 700	33 300	96,0
100,0					8,5	105,5	27 500	27 500	21,9	123,4	25 000	31 800	100,0
104,0									11,8	109,4	22 400	31 400	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



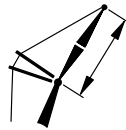
400 000 kg



360°



92,0 m

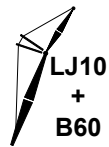


83,0 m

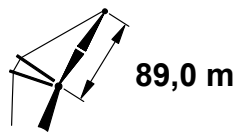
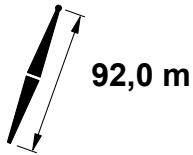
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	63,9	165,9	42 500	45 600								64,0
66,0	62,4	164,8	40 200	45 600								66,0
68,0	60,8	163,7	38 100	45 600								68,0
72,0	57,5	161,2	34 100	45 600								72,0
76,0	54,2	158,4	30 500	45 600								76,0
80,0	50,6	155,2	27 300	45 600	57,2	158,5	17 700	42 500				80,0
84,0	46,9	151,6	24 400	45 600	53,9	155,6	15 200	42 500				84,0
88,0	42,9	147,4	21 700	45 600	50,3	152,4	13 000	42 500				88,0
92,0	38,6	142,6	19 300	45 300	46,6	148,7	11 000	42 500	53,3	152,0	39 600	92,0
96,0	33,9	137,0	17 000	43 100	42,6	144,5	9 100	42 500	49,8	148,7	39 300	96,0
100,0	28,4	130,1	14 900	40 800	38,2	139,7		42 000	46,0	145,0	36 700	100,0
104,0	21,6	121,1	12 900	39 000	33,4	133,9		39 500	41,9	140,7	34 300	104,0
108,0	11,2	106,7	10 900	38 000	27,8	126,9		37 000	37,5	135,7	32 000	108,0
112,0					20,9	117,7		34 700	32,6	129,8	29 900	112,0
116,0									26,9	122,5	28 000	116,0
120,0									19,6	112,8	26 100	120,0

MLC650 VPC-MAX S-3

ASME B30.5



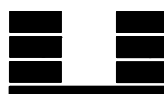
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,9	180,4	42 000	42 000									35,1
36,0	74,2	180,1	42 000	42 000									36,0
38,0	72,9	179,5	41 900	41 900									38,0
40,0	71,5	178,8	41 700	41 700									40,0
42,0	70,2	178,1	41 500	41 500									42,0
					72,3	178,9	41 800	41 800					
44,0	68,8	177,3	41 200	41 200	71,0	178,2	41 700	41 700					44,0
46,0	67,4	176,5	40 900	40 900	69,6	177,4	41 700	41 700					46,0
48,0	66,0	175,6	40 600	40 600	68,2	176,6	41 500	41 500					48,0
50,0	64,5	174,6	40 200	40 200	66,8	175,8	41 300	41 300					50,0
52,0	63,1	173,6	39 800	39 800	65,4	174,8	41 100	41 100	68,8	176,2	40 800	40 800	52,0
54,0	61,6	172,5	39 400	39 400	64,0	173,8	40 800	40 800	67,4	175,3	40 800	40 800	54,0
56,0	60,1	171,4	38 600	38 600	62,5	172,8	40 500	40 500	65,9	174,4	40 800	40 800	56,0
58,0	58,6	170,1	37 400	37 400	61,0	171,7	40 200	40 200	64,5	173,5	40 800	40 800	58,0
60,0	57,1	168,8	36 200	36 200	59,5	170,5	39 900	39 900	63,1	172,4	40 800	40 800	60,0
62,0	55,5	167,5	35 000	35 000	58,0	169,3	39 600	39 600	61,6	171,4	40 800	40 800	62,0
64,0	53,9	166,0	33 800	33 800	56,5	167,9	39 000	39 000	60,1	170,2	40 700	40 700	64,0
66,0	52,3	164,5	32 600	32 600	54,9	166,5	37 900	37 900	58,6	169,0	40 500	40 500	66,0
68,0	50,7	162,8	31 500	31 500	53,3	165,0	36 700	36 700	57,1	167,7	40 300	40 300	68,0
72,0	47,2	159,2	29 300	29 300	50,0	161,8	34 400	34 400	53,9	164,8	39 900	39 900	72,0
76,0	43,5	155,1	27 300	27 300	46,5	158,1	32 200	32 200	50,6	161,6	39 000	39 400	76,0
80,0	39,6	150,5	25 400	25 400	42,7	153,9	30 000	30 000	47,2	158,0	35 300	37 400	80,0
84,0	35,2	145,1	23 800	23 800	38,7	149,1	28 100	28 100	43,5	154,0	31 900	35 200	84,0
88,0	30,4	138,7	22 500	22 500	34,3	143,5	26 400	26 400	39,5	149,3	28 800	33 100	88,0
92,0	24,6	130,7	21 600	21 600	29,3	136,8	25 000	25 000	35,2	143,9	26 000	31 200	92,0
96,0	17,1	119,7	21 300	21 300	23,3	128,4	23 900	23 900	30,3	137,5	23 400	29 500	96,0
100,0					15,1	116,4	23 600	23 600	24,6	129,5	20 900	28 100	100,0
104,0									17,0	118,4	18 600	27 300	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

ASME B30.5



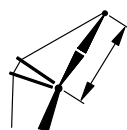
400 000 kg



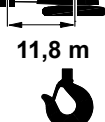
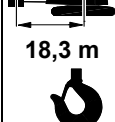
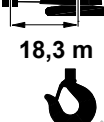
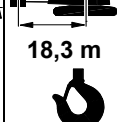
360°



92,0 m

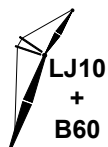


89,0 m

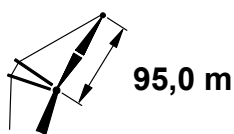
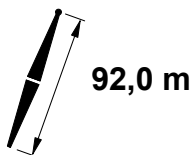
	 75°				 70°			 65°			
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 18,3 m  kg	 °	 m	 18,3 m  kg	 m
35,1											35,1
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0	64,4	171,6	38 000	38 500							66,0
68,0	62,9	170,5	36 000	38 500							68,0
72,0	60,0	168,3	32 000	38 500							72,0
76,0	56,9	165,7	28 500	38 500							76,0
80,0	53,8	162,9	25 300	38 500							80,0
84,0	50,5	159,7	22 400	38 500	56,7	163,0	35 800				84,0
88,0	47,0	156,1	19 800	38 500	53,5	160,1	35 800				88,0
92,0	43,3	152,0	17 400	38 500	50,2	156,9	35 800				92,0
96,0	39,3	147,3	15 200	38 500	46,7	153,2	35 800	53,0	156,5	33 000	96,0
100,0	35,0	141,8	13 100	38 200	43,0	149,1	35 800	49,7	153,2	33 000	100,0
104,0	30,1	135,3	11 200	36 400	39,0	144,3	35 800	46,1	149,5	32 700	104,0
108,0	24,3	127,3	9 400	34 800	34,6	138,8	35 500	42,4	145,2	30 500	108,0
112,0	16,6	116,0		33 600	29,6	132,2	33 300	38,3	140,4	28 400	112,0
116,0					23,7	123,9	31 200	33,9	134,7	26 500	116,0
120,0					15,7	112,2	29 200	28,8	127,9	24 700	120,0
124,0								22,7	119,3	23 000	124,0
128,0								14,1	106,6	21 300	128,0

MLC650 VPC-MAX S-3

ASME B30.5



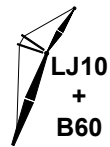
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,9	186,2	37 100	37 100									36,6
38,0	74,0	185,8	37 100	37 100									38,0
40,0	72,7	185,2	36 900	36 900									40,0
42,0	71,5	184,5	36 700	36 700									42,0
44,0	70,2	183,8	36 500	36 500									44,0
46,0	68,9	183,0	36 300	36 300	71,0	183,8	36 700	36 700					46,0
48,0	67,6	182,2	36 000	36 000	69,7	183,1	36 600	36 600					48,0
50,0	66,3	181,3	35 700	35 700	68,4	182,3	36 500	36 500					50,0
52,0	64,9	180,3	35 400	35 400	67,1	181,4	36 300	36 300					52,0
54,0	63,6	179,3	35 100	35 100	65,7	180,5	36 100	36 100	68,9	181,8	35 900	35 900	54,0
56,0	62,2	178,3	34 700	34 700	64,4	179,6	35 900	35 900	67,6	181,0	35 900	35 900	56,0
58,0	60,8	177,1	34 200	34 200	63,0	178,5	35 600	35 600	66,2	180,1	35 900	35 900	58,0
60,0	59,4	176,0	33 200	33 200	61,7	177,5	35 400	35 400	64,9	179,2	35 900	35 900	60,0
62,0	58,0	174,7	32 200	32 200	60,3	176,3	35 100	35 100	63,6	178,2	35 800	35 800	62,0
64,0	56,6	173,4	31 200	31 200	58,9	175,1	34 800	34 800	62,2	177,1	35 700	35 700	64,0
66,0	55,1	172,0	30 200	30 200	57,4	173,8	34 500	34 500	60,8	176,0	35 600	35 600	66,0
68,0	53,6	170,5	29 200	29 200	56,0	172,5	33 800	33 800	59,4	174,8	35 500	35 500	68,0
72,0	50,5	167,3	27 200	27 200	53,0	169,5	31 900	31 900	56,5	172,2	35 100	35 100	72,0
76,0	47,3	163,7	25 300	25 300	49,9	166,2	29 900	29 900	53,6	169,3	34 800	34 800	76,0
80,0	43,8	159,7	23 600	23 600	46,6	162,6	28 000	28 000	50,5	166,1	34 000	34 300	80,0
84,0	40,2	155,1	22 000	22 000	43,1	158,4	26 200	26 200	47,2	162,5	30 900	32 700	84,0
88,0	36,2	149,8	20 600	20 600	39,4	153,7	24 500	24 500	43,8	158,5	27 800	30 900	88,0
92,0	31,8	143,7	19 500	19 500	35,3	148,3	23 000	23 000	40,1	153,9	25 000	29 100	92,0
96,0	26,7	136,3	18 500	18 500	30,8	142,0	21 700	21 700	36,1	148,7	22 400	27 400	96,0
100,0	20,5	126,8	18 100	18 100	25,6	134,3	20 800	20 800	31,7	142,5	20 000	25 900	100,0
104,0	11,2	111,9	18 000	18 000	19,0	124,1	20 200	20 200	26,7	135,1	17 800	24 700	104,0
108,0					8,0	106,3	19 900	20 200	20,4	125,6	15 700	23 800	108,0
112,0									11,0	110,5	13 600	23 500	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0

MLC650 VPC-MAX S-3

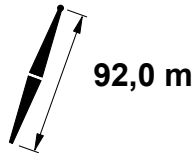
ASME B30.5



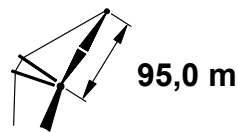
400 000 kg



360°



92,0 m

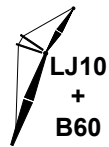


95,0 m

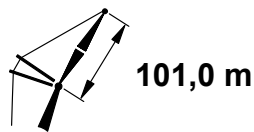
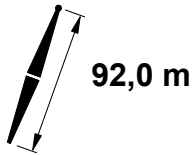
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m	
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0												68,0
72,0	62,1	175,2	30 700	33 600								72,0
76,0	59,3	172,9	27 200	33 600								76,0
80,0	56,4	170,3	24 100	33 600								80,0
84,0	53,4	167,4	21 200	33 600	59,0	170,2	30 900					84,0
88,0	50,3	164,2	18 600	33 600	56,2	167,5	30 900					88,0
92,0	47,1	160,5	16 200	33 600	53,2	164,6	30 900					92,0
96,0	43,6	156,5	14 000	33 600	50,1	161,3	30 900					96,0
100,0	40,0	151,9	12 000	33 600	46,8	157,7	30 900	52,7	161,0	28 200	100,0	100,0
104,0	36,0	146,6	10 100	33 500	43,3	153,6	30 900	49,6	157,7	28 200	104,0	104,0
108,0	31,5	140,4		32 300	39,6	148,9	30 900	46,3	154,0	28 200	108,0	108,0
112,0	26,4	133,0		30 900	35,6	143,6	30 900	42,8	149,8	27 400	112,0	112,0
116,0	20,1	123,3		29 700	31,1	137,3	30 300	39,0	145,0	25 500	116,0	116,0
120,0	10,4	107,8		28 200	25,9	129,7	28 400	35,0	139,5	23 700	120,0	120,0
124,0					19,4	119,7	26 400	30,4	133,1	22 100	124,0	124,0
128,0					9,0	103,0	24 200	25,0	125,2	20 500	128,0	128,0
132,0								18,3	114,7	19 000	132,0	132,0

MLC650 VPC-MAX S-3

ASME B30.5



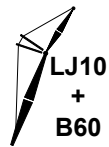
400 000 kg



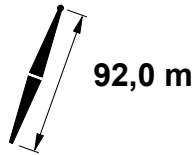
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
38,1	74,9	192,0	32 200	32 200									38,1
40,0	73,8	191,5	32 100	32 100									40,0
42,0	72,6	190,8	32 000	32 000									42,0
44,0	71,4	190,2	31 800	31 800									44,0
46,0	70,2	189,4	31 600	31 600	72,1	190,2	31 800	31 800					46,0
48,0	69,0	188,7	31 400	31 400	70,9	189,5	31 700	31 700					48,0
50,0	67,8	187,8	31 200	31 200	69,7	188,7	31 600	31 600					50,0
52,0	66,5	187,0	30 900	30 900	68,5	188,0	31 500	31 500					52,0
54,0	65,3	186,0	30 700	30 700	67,3	187,1	31 400	31 400					54,0
56,0	64,0	185,0	30 400	30 400	66,0	186,2	31 200	31 200	69,0	187,5	30 900	30 900	56,0
58,0	62,7	184,0	30 100	30 100	64,8	185,3	31 000	31 000	67,7	186,7	30 900	30 900	58,0
60,0	61,4	182,9	29 700	29 700	63,5	184,3	30 800	30 800	66,5	185,8	30 900	30 900	60,0
62,0	60,1	181,8	29 000	29 000	62,2	183,2	30 600	30 600	65,3	184,9	30 900	30 900	62,0
64,0	58,8	180,5	28 200	28 200	60,9	182,1	30 400	30 400	64,0	183,9	30 800	30 800	64,0
66,0	57,5	179,3	27 300	27 300	59,6	180,9	30 100	30 100	62,7	182,9	30 700	30 700	66,0
68,0	56,1	177,9	26 400	26 400	58,3	179,7	29 900	29 900	61,4	181,8	30 600	30 600	68,0
72,0	53,3	175,0	24 700	24 700	55,5	177,0	28 900	28 900	58,8	179,4	30 400	30 400	72,0
76,0	50,4	171,8	23 100	23 100	52,7	174,0	27 200	27 200	56,1	176,8	30 100	30 100	76,0
80,0	47,3	168,2	21 500	21 500	49,8	170,7	25 600	25 600	53,3	173,8	29 800	29 800	80,0
84,0	44,1	164,2	20 000	20 000	46,7	167,0	23 900	23 900	50,3	170,6	29 100	29 400	84,0
88,0	40,7	159,7	18 600	18 600	43,4	162,9	22 400	22 400	47,3	167,0	26 100	28 200	88,0
92,0	37,0	154,6	17 400	17 400	40,0	158,3	21 000	21 000	44,1	163,0	23 300	26 600	92,0
96,0	33,0	148,7	16 400	16 400	36,2	153,1	19 700	19 700	40,7	158,5	20 800	25 100	96,0
100,0	28,4	141,7	15 500	15 500	32,1	147,0	18 500	18 500	37,0	153,4	18 400	23 700	100,0
104,0	23,1	133,2	15 000	15 000	27,4	139,8	17 600	17 600	32,9	147,5	16 200	22 400	104,0
108,0	16,0	121,4	14 800	14 800	21,8	130,8	17 000	17 000	28,4	140,5	14 100	21 300	108,0
112,0					14,2	117,9	16 500	16 800	23,0	131,9	12 200	20 400	112,0
116,0									15,9	120,1	10 300	19 200	116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0
140,0													140,0

MLC650 VPC-MAX S-3

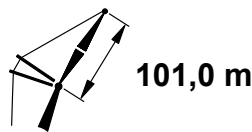
ASME B30.5



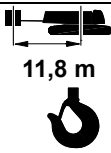
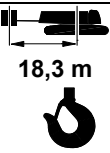
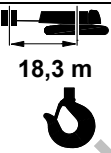
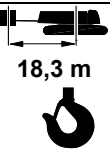
400 000 kg



92,0 m

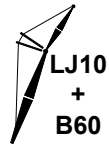


101,0 m

	 75°				 70°			 65°			
 m	 °	 m	 11,8 m kg	 18,3 m kg	 °	 m	 18,3 m kg	 °	 m	 18,3 m kg	 m
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0											66,0
68,0											68,0
72,0	63,9	182,0	28 400	28 700							72,0
76,0	61,3	179,8	25 300	28 700							76,0
80,0	58,7	177,5	22 100	28 700							80,0
84,0	55,9	174,8	19 300	28 700							84,0
88,0	53,1	171,9	16 700	28 700	58,4	174,7	26 200				88,0
92,0	50,2	168,6	14 400	28 700	55,7	172,1	26 200				92,0
96,0	47,2	165,0	12 200	28 700	52,9	169,1	26 200				96,0
100,0	43,9	161,0	10 200	28 700	49,9	165,8	26 200				100,0
104,0	40,5	156,5		28 700	46,9	162,2	26 200	52,4	165,5	23 400	104,0
108,0	36,8	151,3		28 700	43,6	158,1	26 200	49,5	162,1	23 400	108,0
112,0	32,8	145,4		27 800	40,2	153,5	26 200	46,4	158,4	23 400	112,0
116,0	28,2	138,4		25 300	36,5	148,3	26 200	43,1	154,3	23 400	116,0
120,0	22,7	129,7		22 800	32,4	142,3	26 200	39,6	149,6	22 200	120,0
124,0	15,5	117,6		20 300	27,7	135,2	24 600	35,9	144,3	20 600	124,0
128,0					22,2	126,3	22 600	31,7	138,2	19 100	128,0
132,0					14,7	113,7	20 600	27,0	130,8	17 500	132,0
136,0								21,2	121,5	15 900	136,0
140,0								13,2	108,0	14 300	140,0

MLC650 VPC-MAX S-3

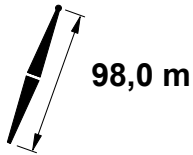
ASME B30.5



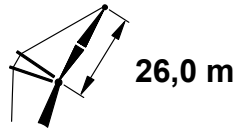
400 000 kg



360°



98,0 m

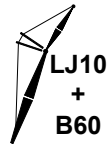


26,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,3	125,3	139 900 d	139 900 d									19,8
20,0	72,9	125,3	139 200 d	139 200 d									20,0
22,0	68,1	124,4	133 200 d	133 200 d									22,0
24,0	63,1	123,4	131 300 c	131 300 c									24,0
26,0	57,9	122,1	129 000 c	129 000 c	66,7	123,8	134 000 d	134 000 d					26,0
28,0	52,4	120,6	126 600 b	126 600 b	61,6	122,7	132 200 c	132 200 c					28,0
30,0	46,3	118,7	125 200	125 200	56,3	121,3	130 000 b	130 000 b					30,0
32,0	39,4	116,3	122 500	122 500	50,6	119,7	127 500 b	127 500 b	64,4	122,5	134 200 c	134 200 c	32,0
34,0	31,2	113,1	121 500	121 500	44,3	117,6	125 500	125 500	59,2	121,3	132 700 c	132 700 c	34,0
36,0	19,6	108,3	119 600	119 600	37,1	115,0	124 300	124 300	53,7	119,8	130 800 b	130 800 b	36,0
38,0					28,2	111,5	124 100	124 100	47,8	118,0	129 300 b	129 300 b	38,0
40,0									41,1	115,7	123 100	127 100	40,0
42,0									33,3	112,8	115 800	126 300	42,0
44,0									22,9	108,5	108 900	126 300	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

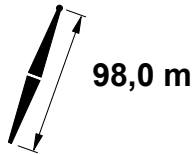
ASME B30.5



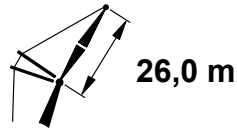
400 000 kg



360°



98,0 m

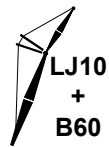


26,0 m

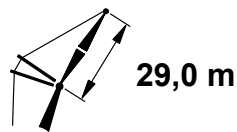
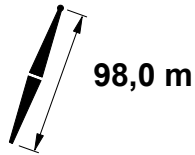
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	60,1	119,5	99 000 b	133 100 b									42,0
44,0	54,7	118,1	93 300 b	132 200 b									44,0
46,0	48,8	116,4	88 100 b	130 800 b									46,0
48,0	42,3	114,2	83 300	129 700									48,0
50,0	34,8	111,4	78 700	128 500									50,0
52,0	25,0	107,5	74 500	126 300	55,1	115,6	61 700 b	119 200 b					52,0
54,0					49,3	113,8	58 400 b	113 900 b					54,0
56,0					42,8	111,7	55 400	109 000					56,0
58,0					35,4	109,0	52 500	104 400					58,0
60,0					25,9	105,1	49 700	100 100					60,0
62,0									48,9	110,4	37 000 b	88 400 b	62,0
64,0									42,4	108,2	35 000	84 900	64,0
66,0									34,9	105,4	33 100	81 700	66,0
68,0									25,2	101,5	31 200	78 500	68,0

MLC650 VPC-MAX S-3

ASME B30.5



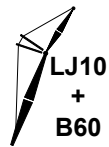
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	71,9	128,0	125 300 d	125 300 d									21,3
22,0	70,5	127,7	124 800 d	124 800 d									22,0
24,0	66,2	126,8	123 300 c	123 300 c									24,0
26,0	61,7	125,7	121 400 c	121 400 c	69,2	127,1	125 400 c	125 400 c					26,0
28,0	56,9	124,4	119 200 b	119 200 b	64,8	126,1	124 200 c	124 200 c					28,0
30,0	51,9	122,8	117 400	117 400	60,3	124,9	122 400 b	122 400 b					30,0
32,0	46,5	120,9	114 500	114 500	55,5	123,5	120 300 b	120 300 b	67,2	125,8	125 700 c	125 700 c	32,0
34,0	40,4	118,6	113 000	113 000	50,3	121,9	118 300	118 300	62,8	124,8	124 700 c	124 700 c	34,0
36,0	33,4	115,6	110 400	110 400	44,7	119,9	116 600	116 600	58,1	123,5	123 200 b	123 200 b	36,0
38,0	24,4	111,6	107 600	107 600	38,4	117,4	115 000	115 000	53,1	122,0	121 400 b	121 400 b	38,0
40,0					31,0	114,2	113 900	113 900	47,8	120,2	119 400	119 600	40,0
42,0					21,0	109,6	111 600	111 600	41,9	118,0	114 700	118 100	42,0
44,0									35,2	115,2	108 100	117 100	44,0
46,0									26,9	111,5	102 000	117 000	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

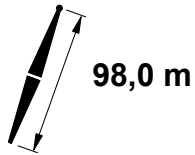
ASME B30.5



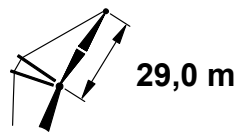
400 000 kg



360°



98,0 m

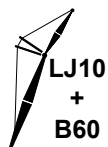


29,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	58,9	121,8	91 800 b	124 000 b									44,0
46,0	54,0	120,3	86 600 b	122 900 b									46,0
48,0	48,8	118,6	81 900	121 900									48,0
50,0	43,0	116,5	77 500	120 600									50,0
52,0	36,4	113,8	73 400	119 600	59,2	119,2	60 100 b	117 900 b					52,0
54,0	28,5	110,3	69 500	117 900	54,4	117,8	56 900 b	112 700 b					54,0
56,0	16,9	104,8	65 700	113 300	49,1	116,1	53 900	107 800					56,0
58,0					43,4	114,0	51 100	103 300					58,0
60,0					36,9	111,4	48 500	99 100					60,0
62,0					29,1	107,9	45 900	95 100					62,0
64,0					18,0	102,7	43 400	91 200	48,8	112,6	33 400	83 700	64,0
66,0									43,0	110,5	31 600	80 500	66,0
68,0									36,5	107,8	29 900	77 400	68,0

MLC650 VPC-MAX S-3

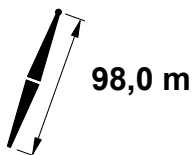
ASME B30.5



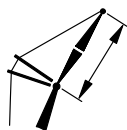
400 000 kg



360°



98,0 m

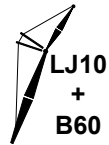


32,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,7	131,2	118 800 d	118 800 d									21,3
22,0	72,4	130,9	118 800 d	118 800 d									22,0
24,0	68,6	130,1	117 200 c	117 200 c									24,0
26,0	64,6	129,2	115 300 c	115 300 c	71,3	130,3	122 000 c	122 000 c					26,0
28,0	60,5	128,0	113 200 b	113 200 b	67,4	129,5	117 700 c	117 700 c					28,0
30,0	56,1	126,6	110 900	110 900	63,4	128,4	116 300 b	116 300 b					30,0
32,0	51,6	125,1	109 500	109 500	59,2	127,2	114 500 b	114 500 b	69,5	129,1	118 500 c	118 500 c	32,0
34,0	46,7	123,2	106 800	106 800	54,8	125,8	112 500 b	112 500 b	65,6	128,2	118 100 b	118 100 b	34,0
36,0	41,3	120,9	104 500	104 500	50,1	124,1	110 600	110 600	61,5	127,1	117 000 b	117 000 b	36,0
38,0	35,1	118,1	100 900	100 900	45,1	122,1	108 700	108 700	57,2	125,8	115 500 b	115 500 b	38,0
40,0	27,8	114,5	98 000	98 000	39,5	119,8	107 200	107 200	52,7	124,3	114 000	114 000	40,0
42,0	17,4	109,1	97 000	97 000	33,1	116,8	104 600	104 600	47,9	122,4	112 400	112 400	42,0
44,0					25,1	112,8	101 700	101 700	42,6	120,3	107 600	110 700	44,0
46,0									36,7	117,7	101 600	109 800	46,0
48,0									29,7	114,3	96 100	108 900	48,0
50,0									20,4	109,5	90 800	107 000	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

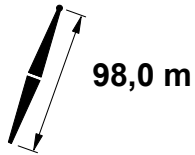
ASME B30.5



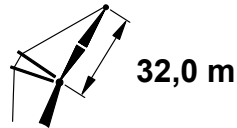
400 000 kg



360°



98,0 m

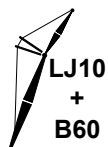


32,0 m

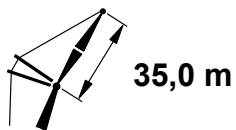
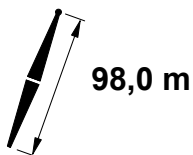
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	62,2	125,4	90 900 b	116 700 b									44,0
46,0	58,0	124,1	85 800 b	116 400 b									46,0
48,0	53,5	122,6	81 100 b	115 600 b									48,0
50,0	48,7	120,8	76 800	114 600									50,0
52,0	43,5	118,8	72 800	113 500									52,0
54,0	37,8	116,2	69 000	112 600	58,3	121,5	56 000	111 900					54,0
56,0	31,0	113,0	65 500	111 700	53,8	120,1	53 100	107 100					56,0
58,0	22,3	108,6	62 100	108 100	49,1	118,3	50 300	102 600					58,0
60,0					43,9	116,3	47 800	98 400					60,0
62,0					38,2	113,8	45 300	94 500					62,0
64,0					31,5	110,6	43 000	90 800	53,5	116,6	32 500	82 900	64,0
66,0					23,0	106,3	40 700	87 300	48,8	114,9	30 800	79 800	66,0
68,0									43,6	112,8	29 100	76 800	68,0
72,0									31,1	107,0	25 900	71 300	72,0

MLC650 VPC-MAX S-3

ASME B30.5



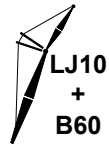
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,5	133,8	111 100 c	111 100 c									22,9
24,0	70,5	133,4	110 500 c	110 500 c									24,0
26,0	66,9	132,5	109 200 b	109 200 b									26,0
28,0	63,3	131,5	107 500 b	107 500 b	69,5	132,7	111 300 c	111 300 c					28,0
30,0	59,4	130,3	105 400	105 400	65,9	131,8	110 200 b	110 200 b					30,0
32,0	55,5	128,9	103 200	103 200	62,1	130,7	108 700 b	108 700 b					32,0
34,0	51,3	127,3	101 300	101 300	58,3	129,5	107 000	107 000	67,8	131,5	111 400 b	111 400 b	34,0
36,0	46,8	125,4	99 600	99 600	54,2	128,0	105 400	105 400	64,2	130,5	110 800 b	110 800 b	36,0
38,0	41,9	123,2	96 100	96 100	50,0	126,3	103 200	103 200	60,4	129,4	109 600 b	109 600 b	38,0
40,0	36,4	120,5	92 300	92 300	45,4	124,4	101 600	101 600	56,4	128,0	108 200	108 200	40,0
42,0	30,1	117,2	89 400	89 400	40,3	122,0	99 500	99 500	52,3	126,5	106 900	106 900	42,0
44,0	22,0	112,7	87 800	87 800	34,7	119,2	96 000	96 000	47,9	124,7	105 100	105 100	44,0
46,0					27,9	115,6	93 100	93 100	43,1	122,5	100 500	103 700	46,0
48,0					18,9	110,5	91 800	91 800	37,8	120,0	95 000	102 800	48,0
50,0									31,7	116,9	90 000	100 900	50,0
52,0									24,2	112,7	85 200	98 300	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

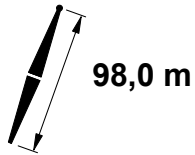
ASME B30.5



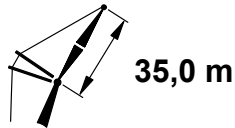
400 000 kg



360°



98,0 m

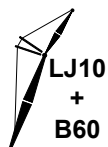


35,0 m

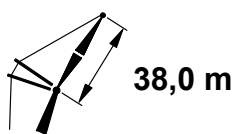
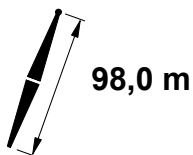
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,0	127,6	84 200	109 700									46,0
48,0	57,1	126,3	79 600	109 400									48,0
50,0	53,0	124,8	75 300	108 800									50,0
52,0	48,7	123,1	71 400	107 600									52,0
54,0	44,0	121,0	67 700	106 600									54,0
56,0	38,8	118,5	64 200	105 800	57,4	123,8	51 500	105 400					56,0
58,0	32,9	115,5	61 000	105 100	53,3	122,3	48 800	101 300					58,0
60,0	25,7	111,6	57 900	102 600	49,0	120,5	46 300	97 200					60,0
62,0	15,2	105,5	54 800	98 800	44,3	118,5	43 900	93 300					62,0
64,0					39,2	116,1	41 600	89 700					64,0
66,0					33,3	113,1	39 500	86 300	53,1	118,8	29 200	78 500	66,0
68,0					26,2	109,3	37 400	83 000	48,7	117,1	27 500	75 600	68,0
72,0									38,8	112,6	24 500	70 100	72,0
76,0									25,7	105,6	21 600	65 200	76,0

MLC650 VPC-MAX S-3

ASME B30.5



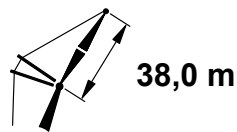
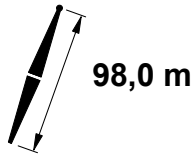
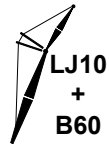
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,9	137,0	108 600 c	108 600 c									22,9
24,0	72,1	136,6	105 900 c	105 900 c									24,0
26,0	68,9	135,8	104 100 b	104 100 b									26,0
28,0	65,6	134,9	102 700 b	102 700 b	71,2	136,0	105 700 c	105 700 c					28,0
30,0	62,2	133,8	100 900 b	100 900 b	67,9	135,1	105 000 b	105 000 b					30,0
32,0	58,6	132,6	98 900	98 900	64,6	134,2	103 800 b	103 800 b					32,0
34,0	54,9	131,1	97 000	97 000	61,1	133,1	102 300 b	102 300 b					34,0
36,0	51,0	129,5	95 200	95 200	57,5	131,8	100 500	100 500	66,4	133,9	105 400 b	105 400 b	36,0
38,0	46,9	127,7	92 800	92 800	53,8	130,3	98 800	98 800	63,0	132,9	104 600 b	104 600 b	38,0
40,0	42,5	125,5	88 900	88 900	49,8	128,6	97 200	97 200	59,5	131,7	103 500	103 500	40,0
42,0	37,6	122,9	85 400	85 400	45,6	126,7	95 700	95 700	55,8	130,3	102 100	102 100	42,0
44,0	32,0	119,8	82 500	82 500	41,1	124,4	92 700	92 700	52,0	128,7	100 700	100 700	44,0
46,0	25,3	115,8	80 600	80 600	36,0	121,7	89 100	89 100	47,9	126,9	99 000	99 300	46,0
48,0	15,7	109,8	80 100	80 100	30,2	118,4	86 300	86 300	43,6	124,8	95 300	98 000	48,0
50,0					22,9	114,0	84 400	84 400	38,8	122,4	90 300	97 100	50,0
52,0									33,4	119,4	85 600	94 300	52,0
54,0									27,0	115,7	81 300	91 500	54,0
56,0									18,5	110,4	77 200	89 900	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

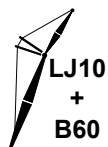
ASME B30.5



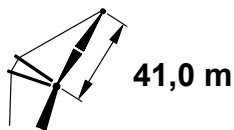
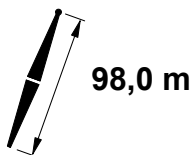
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,6	131,1	84 200	103 800									46,0
48,0	60,1	130,0	79 600	103 800									48,0
50,0	56,5	128,6	75 400	103 500									50,0
52,0	52,7	127,1	71 400	102 800									52,0
54,0	48,6	125,3	67 800	101 900									54,0
56,0	44,3	123,3	64 400	101 000									56,0
58,0	39,6	120,9	61 200	100 200	56,7	126,1	48 800	100 500					58,0
60,0	34,4	118,0	58 200	99 600	52,9	124,5	46 300	97 100					60,0
62,0	28,2	114,5	55 400	98 200	48,9	122,8	44 000	93 300					62,0
64,0	20,2	109,6	52 600	95 000	44,7	120,8	41 700	89 700					64,0
66,0					40,0	118,4	39 600	86 300					66,0
68,0					34,8	115,6	37 600	83 100	52,7	121,1	27 500	75 500	68,0
72,0					20,9	107,3	33 800	77 100	44,4	117,3	24 500	70 100	72,0
76,0									34,5	112,1	21 800	65 300	76,0
80,0									20,3	103,6	19 100	60 800	80,0

MLC650 VPC-MAX S-3

ASME B30.5



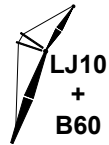
400 000 kg



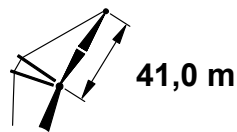
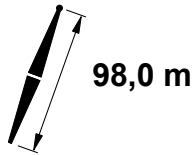
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,9	139,6	99 200 c	99 200 c									24,4
26,0	70,5	139,0	98 600 b	98 600 b									26,0
28,0	67,5	138,2	97 400 b	97 400 b									28,0
30,0	64,4	137,2	95 900	95 900	69,6	138,4	99 300 b	99 300 b					30,0
32,0	61,2	136,1	94 200	94 200	66,6	137,5	98 500 b	98 500 b					32,0
34,0	57,9	134,8	92 400	92 400	63,4	136,5	97 200	97 200					34,0
36,0	54,4	133,4	90 600	90 600	60,2	135,3	95 700	95 700	68,2	137,2	99 400 b	99 400 b	36,0
38,0	50,8	131,7	89 000	89 000	56,9	134,0	94 100	94 100	65,1	136,2	99 000	99 000	38,0
40,0	47,0	129,9	85 500	85 500	53,4	132,5	92 500	92 500	62,0	135,2	98 200	98 200	40,0
42,0	42,9	127,7	81 800	81 800	49,7	130,8	91 000	91 000	58,7	133,9	97 100	97 100	42,0
44,0	38,4	125,3	78 600	78 600	45,8	128,9	89 100	89 100	55,3	132,5	95 800	95 800	44,0
46,0	33,5	122,3	75 800	75 800	41,6	126,6	85 600	85 600	51,7	131,0	94 500	94 500	46,0
48,0	27,6	118,6	73 800	73 800	37,0	124,0	82 300	82 300	47,9	129,1	92 900	93 200	48,0
50,0	20,2	113,7	72 900	72 900	31,8	120,9	79 500	79 500	43,9	127,1	89 100	92 100	50,0
52,0					25,6	116,9	77 500	77 500	39,6	124,7	84 500	90 800	52,0
54,0					17,3	111,3	76 700	76 700	34,7	121,9	80 300	87 500	54,0
56,0									29,1	118,4	76 300	84 800	56,0
58,0									22,2	113,9	72 500	82 800	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

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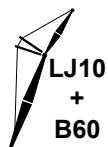
400 000 kg



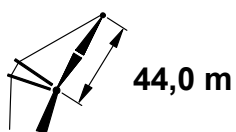
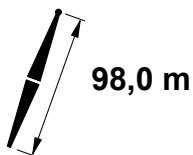
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,5	133,4	78 100	97 700									48,0
50,0	59,2	132,2	73 900	97 700									50,0
52,0	55,9	130,9	70 000	97 300									52,0
54,0	52,3	129,3	66 400	96 700									54,0
56,0	48,6	127,5	63 000	95 900									56,0
58,0	44,6	125,5	59 900	95 100	59,5	129,7	47 200	94 400					58,0
60,0	40,3	123,2	56 900	94 400	56,1	128,3	44 700	94 200					60,0
62,0	35,6	120,4	54 100	93 800	52,6	126,8	42 400	92 100					62,0
64,0	30,2	117,1	51 500	93 400	48,9	125,0	40 200	88 500					64,0
66,0	23,5	112,8	49 000	90 300	44,9	123,0	38 200	85 100					66,0
68,0	13,9	106,2	46 400	87 100	40,6	120,7	36 300	82 000					68,0
72,0					30,6	114,7	32 600	76 100	48,6	121,5	23 000	68 900	72,0
76,0					14,8	104,2	29 100	70 800	40,4	117,2	20 300	64 100	76,0
80,0									30,2	111,1	17 800	59 800	80,0

MLC650 VPC-MAX S-3

ASME B30.5



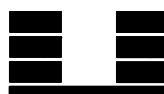
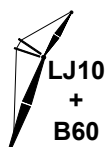
400 000 kg



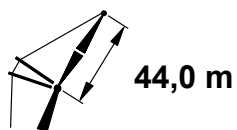
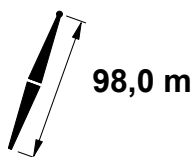
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	74,1	142,8	93 900 b	93 900 b									24,4
26,0	71,9	142,2	93 400 b	93 400 b									26,0
28,0	69,1	141,5	92 500 b	92 500 b									28,0
30,0	66,3	140,6	91 300	91 300	71,1	141,6	94 000 b	94 000 b					30,0
32,0	63,3	139,6	89 900	89 900	68,3	140,8	93 500	93 500					32,0
34,0	60,3	138,4	88 200	88 200	65,4	139,9	92 500	92 500					34,0
36,0	57,2	137,1	86 500	86 500	62,5	138,8	91 300	91 300					36,0
38,0	54,0	135,6	84 900	84 900	59,4	137,6	90 100	90 100	67,0	139,6	93 800	93 800	38,0
40,0	50,7	134,0	82 500	82 500	56,3	136,3	88 400	88 400	64,1	138,6	93 200	93 200	40,0
42,0	47,1	132,1	78 900	78 900	53,0	134,8	86 900	86 900	61,1	137,5	92 400	92 400	42,0
44,0	43,3	130,0	75 600	75 600	49,6	133,1	85 500	85 500	58,0	136,2	91 400	91 400	44,0
46,0	39,2	127,6	72 600	72 600	46,0	131,2	82 700	82 700	54,8	134,8	90 300	90 300	46,0
48,0	34,7	124,8	70 000	70 000	42,1	129,0	79 400	79 400	51,5	133,2	89 000	89 000	48,0
50,0	29,6	121,4	68 000	68 000	37,9	126,4	76 300	76 300	48,0	131,4	87 700	87 800	50,0
52,0	23,3	117,0	66 700	66 700	33,3	123,4	73 700	73 700	44,2	129,4	83 700	86 700	52,0
54,0	14,5	110,5	66 600	66 600	27,9	119,8	71 600	71 600	40,2	127,0	79 500	84 600	54,0
56,0					21,1	115,0	70 400	70 400	35,8	124,3	75 600	81 600	56,0
58,0									30,9	121,0	71 900	78 900	58,0
60,0									25,0	117,0	68 500	76 900	60,0
62,0									17,1	111,3	65 100	75 800	62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

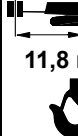
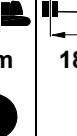
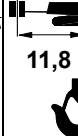
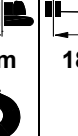
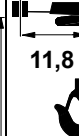
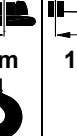
MLC650 VPC-MAX S-3

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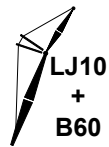
400 000 kg



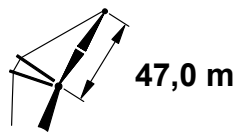
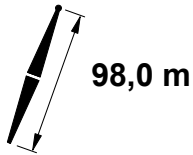
	 75°				 70°				 65°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	61,6	135,8	72 900	92 000									50,0
52,0	58,5	134,5	69 000	92 000									52,0
54,0	55,4	133,1	65 400	91 800									54,0
56,0	52,1	131,6	62 100	91 200									56,0
58,0	48,6	129,8	59 000	90 500									58,0
60,0	44,9	127,8	56 100	89 800	58,8	132,0	43 700	88 700					60,0
62,0	41,0	125,5	53 300	89 100	55,6	130,6	41 400	88 700					62,0
64,0	36,6	122,9	50 700	88 600	52,3	129,0	39 300	87 700					64,0
66,0	31,8	119,7	48 300	88 100	48,8	127,3	37 300	84 300					66,0
68,0	26,1	115,8	45 900	86 200	45,2	125,3	35 300	81 200					68,0
72,0					37,0	120,4	31 800	75 400	52,1	125,6	22 000	68 100	72,0
76,0					26,5	113,5	28 500	70 200	44,9	121,8	19 400	63 300	76,0
80,0									36,7	116,9	17 000	59 100	80,0
84,0									26,1	109,8	14 700	55 100	84,0

MLC650 VPC-MAX S-3

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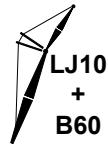
400 000 kg



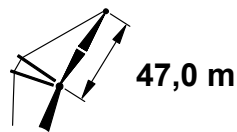
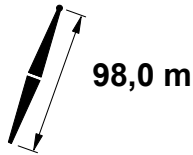
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,2	145,4	90 200 b	90 200 b									25,9
26,0	73,1	145,4	90 000 b	90 000 b									26,0
28,0	70,5	144,7	87 600 b	87 600 b									28,0
30,0	67,9	143,9	86 600	86 600									30,0
32,0	65,2	142,9	85 400	85 400	69,7	144,1	88 400	88 400					32,0
34,0	62,4	141,9	84 000	84 000	67,1	143,2	87 700	87 700					34,0
36,0	59,6	140,7	82 500	82 500	64,4	142,2	86 700	86 700					36,0
38,0	56,7	139,4	81 000	81 000	61,6	141,1	85 500	85 500					38,0
40,0	53,6	137,9	79 200	79 200	58,7	139,9	84 200	84 200	65,8	141,9	88 200	88 200	40,0
42,0	50,5	136,2	76 100	76 100	55,8	138,5	82 900	82 900	63,1	140,9	87 600	87 600	42,0
44,0	47,2	134,4	72 800	72 800	52,7	137,0	81 500	81 500	60,3	139,8	86 800	86 800	44,0
46,0	43,6	132,3	69 800	69 800	49,5	135,3	79 900	79 900	57,4	138,5	85 800	85 800	46,0
48,0	39,9	129,9	67 000	67 000	46,1	133,4	76 600	76 600	54,4	137,0	84 700	84 700	48,0
50,0	35,7	127,2	64 600	64 600	42,5	131,2	73 500	73 500	51,3	135,4	83 700	83 700	50,0
52,0	31,1	123,9	62 600	62 600	38,7	128,7	70 700	70 700	48,0	133,6	82 400	82 600	52,0
54,0	25,7	120,0	61 300	61 300	34,4	125,9	68 300	68 300	44,5	131,6	78 300	81 400	54,0
56,0	18,7	114,6	60 800	60 800	29,6	122,4	66 200	66 200	40,8	129,3	74 400	78 800	56,0
58,0					23,8	118,2	64 800	64 800	36,7	126,7	70 800	75 900	58,0
60,0					16,0	112,1	64 300	64 300	32,3	123,6	67 400	73 400	60,0
62,0									27,1	119,8	64 200	71 400	62,0
64,0									20,6	114,9	61 100	70 000	64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0

MLC650 VPC-MAX S-3

ASME B30.5



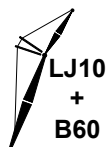
400 000 kg



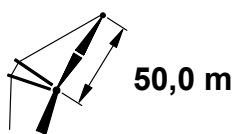
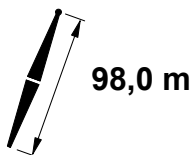
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	60,8	138,0	67 500	86 600									52,0
54,0	57,9	136,8	64 000	86 600									54,0
56,0	54,9	135,4	60 600	86 400									56,0
58,0	51,8	133,8	57 600	85 900									58,0
60,0	48,5	132,0	54 700	85 300									60,0
62,0	45,1	130,0	52 000	84 700	58,1	134,2	39 900	83 100					62,0
64,0	41,4	127,8	49 400	84 000	55,1	132,8	37 700	83 100					64,0
66,0	37,5	125,2	47 000	83 600	52,0	131,2	35 700	82 600					66,0
68,0	33,1	122,2	44 700	83 100	48,8	129,5	33 900	80 000					68,0
72,0	21,8	113,9	40 400	79 100	41,7	125,3	30 400	74 300					72,0
76,0					33,4	119,8	27 200	69 200	48,6	126,0	17 800	62 100	76,0
80,0					22,3	111,6	24 200	64 500	41,5	121,8	15 500	57 900	80,0
84,0									33,1	116,2	13 300	54 000	84,0
88,0									21,9	108,0	11 200	50 500	88,0

MLC650 VPC-MAX S-3

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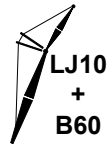
400 000 kg



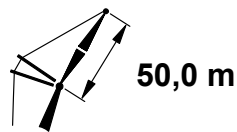
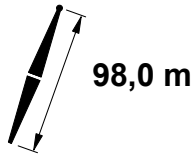
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,3	148,6	82 900 b	82 900 b									25,9
26,0	74,2	148,5	82 900 b	82 900 b									26,0
28,0	71,7	147,9	82 600 b	82 600 b									28,0
30,0	69,3	147,1	81 700	81 700									30,0
32,0	66,8	146,2	80 700	80 700	71,0	147,3	83 000	83 000					32,0
34,0	64,2	145,2	79 600	79 600	68,5	146,5	82 500	82 500					34,0
36,0	61,6	144,2	78 300	78 300	66,0	145,6	81 800	81 800					36,0
38,0	58,9	142,9	76 900	76 900	63,5	144,5	80 800	80 800					38,0
40,0	56,2	141,6	75 600	75 600	60,8	143,4	79 800	79 800	67,4	145,2	82 700	82 700	40,0
42,0	53,3	140,1	73 700	73 700	58,1	142,2	78 600	78 600	64,8	144,3	82 400	82 400	42,0
44,0	50,3	138,4	70 700	70 700	55,3	140,8	77 400	77 400	62,3	143,2	82 200	82 200	44,0
46,0	47,2	136,6	67 700	67 700	52,4	139,2	76 300	76 300	59,6	142,0	81 100	81 100	46,0
48,0	43,9	134,5	65 000	65 000	49,4	137,5	74 500	74 500	56,8	140,7	80 200	80 200	48,0
50,0	40,4	132,2	62 400	62 400	46,2	135,6	71 500	71 500	54,0	139,3	79 300	79 300	50,0
52,0	36,6	129,5	60 100	60 100	42,9	133,5	68 700	68 700	51,1	137,6	78 300	78 300	52,0
54,0	32,4	126,4	58 200	58 200	39,3	131,0	66 100	66 100	48,0	135,8	77 100	77 400	54,0
56,0	27,5	122,7	56 800	56 800	35,4	128,3	63 700	63 700	44,7	133,8	74 200	76 300	56,0
58,0	21,7	118,0	55 900	55 900	31,0	125,0	61 700	61 700	41,3	131,6	70 600	73 800	58,0
60,0	13,3	111,0	55 900	55 900	25,9	121,1	60 200	60 200	37,5	129,0	67 200	71 200	60,0
62,0					19,6	115,9	59 400	59 400	33,4	126,0	64 000	68 800	62,0
64,0					9,3	107,2	59 300	59 300	28,8	122,5	61 000	66 700	64,0
66,0									23,2	118,1	58 200	65 200	66,0
68,0									15,8	111,9	55 400	64 600	68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0

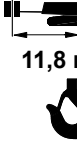
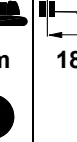
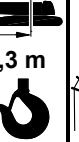
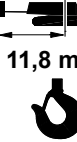
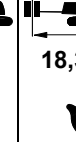
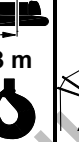
MLC650 VPC-MAX S-3

ASME B30.5



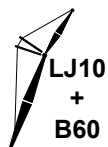
400 000 kg



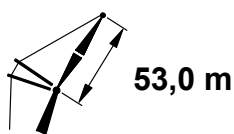
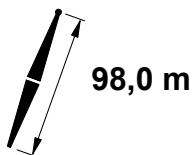
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9														25,9
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	62,7	141,5	67 000	80 700										52,0
54,0	60,0	140,3	63 500	80 700										54,0
56,0	57,3	139,0	60 200	80 700										56,0
58,0	54,5	137,6	57 100	80 700										58,0
60,0	51,6	136,0	54 300	80 400										60,0
62,0	48,5	134,2	51 600	79 900										62,0
64,0	45,3	132,3	49 100	79 400	57,5	136,5	37 200	77 700						64,0
66,0	41,9	130,0	46 700	78 800	54,7	135,0	35 300	77 700						66,0
68,0	38,2	127,5	44 500	78 400	51,8	133,5	33 400	77 700						68,0
72,0	29,6	121,2	40 300	76 400	45,5	129,7	30 000	73 900						72,0
76,0	17,3	111,3	36 400	72 300	38,5	125,1	26 900	68 800	51,6	130,0	17 300	61 700		76,0
80,0					30,0	118,8	24 000	64 200	45,3	126,3	15 100	57 500		80,0
84,0					17,9	109,1	21 200	60 000	38,2	121,5	12 900	53 700		84,0
88,0									29,7	115,2	11 000	50 200		88,0
92,0									17,4	105,3		46 900		92,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



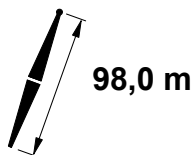
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,5	151,2	79 600	79 600									27,4
28,0	72,8	151,1	78 900	78 900									28,0
30,0	70,5	150,3	77 400	77 400									30,0
32,0	68,2	149,5	76 600	76 600	72,1	150,5	78 300	78 300					32,0
34,0	65,8	148,6	75 700	75 700	69,8	149,7	78 100	78 100					34,0
36,0	63,4	147,6	74 600	74 600	67,5	148,9	77 600	77 600					36,0
38,0	60,9	146,5	73 400	73 400	65,1	147,9	76 800	76 800					38,0
40,0	58,4	145,2	72 100	72 100	62,7	146,9	76 000	76 000	68,8	148,5	78 000	78 000	40,0
42,0	55,7	143,9	70 700	70 700	60,2	145,7	75 000	75 000	66,4	147,6	77 900	77 900	42,0
44,0	53,0	142,4	68 200	68 200	57,6	144,5	73 800	73 800	64,0	146,7	77 500	77 500	44,0
46,0	50,2	140,7	65 400	65 400	55,0	143,0	72 700	72 700	61,5	145,6	77 000	77 000	46,0
48,0	47,3	138,8	62 700	62 700	52,2	141,5	71 500	71 500	59,0	144,3	76 300	76 300	48,0
50,0	44,2	136,8	60 100	60 100	49,4	139,8	69 100	69 100	56,4	143,0	75 500	75 500	50,0
52,0	40,9	134,5	57 800	57 800	46,4	137,9	66 400	66 400	53,7	141,5	74 600	74 600	52,0
54,0	37,4	131,9	55 700	55 700	43,2	135,7	63 800	63 800	50,9	139,9	73 800	73 800	54,0
56,0	33,5	128,9	53 900	53 900	39,9	133,4	61 400	61 400	48,0	138,1	72 500	72 900	56,0
58,0	29,2	125,5	52 400	52 400	36,2	130,7	59 200	59 200	44,9	136,1	69 400	71 500	58,0
60,0	24,1	121,2	51 500	51 500	32,3	127,6	57 300	57 300	41,7	133,9	66 000	68 900	60,0
62,0	17,5	115,5	51 200	51 200	27,7	123,9	55 800	55 800	38,2	131,4	62 900	66 500	62,0
64,0	4,5	103,6	51 200	51 200	22,3	119,3	54 700	54 700	34,5	128,5	59 900	64 200	64,0
66,0					15,0	112,9	54 500	54 500	30,2	125,2	57 200	62 300	66,0
68,0									25,4	121,1	54 500	60 700	68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

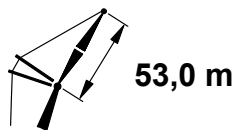
ASME B30.5



400 000 kg



98,0 m

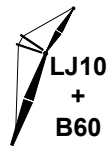


53,0 m

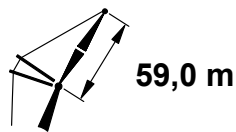
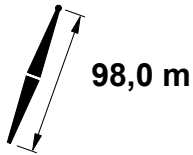
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	64,4	144,9	65 500	75 900									52,0
54,0	61,9	143,8	62 000	75 900									54,0
56,0	59,4	142,6	58 700	75 900									56,0
58,0	56,8	141,3	55 700	75 900									58,0
60,0	54,2	139,9	52 900	75 900									60,0
62,0	51,4	138,3	50 200	75 800									62,0
64,0	48,5	136,5	47 700	75 400	59,6	140,1	35 700	72 900					64,0
66,0	45,5	134,5	45 400	74 900	57,0	138,8	33 700	72 900					66,0
68,0	42,3	132,3	43 200	74 400	54,4	137,3	31 900	72 900					68,0
72,0	35,1	127,1	39 100	73 500	48,7	134,0	28 500	72 500					72,0
76,0	26,3	119,9	35 300	69 800	42,5	129,8	25 500	67 700					76,0
80,0	12,0	107,4	31 600	66 600	35,4	124,6	22 700	63 200	48,5	130,5	13 500	56 300	80,0
84,0					26,6	117,6	20 100	59 000	42,3	126,4	11 500	52 600	84,0
88,0					12,8	105,5	17 500	55 100	35,2	121,1	9 600	49 100	88,0
92,0									26,3	114,0		45 900	92,0
96,0									12,1	101,5		42 900	96,0

MLC650 VPC-MAX S-3

ASME B30.5



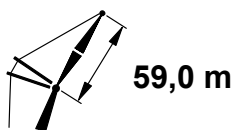
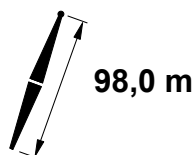
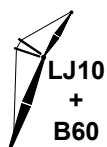
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,7	157,1	69 700	69 700									29,0
30,0	72,6	156,7	69 600	69 600									30,0
32,0	70,5	156,0	69 100	69 100									32,0
34,0	68,4	155,2	68 500	68 500	72,0	156,1	69 900	69 900					34,0
36,0	66,3	154,3	67 700	67 700	69,9	155,4	69 700	69 700					36,0
38,0	64,1	153,3	66 800	66 800	67,8	154,6	69 300	69 300					38,0
40,0	61,9	152,3	65 800	65 800	65,7	153,6	68 700	68 700					40,0
42,0	59,7	151,1	64 700	64 700	63,5	152,6	68 000	68 000	68,9	154,2	69 400	69 400	42,0
44,0	57,4	149,8	63 600	63 600	61,3	151,5	67 300	67 300	66,8	153,3	69 400	69 400	44,0
46,0	55,0	148,4	61 200	61 200	59,0	150,3	66 300	66 300	64,7	152,4	69 200	69 200	46,0
48,0	52,6	146,8	58 800	58 800	56,7	149,0	65 400	65 400	62,5	151,3	68 800	68 800	48,0
50,0	50,0	145,2	56 400	56 400	54,3	147,5	64 500	64 500	60,2	150,2	68 400	68 400	50,0
52,0	47,4	143,3	54 100	54 100	51,8	146,0	62 400	62 400	57,9	148,9	67 800	67 800	52,0
54,0	44,6	141,3	51 900	51 900	49,2	144,2	60 000	60 000	55,6	147,5	67 100	67 100	54,0
56,0	41,7	139,1	49 900	49 900	46,6	142,4	57 700	57 700	53,2	146,0	66 400	66 400	56,0
58,0	38,6	136,6	48 100	48 100	43,8	140,3	55 400	55 400	50,6	144,4	65 700	65 700	58,0
60,0	35,3	133,8	46 500	46 500	40,8	138,0	53 400	53 400	48,0	142,6	64 400	64 700	60,0
62,0	31,6	130,6	45 200	45 200	37,7	135,4	51 500	51 500	45,3	140,6	61 400	62 700	62,0
64,0	27,5	126,9	44 100	44 100	34,2	132,5	49 800	49 800	42,4	138,4	58 500	60 400	64,0
66,0	22,7	122,4	43 400	43 400	30,5	129,2	48 400	48 400	39,4	136,0	55 700	58 300	66,0
68,0	16,6	116,3	43 300	43 300	26,2	125,3	47 200	47 200	36,1	133,3	53 200	56 400	68,0
72,0					14,2	113,6	46 400	46 400	28,6	126,7	48 400	53 100	72,0
76,0									18,2	116,8	44 000	51 100	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0

MLC650 VPC-MAX S-3

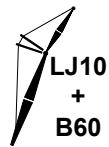
ASME B30.5



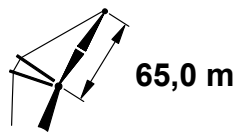
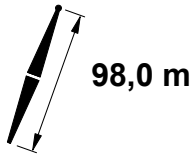
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
29,0												29,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0	62,9	149,6	56 700	67 400								56,0
58,0	60,6	148,4	53 700	67 400								58,0
60,0	58,3	147,2	51 000	67 400								60,0
62,0	56,0	145,8	48 300	67 400								62,0
64,0	53,6	144,4	45 900	67 400								64,0
66,0	51,1	142,7	43 600	67 400								66,0
68,0	48,5	141,0	41 400	67 200	58,5	144,6	29 800	64 200				68,0
72,0	42,9	136,9	37 400	66 500	53,7	141,8	26 500	64 200				72,0
76,0	36,7	131,9	33 800	65 600	48,7	138,4	23 600	64 200				76,0
80,0	29,3	125,4	30 500	62 000	43,1	134,4	20 900	61 700	53,6	138,4	54 700	80,0
84,0	19,3	115,9	27 400	59 100	36,9	129,4	18 400	57 600	48,5	135,0	51 000	84,0
88,0					29,6	123,0	16 100	53 900	43,0	130,9	47 600	88,0
92,0					19,8	113,7	13 900	50 400	36,7	125,9	44 500	92,0
96,0									29,3	119,4	41 600	96,0
100,0									19,4	110,0	38 900	100,0

MLC650 VPC-MAX S-3

ASME B30.5



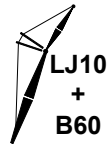
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,8	162,9	62 200	62 200									30,5
32,0	72,4	162,4	62 000	62 000									32,0
34,0	70,5	161,7	61 600	61 600									34,0
36,0	68,6	160,9	61 100	61 100	71,8	161,8	62 300	62 300					36,0
38,0	66,7	160,0	60 400	60 400	70,0	161,0	62 200	62 200					38,0
40,0	64,8	159,0	59 600	59 600	68,1	160,2	61 800	61 800					40,0
42,0	62,8	158,0	58 900	58 900	66,1	159,3	61 400	61 400					42,0
44,0	60,7	156,9	58 000	58 000	64,2	158,4	60 800	60 800					44,0
46,0	58,7	155,7	56 900	56 900	62,2	157,3	60 200	60 200	67,2	159,0	61 900	61 900	46,0
48,0	56,6	154,3	54 900	54 900	60,1	156,1	59 500	59 500	65,2	158,1	61 700	61 700	48,0
50,0	54,4	152,9	52 700	52 700	58,1	154,9	58 700	58 700	63,2	157,1	61 500	61 500	50,0
52,0	52,2	151,3	50 600	50 600	55,9	153,5	57 900	57 900	61,2	156,0	61 100	61 100	52,0
54,0	49,9	149,6	48 600	48 600	53,7	152,0	56 200	56 200	59,2	154,8	60 700	60 700	54,0
56,0	47,5	147,8	46 700	46 700	51,5	150,5	54 100	54 100	57,1	153,5	60 200	60 200	56,0
58,0	45,0	145,8	44 900	44 900	49,2	148,7	52 100	52 100	54,9	152,0	59 600	59 600	58,0
60,0	42,4	143,6	43 200	43 200	46,7	146,8	50 200	50 200	52,7	150,5	59 000	59 000	60,0
62,0	39,6	141,2	41 700	41 700	44,2	144,8	48 300	48 300	50,4	148,9	58 500	58 500	62,0
64,0	36,7	138,6	40 300	40 300	41,6	142,5	46 500	46 500	48,0	147,1	56 900	56 900	64,0
66,0	33,5	135,6	39 000	39 000	38,8	140,1	44 900	44 900	45,6	145,1	54 200	55 000	66,0
68,0	30,1	132,2	38 000	38 000	35,8	137,3	43 400	43 400	43,0	143,0	51 700	53 100	68,0
72,0	21,6	123,5	36 700	36 700	28,9	130,7	40 900	40 900	37,4	138,0	47 000	49 600	72,0
76,0					20,0	121,4	39 500	39 500	30,9	131,9	42 700	46 600	76,0
80,0									22,8	123,5	38 900	44 400	80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

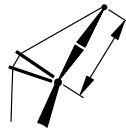
ASME B30.5



400 000 kg



98,0 m

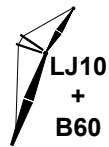


65,0 m

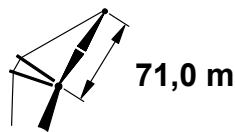
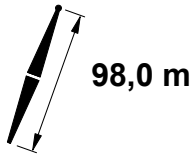
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
30,5												30,5
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	63,6	155,3	51 800	59 900								58,0
60,0	61,6	154,2	49 000	59 900								60,0
62,0	59,5	153,0	46 400	59 900								62,0
64,0	57,4	151,7	44 000	59 900								64,0
66,0	55,3	150,4	41 700	59 900								66,0
68,0	53,1	148,9	39 600	59 900								68,0
72,0	48,5	145,4	35 600	59 900	57,6	149,2	24 500	56 800				72,0
76,0	43,5	141,4	32 100	59 400	53,2	146,3	21 600	56 800				76,0
80,0	37,9	136,6	28 900	58 400	48,6	142,9	19 000	56 800				80,0
84,0	31,5	130,5	25 900	55 100	43,6	138,9	16 600	56 200	53,1	142,9	49 400	84,0
88,0	23,6	122,4	23 200	52 300	38,1	134,1	14 400	52 500	48,5	139,5	46 100	88,0
92,0					31,8	128,1	12 300	49 100	43,5	135,4	43 000	92,0
96,0					23,9	120,1	10 400	46 000	37,9	130,6	40 200	96,0
100,0					11,5	106,6		43 000	31,6	124,5	37 600	100,0
104,0									23,6	116,5	35 100	104,0
108,0									10,8	102,6	32 800	108,0

MLC650 VPC-MAX S-3

ASME B30.5



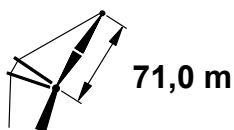
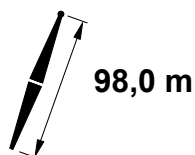
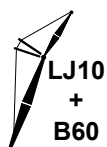
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,9	168,7	55 600	55 600									32,0
34,0	72,2	168,0	55 400	55 400									34,0
36,0	70,5	167,3	55 100	55 100									36,0
38,0	68,8	166,5	54 600	54 600	71,7	167,4	55 600	55 600					38,0
40,0	67,0	165,7	54 100	54 100	70,0	166,7	55 500	55 500					40,0
42,0	65,2	164,7	53 500	53 500	68,3	165,9	55 200	55 200					42,0
44,0	63,4	163,7	52 800	52 800	66,5	165,0	54 900	54 900					44,0
46,0	61,6	162,6	52 100	52 100	64,7	164,0	54 500	54 500	69,2	165,5	55 000	55 000	46,0
48,0	59,7	161,4	51 100	51 100	62,9	163,0	53 900	53 900	67,5	164,7	55 000	55 000	48,0
50,0	57,8	160,2	49 400	49 400	61,0	161,9	53 400	53 400	65,7	163,7	55 000	55 000	50,0
52,0	55,9	158,8	47 600	47 600	59,2	160,7	52 800	52 800	63,9	162,8	54 900	54 900	52,0
54,0	53,9	157,4	45 800	45 800	57,2	159,4	52 100	52 100	62,0	161,7	54 600	54 600	54,0
56,0	51,8	155,8	44 000	44 000	55,3	158,0	50 900	50 900	60,2	160,5	54 300	54 300	56,0
58,0	49,7	154,1	42 300	42 300	53,3	156,5	49 100	49 100	58,3	159,3	54 000	54 000	58,0
60,0	47,5	152,3	40 700	40 700	51,2	154,9	47 300	47 300	56,3	158,0	53 600	53 600	60,0
62,0	45,2	150,3	39 200	39 200	49,1	153,2	45 600	45 600	54,4	156,5	53 100	53 100	62,0
64,0	42,9	148,1	37 700	37 700	46,8	151,3	44 000	44 000	52,3	155,0	52 600	52 600	64,0
66,0	40,4	145,8	36 400	36 400	44,5	149,3	42 400	42 400	50,2	153,3	51 900	51 900	66,0
68,0	37,8	143,2	35 200	35 200	42,1	147,1	40 900	40 900	48,0	151,5	50 200	50 200	68,0
72,0	32,0	137,2	33 100	33 100	36,9	142,0	38 100	38 100	43,4	147,5	46 000	47 000	72,0
76,0	24,9	129,5	31 700	31 700	31,0	135,8	35 900	35 900	38,4	142,7	41 800	43 900	76,0
80,0	14,9	117,8	31 400	31 400	23,7	127,7	34 400	34 400	32,7	136,8	38 000	41 200	80,0
84,0					12,7	114,7	33 900	33 900	25,9	129,4	34 600	39 100	84,0
88,0									16,4	118,4	31 300	38 000	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0

MLC650 VPC-MAX S-3

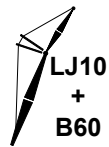
ASME B30.5



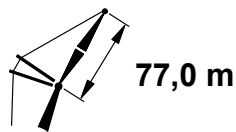
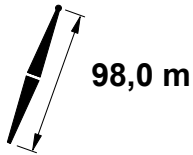
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	64,2	161,0	47 600	52 700								60,0
62,0	62,4	159,9	45 100	52 700								62,0
64,0	60,5	158,8	42 700	52 700								64,0
66,0	58,6	157,6	40 400	52 700								66,0
68,0	56,7	156,3	38 300	52 700								68,0
72,0	52,7	153,3	34 400	52 700								72,0
76,0	48,4	149,9	30 900	52 700	56,8	153,7	20 200	49 800				76,0
80,0	43,9	145,9	27 700	52 700	52,8	150,8	17 600	49 800				80,0
84,0	38,9	141,2	24 800	52 200	48,6	147,4	15 300	49 800				84,0
88,0	33,2	135,4	22 200	49 400	44,0	143,4	13 100	49 800	52,7	147,3	44 900	88,0
92,0	26,5	128,2	19 700	46 800	39,0	138,7	11 100	48 200	48,4	143,9	41 900	92,0
96,0	17,4	117,7	17 400	44 900	33,4	133,0	9 300	45 100	43,9	139,9	39 100	96,0
100,0					26,8	125,8		42 300	38,9	135,2	36 600	100,0
104,0					17,8	115,5		39 600	33,3	129,5	34 200	104,0
108,0									26,5	122,2	32 000	108,0
112,0									17,5	111,7	29 900	112,0

MLC650 VPC-MAX S-3

ASME B30.5



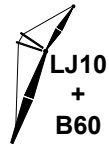
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,0	174,5	49 400	49 400									33,5
34,0	73,7	174,3	49 300	49 300									34,0
36,0	72,1	173,7	49 200	49 200									36,0
38,0	70,5	173,0	48 900	48 900									38,0
40,0	68,9	172,2	48 500	48 500									40,0
42,0	67,3	171,3	48 000	48 000									42,0
44,0	65,7	170,4	47 500	47 500									44,0
46,0	64,0	169,4	47 000	47 000									46,0
48,0	62,3	168,4	46 400	46 400									48,0
50,0	60,6	167,2	45 500	45 500									50,0
52,0	58,9	166,0	44 000	44 000									52,0
54,0	57,1	164,7	42 500	42 500									54,0
56,0	55,3	163,3	40 900	40 900									56,0
58,0	53,4	161,9	39 500	39 500									58,0
60,0	51,5	160,3	38 000	38 000									60,0
62,0	49,6	158,6	36 500	36 500									62,0
64,0	47,6	156,7	35 200	35 200									64,0
66,0	45,5	154,8	33 900	33 900									66,0
68,0	43,3	152,7	32 600	32 600									68,0
72,0	38,7	147,9	30 400	30 400									72,0
76,0	33,5	142,2	28 600	28 600									76,0
80,0	27,4	135,1	27 200	27 200									80,0
84,0	19,7	125,5	26 500	26 500									84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



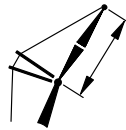
400 000 kg



360°



98,0 m

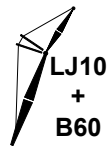


77,0 m

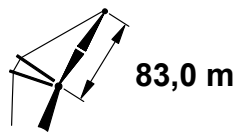
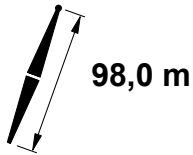
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	63,0	165,7	40 600	46 500								64,0
66,0	61,3	164,6	38 400	46 500								66,0
68,0	59,6	163,4	36 300	46 500								68,0
72,0	56,0	160,8	32 500	46 500								72,0
76,0	52,3	157,8	29 000	46 500								76,0
80,0	48,4	154,4	25 900	46 500	56,2	158,2	15 600	43 500				80,0
84,0	44,2	150,4	23 100	46 500	52,5	155,2	13 300	43 500				84,0
88,0	39,7	145,8	20 500	46 200	48,5	151,8	11 200	43 500				88,0
92,0	34,6	140,3	18 100	43 800	44,4	147,9		43 500	52,3	151,8	40 200	92,0
96,0	28,8	133,6	15 900	41 600	39,8	143,3		43 500	48,4	148,4	37 500	96,0
100,0	21,5	124,7	13 800	39 700	34,8	137,9		40 900	44,2	144,4	35 000	100,0
104,0					29,0	131,2		38 300	39,7	139,8	32 700	104,0
108,0					21,8	122,4		35 900	34,6	134,3	30 500	108,0
112,0					10,3	107,5		33 300	28,8	127,6	28 500	112,0
116,0									21,6	118,7	26 600	116,0
120,0									9,8	103,4	24 700	120,0

MLC650 VPC-MAX S-3

ASME B30.5



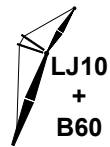
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,1	180,3	44 100	44 100									35,1
36,0	73,4	180,0	44 000	44 000									36,0
38,0	72,0	179,3	43 800	43 800									38,0
40,0	70,5	178,6	43 600	43 600									40,0
42,0	69,0	177,8	43 200	43 200									42,0
44,0	67,5	177,0	42 800	42 800	71,6	178,7	44 000	44 000					44,0
46,0	66,0	176,1	42 500	42 500	70,1	178,0	43 900	43 900					46,0
48,0	64,5	175,2	41 900	41 900	68,6	177,2	43 700	43 700					48,0
50,0	62,9	174,1	41 400	41 400	67,1	176,4	43 500	43 500					50,0
52,0	61,4	173,0	40 700	40 700	65,6	175,4	43 200	43 200					52,0
54,0	59,8	171,9	39 400	39 400	64,0	174,5	42 900	42 900	67,9	176,0	43 400	43 400	54,0
56,0	58,1	170,6	38 000	38 000	62,5	173,4	42 400	42 400	66,4	175,1	43 400	43 400	56,0
58,0	56,5	169,3	36 700	36 700	60,9	172,3	42 000	42 000	64,9	174,2	43 300	43 300	58,0
60,0	54,8	167,9	35 400	35 400	59,3	171,1	41 600	41 600	63,3	173,2	43 200	43 200	60,0
62,0	53,1	166,4	34 100	34 100	57,7	169,8	40 900	40 900	61,8	172,1	43 100	43 100	62,0
64,0	51,3	164,7	32 900	32 900	56,0	168,5	39 700	39 700	60,2	170,9	42 800	42 800	64,0
66,0	49,5	163,0	31 700	31 700	54,3	167,0	38 300	38 300	58,5	169,7	42 600	42 600	66,0
68,0	47,6	161,2	30 500	30 500	52,5	165,5	37 100	37 100	56,9	168,4	42 300	42 300	68,0
72,0	43,7	157,2	28 400	28 400	50,8	163,9	35 800	35 800	55,2	167,0	42 000	42 000	72,0
76,0	39,4	152,5	26 500	26 500	47,0	160,3	33 400	33 400	51,7	163,9	41 100	41 100	76,0
80,0	34,8	147,0	24 800	24 800	43,1	156,1	31 100	31 100	48,1	160,5	38 600	38 600	80,0
84,0	29,4	140,4	23 500	23 500	38,8	151,4	29 100	29 100	44,2	156,5	35 400	36 300	84,0
88,0	23,0	132,0	22 800	22 800	34,0	145,7	27 300	27 300	40,0	151,9	32 100	34 100	88,0
92,0	13,7	119,2	22 600	22 600	28,6	138,9	25 900	25 900	35,4	146,5	29 000	32 000	92,0
96,0					21,8	130,0	25 000	25 000	30,1	140,1	26 200	30 300	96,0
100,0					11,7	115,9	24 900	24 900	23,8	131,9	23 600	28 900	100,0
104,0									15,1	120,0	21 100	28 400	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0

MLC650 VPC-MAX S-3

ASME B30.5



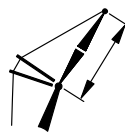
400 000 kg



360°



98,0 m

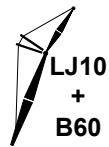


83,0 m

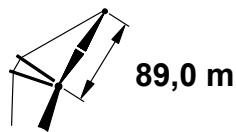
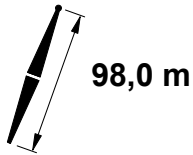
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m	
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0	63,6	171,4	37 000	41 300								66,0
68,0	62,0	170,3	34 900	41 300								68,0
72,0	58,8	168,0	31 100	41 300								72,0
76,0	55,5	165,3	27 700	41 300								76,0
80,0	52,0	162,3	24 700	41 300	58,9	165,4	38 500					80,0
84,0	48,4	158,8	21 900	41 300	55,6	162,8	38 500					84,0
88,0	44,5	154,9	19 300	41 300	52,2	159,7	38 500					88,0
92,0	40,3	150,4	17 000	41 100	48,5	156,3	38 500					92,0
96,0	35,8	145,1	14 800	39 100	44,7	152,4	38 500	52,0	156,3	35 700		96,0
100,0	30,6	138,8	12 800	37 100	40,5	147,9	38 500	48,4	152,8	33 900	100,0	
104,0	24,4	130,8	10 900	35 400	35,9	142,7	37 400	44,5	148,9	31 600	104,0	
108,0	16,1	119,4		34 200	30,8	136,4	35 000	40,4	144,4	29 500	108,0	
112,0					24,7	128,4	32 400	35,8	139,1	27 500	112,0	
116,0					16,4	117,2	30 000	30,6	132,8	25 700	116,0	
120,0								24,5	124,8	23 900	120,0	
124,0								16,1	113,4	22 200	124,0	

MLC650 VPC-MAX S-3

ASME B30.5



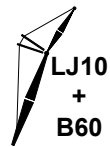
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,2	186,1	37 900	37 900									36,6
38,0	73,2	185,7	37 800	37 800									38,0
40,0	71,9	185,0	37 700	37 700									40,0
42,0	70,5	184,3	37 500	37 500									42,0
44,0	69,1	183,5	37 300	37 300	71,5	184,4	37 800	37 800					44,0
46,0	67,8	182,7	36 900	36 900	70,1	183,7	37 700	37 700					46,0
48,0	66,3	181,8	36 600	36 600	68,7	182,9	37 600	37 600					48,0
50,0	64,9	180,9	36 300	36 300	67,3	182,0	37 400	37 400					50,0
52,0	63,5	179,9	35 900	35 900	65,9	181,1	37 200	37 200	69,5	182,5	37 100	37 100	52,0
54,0	62,0	178,8	35 500	35 500	64,5	180,2	36 900	36 900	68,1	181,7	37 100	37 100	54,0
56,0	60,5	177,6	34 700	34 700	63,0	179,1	36 700	36 700	66,7	180,8	37 100	37 100	56,0
58,0	59,0	176,4	33 600	33 600	61,6	178,1	36 300	36 300	65,3	179,9	37 100	37 100	58,0
60,0	57,5	175,2	32 600	32 600	60,1	176,9	36 000	36 000	63,8	178,9	37 000	37 000	60,0
62,0	56,0	173,8	31 500	31 500	58,6	175,7	35 700	35 700	62,4	177,8	36 900	36 900	62,0
64,0	54,4	172,4	30 400	30 400	57,0	174,4	35 100	35 100	60,9	176,7	36 800	36 800	64,0
66,0	52,7	170,8	29 400	29 400	55,5	173,0	34 100	34 100	59,4	175,5	36 600	36 600	66,0
68,0	51,1	169,2	28 300	28 300	53,9	171,5	33 100	33 100	57,9	174,3	36 400	36 400	68,0
72,0	47,7	165,7	26 300	26 300	50,6	168,3	31 000	31 000	54,8	171,5	36 000	36 000	72,0
76,0	44,0	161,7	24 500	24 500	47,1	164,7	29 000	29 000	51,5	168,4	35 500	35 500	76,0
80,0	40,1	157,1	22 900	22 900	43,4	160,7	27 100	27 100	48,1	164,9	33 500	33 600	80,0
84,0	35,8	151,8	21 400	21 400	39,5	156,0	25 300	25 300	44,5	161,0	30 300	31 700	84,0
88,0	31,0	145,6	20 200	20 200	35,2	150,6	23 800	23 800	40,6	156,5	27 300	29 800	88,0
92,0	25,4	137,8	19 400	19 400	30,3	144,1	22 500	22 500	36,4	151,3	24 500	28 100	92,0
96,0	18,2	127,4	19 100	19 100	24,5	136,1	21 500	21 500	31,7	145,2	22 000	26 600	96,0
100,0					16,9	125,0	21 200	21 200	26,2	137,7	19 600	25 300	100,0
104,0									19,3	127,7	17 300	24 500	104,0
108,0									7,2	109,4	15 100	24 400	108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0

MLC650 VPC-MAX S-3

ASME B30.5



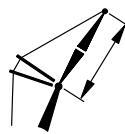
400 000 kg



360°



98,0 m

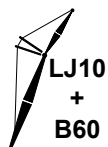


89,0 m

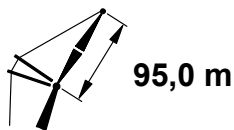
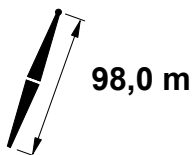
	 75°				 70°			 65°			
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 18,3 m  kg	 °	 m	 18,3 m  kg	 m
36,6											36,6
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0											66,0
68,0	64,1	177,1	32 800	35 000							68,0
72,0	61,2	175,0	29 100	35 000							72,0
76,0	58,1	172,6	25 700	35 000							76,0
80,0	55,0	169,8	22 700	35 000							80,0
84,0	51,8	166,8	19 900	35 000	58,2	170,0	32 500				84,0
88,0	48,4	163,3	17 400	35 000	55,1	167,3	32 500				88,0
92,0	44,8	159,4	15 100	35 000	51,9	164,2	32 500				92,0
96,0	40,9	155,0	13 000	35 000	48,5	160,8	32 500				96,0
100,0	36,7	149,8	11 000	34 500	44,9	156,9	32 500	51,8	160,8	30 300	100,0
104,0	32,1	143,8		32 800	41,1	152,5	32 500	48,4	157,3	30 000	104,0
108,0	26,7	136,4		31 300	36,9	147,4	32 500	44,8	153,4	27 900	108,0
112,0	19,9	126,8		30 100	32,3	141,4	30 600	41,0	149,0	26 000	112,0
116,0					26,9	134,1	28 200	36,8	143,9	24 100	116,0
120,0					20,2	124,5	26 000	32,1	137,8	22 400	120,0
124,0					9,6	108,5	23 700	26,7	130,5	20 800	124,0
128,0								20,0	120,8	19 200	128,0
132,0								9,1	104,3	17 600	132,0

MLC650 VPC-MAX S-3

ASME B30.5



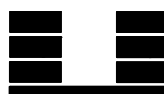
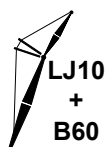
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
38,1	74,3	191,9	33 600	33 600									38,1
40,0	73,1	191,3	33 500	33 500									40,0
42,0	71,8	190,7	33 300	33 300									42,0
44,0	70,5	189,9	33 200	33 200									44,0
46,0	69,2	189,2	33 100	33 100	71,4	190,1	33 400	33 400					46,0
48,0	67,9	188,4	32 700	32 700	70,1	189,3	33 300	33 300					48,0
50,0	66,6	187,5	32 400	32 400	68,8	188,5	33 200	33 200					50,0
52,0	65,3	186,6	32 100	32 100	67,5	187,7	33 000	33 000					52,0
54,0	63,9	185,6	31 800	31 800	66,2	186,8	32 800	32 800	69,5	188,2	32 600	32 600	54,0
56,0	62,6	184,5	31 400	31 400	64,9	185,9	32 600	32 600	68,2	187,4	32 600	32 600	56,0
58,0	61,2	183,4	30 700	30 700	63,5	184,9	32 400	32 400	66,9	186,5	32 600	32 600	58,0
60,0	59,8	182,3	29 800	29 800	62,2	183,8	32 100	32 100	65,6	185,6	32 600	32 600	60,0
62,0	58,4	181,0	28 900	28 900	60,8	182,7	31 800	31 800	64,3	184,6	32 600	32 600	62,0
64,0	56,9	179,7	28 000	28 000	59,4	181,5	31 600	31 600	62,9	183,6	32 500	32 500	64,0
66,0	55,5	178,3	27 100	27 100	58,0	180,2	31 200	31 200	61,5	182,5	32 400	32 400	66,0
68,0	54,0	176,9	26 100	26 100	56,5	178,9	30 400	30 400	60,1	181,3	32 300	32 300	68,0
72,0	50,9	173,7	24 400	24 400	53,5	176,0	28 600	28 600	57,3	178,8	31 900	31 900	72,0
76,0	47,7	170,2	22 700	22 700	50,4	172,8	26 800	26 800	54,4	176,0	31 500	31 500	76,0
80,0	44,3	166,2	21 100	21 100	47,2	169,2	25 100	25 100	51,3	172,9	30 900	30 900	80,0
84,0	40,7	161,7	19 700	19 700	43,8	165,2	23 500	23 500	48,1	169,4	29 200	29 400	84,0
88,0	36,7	156,6	18 400	18 400	40,1	160,6	22 000	22 000	44,7	165,5	26 300	27 700	88,0
92,0	32,4	150,6	17 300	17 300	36,1	155,3	20 600	20 600	41,1	161,1	23 500	26 100	92,0
96,0	27,4	143,4	16 500	16 500	31,7	149,2	19 400	19 400	37,2	156,0	21 000	24 600	96,0
100,0	21,4	134,2	16 100	16 100	26,6	141,8	18 500	18 500	32,9	150,1	18 700	23 300	100,0
104,0	12,8	120,5	16 000	16 000	20,4	132,2	18 000	18 000	28,1	143,1	16 500	22 100	104,0
108,0					10,9	117,1	17 900	17 900	22,2	134,3	14 400	21 200	108,0
112,0									14,1	121,5	12 500	20 900	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0

MLC650 VPC-MAX S-3

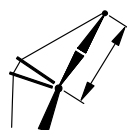
ASME B30.5



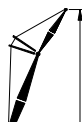
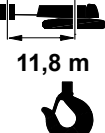
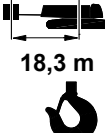
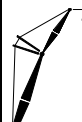
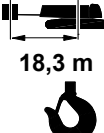
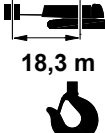
400 000 kg



98,0 m

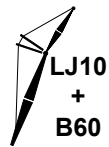


95,0 m

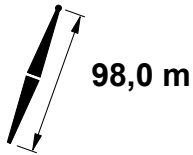
	 75°				 70°			 65°			
 m	 °	 m	 11,8 m  kg	 18,3 m  kg	 °	 m	 18,3 m  kg	 °	 m	 18,3 m  kg	 m
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0											66,0
68,0											68,0
72,0	63,1	181,8	27 700	30 600							72,0
76,0	60,4	179,6	24 400	30 600							76,0
80,0	57,5	177,1	21 400	30 600							80,0
84,0	54,6	174,3	18 700	30 600							84,0
88,0	51,6	171,3	16 200	30 600	57,6	174,6	28 200				88,0
92,0	48,4	167,8	13 900	30 600	54,7	171,8	28 200				92,0
96,0	45,0	163,9	11 800	30 600	51,7	168,7	28 200				96,0
100,0	41,4	159,5	9 900	30 600	48,5	165,3	28 200				100,0
104,0	37,6	154,5		30 500	45,1	161,4	28 200	51,6	165,3	25 900	104,0
108,0	33,3	148,7		29 000	41,6	157,0	28 200	48,4	161,8	25 900	108,0
112,0	28,5	141,8		27 700	37,7	152,1	28 200	45,0	157,9	24 900	112,0
116,0	22,8	133,2		26 600	33,5	146,3	27 100	41,4	153,5	23 100	116,0
120,0	15,0	120,9		25 900	28,7	139,5	24 900	37,6	148,6	21 400	120,0
124,0					23,0	130,9	22 900	33,3	142,8	19 900	124,0
128,0					15,3	118,8	20 800	28,5	135,9	18 200	128,0
132,0								22,8	127,2	16 600	132,0
136,0								15,0	115,0	15 000	136,0

MLC650 VPC-MAX S-3

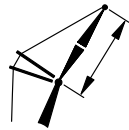
ASME B30.5



400 000 kg



98,0 m

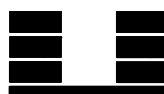
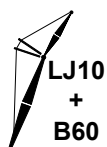


101,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
39,6	74,3	197,7	29 300	29 300									39,6
40,0	74,1	197,6	29 300	29 300									40,0
42,0	72,9	197,0	29 200	29 200									42,0
44,0	71,7	196,3	29 000	29 000									44,0
46,0	70,5	195,6	28 800	28 800	72,6	196,4	29 000	29 000					46,0
48,0	69,3	194,8	28 600	28 600	71,4	195,7	29 000	29 000					48,0
50,0	68,1	194,0	28 400	28 400	70,2	195,0	28 900	28 900					50,0
52,0	66,9	193,2	28 100	28 100	68,9	194,2	28 800	28 800					52,0
54,0	65,6	192,3	27 800	27 800	67,7	193,4	28 600	28 600					54,0
56,0	64,3	191,3	27 500	27 500	66,5	192,5	28 500	28 500					56,0
58,0	63,1	190,3	27 200	27 200	65,2	191,6	28 300	28 300	68,4	193,0	28 200	28 200	58,0
60,0	61,8	189,2	26 700	26 700	64,0	190,6	28 100	28 100	67,1	192,2	28 200	28 200	60,0
62,0	60,5	188,1	25 900	25 900	62,7	189,6	27 800	27 800	65,9	191,3	28 200	28 200	62,0
64,0	59,2	186,9	25 100	25 100	61,4	188,5	27 600	27 600	64,6	190,3	28 200	28 200	64,0
66,0	57,8	185,6	24 300	24 300	60,1	187,3	27 300	27 300	63,4	189,3	28 100	28 100	66,0
68,0	56,5	184,3	23 500	23 500	58,8	186,1	27 100	27 100	62,1	188,2	28 000	28 000	68,0
72,0	53,7	181,4	22 000	22 000	56,0	183,5	25 800	25 800	59,5	185,9	27 700	27 700	72,0
76,0	50,8	178,2	20 500	20 500	53,2	180,5	24 300	24 300	56,8	183,4	27 400	27 400	76,0
80,0	47,7	174,7	19 000	19 000	50,3	177,3	22 800	22 800	54,0	180,5	27 000	27 000	80,0
84,0	44,5	170,7	17 700	17 700	47,3	173,7	21 300	21 300	51,1	177,4	26 500	26 500	84,0
88,0	41,2	166,3	16 400	16 400	44,0	169,7	19 900	19 900	48,1	173,9	24 500	25 100	88,0
92,0	37,5	161,3	15 300	15 300	40,6	165,2	18 600	18 600	44,9	170,0	21 800	23 700	92,0
96,0	33,5	155,5	14 400	14 400	36,9	160,1	17 400	17 400	41,6	165,6	19 300	22 400	96,0
100,0	29,1	148,7	13 600	13 600	32,9	154,2	16 400	16 400	38,0	160,7	17 000	21 100	100,0
104,0	23,8	140,4	13 100	13 100	28,3	147,2	15 500	15 500	34,0	155,0	14 900	19 900	104,0
108,0	17,1	129,2	13 000	13 000	22,9	138,6	15 000	15 000	29,6	148,4	12 900	18 900	108,0
112,0					15,8	126,7	14 800	14 800	24,5	140,3	11 000	18 000	112,0
116,0									18,0	129,6		17 600	116,0
120,0									6,8	110,2		17 200	120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0
140,0													140,0
144,0													144,0

MLC650 VPC-MAX S-3

ASME B30.5



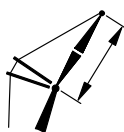
400 000 kg



360°



98,0 m

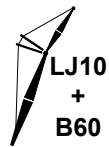


101,0 m

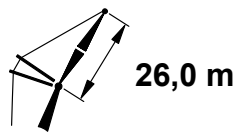
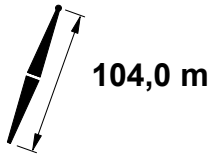
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	°	m	kg	m
39,6												39,6
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0												68,0
72,0												72,0
76,0	62,3	186,5	22 400	26 200								76,0
80,0	59,7	184,2	19 400	26 200								80,0
84,0	57,0	181,7	16 700	26 200								84,0
88,0	54,2	178,9	14 300	26 200								88,0
92,0	51,4	175,7	12 000	26 200	57,1	179,1	23 800					92,0
96,0	48,4	172,3	10 000	26 200	54,3	176,3	23 800					96,0
100,0	45,2	168,4		26 200	51,5	173,2	23 800					100,0
104,0	41,9	164,1		26 200	48,5	169,7	23 800	54,3	172,9	21 500		104,0
108,0	38,3	159,2		26 200	45,3	165,9	23 800	51,4	169,7	21 500		108,0
112,0	34,4	153,6		25 200	42,0	161,6	23 800	48,4	166,3	21 500		112,0
116,0	30,0	147,1		24 000	38,4	156,7	23 800	45,2	162,4	21 500		116,0
120,0	25,0	139,1		22 900	34,5	151,2	23 100	41,9	158,1	19 700		120,0
124,0	18,7	128,7		20 600	30,2	144,7	21 100	38,3	153,2	18 000		124,0
128,0	8,4	111,1		18 500	25,2	136,8	19 200	34,4	147,6	16 300		128,0
132,0					18,9	126,5	17 300	30,1	141,1	14 800		132,0
136,0								25,0	133,2	13 300		136,0
140,0								18,7	122,8	11 800		140,0
144,0								8,5	105,2	10 300		144,0

MLC650 VPC-MAX S-3

ASME B30.5



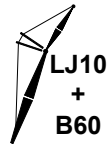
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	74,5	131,5	123 100 d	123 100 d									19,8
20,0	74,1	131,4	122 900 d	122 900 d									20,0
22,0	69,4	130,7	120 300 d	120 300 d									22,0
24,0	64,5	129,7	115 500 c	115 500 c									24,0
26,0	59,3	128,5	112 800 c	112 800 c	68,4	130,1	120 600 d	120 600 d					26,0
28,0	53,9	127,0	111 000 b	111 000 b	63,5	129,1	115 200 d	115 200 d					28,0
30,0	47,9	125,2	108 900 b	108 900 b	58,3	127,8	113 600 c	113 600 c					30,0
32,0	41,3	122,9	107 200	107 200	52,7	126,3	112 000 b	112 000 b	66,9	128,9	116 300 c	116 300 c	32,0
34,0	33,5	120,0	106 600	106 600	46,7	124,4	109 800 b	109 800 b	61,9	127,8	115 500 c	115 500 c	34,0
36,0	23,2	115,8	106 600	106 600	39,9	122,0	108 400	108 400	56,6	126,5	114 000 b	114 000 b	36,0
38,0					31,8	118,9	108 000	108 000	51,0	124,9	112 400 b	112 400 b	38,0
40,0					20,6	114,3	108 000	108 000	44,7	122,9	111 600 b	111 600 b	40,0
42,0									37,6	120,3	110 100	110 100	42,0
44,0									28,8	116,9	106 500	109 300	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

MLC650 VPC-MAX S-3

ASME B30.5



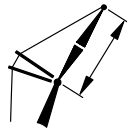
400 000 kg



360°



104,0 m

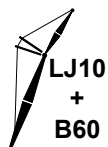


26,0 m

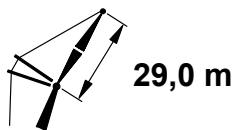
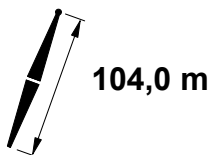
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	58,9	125,1	89 600 c	114 800 c									44,0
46,0	53,4	123,6	84 600 b	113 800 b									46,0
48,0	47,5	121,7	79 900 b	112 600 b									48,0
50,0	40,8	119,4	75 600	111 300									50,0
52,0	32,9	116,5	71 600	110 400									52,0
54,0	22,3	112,1	67 700	108 100	55,2	121,3	54 400 b	110 600 b					54,0
56,0					49,4	119,5	51 600 b	105 900 b					56,0
58,0					43,0	117,4	48 900	101 400					58,0
60,0					35,6	114,7	46 300	97 300					60,0
62,0					26,2	110,9	43 800	93 300					62,0
64,0					8,1	103,0	41 000	89 400	50,5	116,3	30 900 b	81 600 b	64,0
66,0									44,2	114,3	29 100 b	78 500 b	66,0
68,0									37,0	111,7	27 500	75 500	68,0

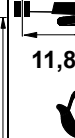
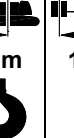
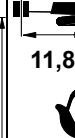
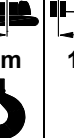
MLC650 VPC-MAX S-3

ASME B30.5



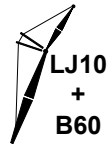
400 000 kg



	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,0	134,1	114 700 d	114 700 d									21,3
22,0	71,6	133,9	113 900 d	113 900 d									22,0
24,0	67,3	133,0	109 400 c	109 400 c									24,0
26,0	62,9	132,0	106 900 c	106 900 c									26,0
28,0	58,2	130,7	105 100 b	105 100 b	70,8	133,3	114 200 d	114 200 d					28,0
					66,5	132,4	109 000 c	109 000 c					
30,0	53,3	129,2	103 000 b	103 000 b	62,0	131,3	107 700 c	107 700 c					30,0
32,0	47,9	127,4	102 100	102 100	57,3	130,0	106 100 b	106 100 b	69,5	132,2	109 600 c	109 600 c	32,0
34,0	42,1	125,2	99 600	99 600	52,3	128,5	104 400 b	104 400 b	65,1	131,3	109 300 c	109 300 c	34,0
36,0	35,3	122,5	99 000	99 000	46,8	126,6	102 400	102 400	60,6	130,1	108 200 b	108 200 b	36,0
38,0	27,1	118,8	97 800	97 800	40,8	124,3	101 000	101 000	55,8	128,7	106 800 b	106 800 b	38,0
40,0					33,9	121,4	100 400	100 400	50,6	127,1	105 100 b	105 100 b	40,0
42,0					25,1	117,5	100 400	100 400	45,1	125,1	103 600	103 600	42,0
44,0					9,5	109,8	100 400	100 400	38,8	122,7	102 400	102 400	44,0
46,0									31,5	119,5	99 800	101 900	46,0
48,0									21,7	115,0	94 200	101 900	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0

MLC650 VPC-MAX S-3

ASME B30.5



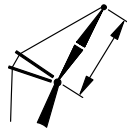
400 000 kg



360°



104,0 m

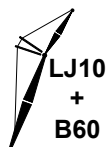


29,0 m

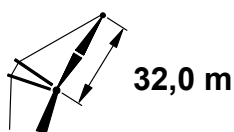
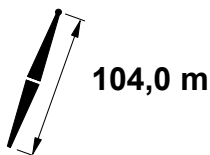
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	57,8	127,3	83 000 b	107 500 b									46,0
48,0	52,9	125,8	78 500 b	106 600 b									48,0
50,0	47,5	123,9	74 200	105 900									50,0
52,0	41,6	121,7	70 300	104 400									52,0
54,0	34,8	118,9	66 600	103 600									54,0
56,0	26,4	115,1	63 100	102 000	54,5	123,5	50 000 b	104 100 b					56,0
58,0					49,3	121,8	47 400	100 200					58,0
60,0					43,6	119,7	44 900	96 100					60,0
62,0					37,1	117,1	42 500	92 300					62,0
64,0					29,3	113,7	40 300	88 600					64,0
66,0					18,4	108,5	37 900	85 100	50,3	118,5	27 500	77 200	66,0
68,0									44,7	116,5	26 000	74 300	68,0
72,0									30,9	110,8	22 900	68 900	72,0

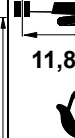
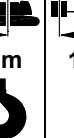
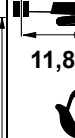
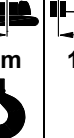
MLC650 VPC-MAX S-3

ASME B30.5



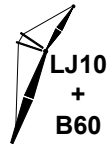
400 000 kg



	85°				83°				80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	74,7	137,3	108 700 d	108 700 d									21,3
22,0	73,4	137,1	108 100 d	108 100 d									22,0
24,0	69,6	136,3	103 900 c	103 900 c									24,0
26,0	65,7	135,4	101 600 c	101 600 c	72,7	136,5	108 200 d	108 200 d					26,0
28,0	61,6	134,3	100 000 b	100 000 b	68,8	135,7	103 400 c	103 400 c					28,0
30,0	57,3	133,0	98 300 b	98 300 b	64,9	134,8	102 400 c	102 400 c					30,0
32,0	52,8	131,5	96 900	96 900	60,8	133,7	101 000 b	101 000 b					32,0
34,0	48,0	129,7	94 400	94 400	56,5	132,3	99 600 b	99 600 b	67,6	134,6	103 500 c	103 500 c	34,0
36,0	42,7	127,5	93 000	93 000	51,9	130,7	97 700	97 700	63,6	133,6	102 800 b	102 800 b	36,0
38,0	36,8	124,9	92 100	92 100	47,0	128,9	95 800	95 800	59,5	132,4	101 700 b	101 700 b	38,0
40,0	29,9	121,6	89 500	89 500	41,6	126,6	94 600	94 600	55,1	131,0	100 400 b	100 400 b	40,0
42,0	20,6	116,8	88 300	88 300	35,6	123,9	93 900	93 900	50,4	129,3	98 900	98 900	42,0
44,0					28,3	120,4	92 600	92 600	45,4	127,4	97 300	97 300	44,0
46,0									39,9	125,0	96 200	96 200	46,0
48,0									33,5	122,1	93 800	95 600	48,0
50,0									25,7	118,2	88 900	95 500	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0

MLC650 VPC-MAX S-3

ASME B30.5



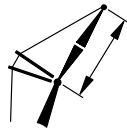
400 000 kg



360°



104,0 m

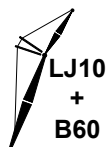


32,0 m

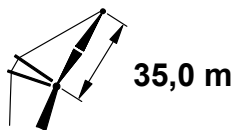
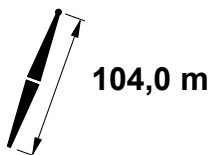
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,3	130,9	82 200 b	101 800 b									46,0
48,0	57,0	129,6	77 700 b	101 400 b									48,0
50,0	52,5	128,0	73 500	100 600									50,0
52,0	47,6	126,2	69 600	99 400									52,0
54,0	42,3	124,0	66 000	98 400									54,0
56,0	36,4	121,4	62 600	97 500									56,0
58,0	29,3	118,0	59 400	97 000	53,9	125,7	46 500	99 400					58,0
60,0	19,8	113,0	56 300	93 500	49,2	124,0	44 100	95 400					60,0
62,0					44,1	122,0	41 800	91 600					62,0
64,0					38,4	119,5	39 600	88 000					64,0
66,0					31,7	116,3	37 500	84 700					66,0
68,0					23,3	112,1	35 500	81 400	50,1	120,8	25 100	73 600	68,0
72,0									39,5	116,4	22 200	68 300	72,0
76,0									25,0	109,4	19 400	63 400	76,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,4	140,0	101 600 c	101 600 c									22,9
24,0	71,4	139,5	98 300 c	98 300 c									24,0
26,0	67,9	138,7	96 400 c	96 400 c									26,0
28,0	64,2	137,7	94 900 b	94 900 b	70,7	139,0	97 900 c	97 900 c					28,0
30,0	60,5	136,6	93 300 b	93 300 b	67,2	138,1	97 200 b	97 200 b					30,0
32,0	56,5	135,2	91 400	91 400	63,5	137,1	95 900 b	95 900 b					32,0
34,0	52,4	133,7	90 100	90 100	59,7	135,9	94 600 b	94 600 b					34,0
36,0	48,0	131,9	88 000	88 000	55,7	134,5	93 300	93 300	66,1	137,0	97 400 b	97 400 b	36,0
38,0	43,2	129,8	86 700	86 700	51,6	133,0	91 100	91 100	62,4	135,9	96 500 b	96 500 b	38,0
40,0	37,9	127,3	84 500	84 500	47,1	131,1	89 600	89 600	58,5	134,7	95 300 b	95 300 b	40,0
42,0	31,9	124,1	81 800	81 800	42,2	128,9	88 400	88 400	54,5	133,2	94 200	94 200	42,0
44,0	24,4	120,0	80 100	80 100	36,8	126,3	87 600	87 600	50,2	131,6	93 100	93 100	44,0
46,0					30,6	123,0	85 100	85 100	45,6	129,6	91 200	91 200	46,0
48,0					22,6	118,6	83 400	83 400	40,7	127,3	90 100	90 100	48,0
50,0									35,0	124,5	87 700	89 400	50,0
52,0									28,4	121,0	83 300	89 200	52,0
54,0									19,5	116,0	78 900	87 900	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

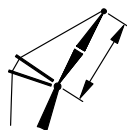
ASME B30.5



400 000 kg



104,0 m

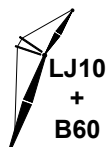


35,0 m

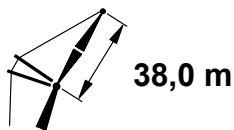
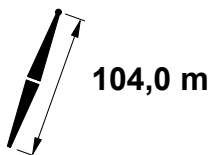
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	64,0	134,3	80 500 b	96 200 b									46,0
48,0	60,2	133,2	76 100	95 900									48,0
50,0	56,2	131,8	72 000	95 300									50,0
52,0	52,1	130,3	68 100	94 700									52,0
54,0	47,6	128,4	64 600	93 800									54,0
56,0	42,8	126,3	61 300	92 500									56,0
58,0	37,5	123,7	58 200	91 700	57,5	129,5	44 900	93 700					58,0
60,0	31,4	120,6	55 200	91 000	53,4	128,0	42 500	93 100					60,0
62,0	23,7	116,3	52 400	88 700	49,1	126,2	40 300	90 400					62,0
64,0	11,3	109,0	49 500	85 100	44,4	124,2	38 200	86 800					64,0
66,0					39,3	121,8	36 200	83 500					66,0
68,0					33,5	118,8	34 200	80 400					68,0
72,0									45,3	121,0	20 600	67 100	72,0
76,0									34,6	115,9	18 100	62 400	76,0
80,0									18,7	107,1	15 500	58 000	80,0

MLC650 VPC-MAX S-3

ASME B30.5



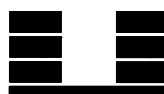
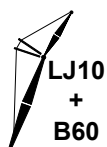
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	74,8	143,1	93 800 c	93 800 c									22,9
24,0	73,0	142,7	93 800 c	93 800 c									24,0
26,0	69,7	142,0	92 000 c	92 000 c									26,0
28,0	66,4	141,1	90 800 b	90 800 b									28,0
30,0	63,1	140,1	89 400 b	89 400 b	69,1	141,4	92 600 b	92 600 b					30,0
32,0	59,6	138,9	87 700	87 700	65,8	140,5	91 800 b	91 800 b					32,0
34,0	55,9	137,5	86 000	86 000	62,4	139,4	90 500 b	90 500 b					34,0
36,0	52,1	136,0	84 300	84 300	58,9	138,2	89 200	89 200	68,1	140,3	92 700 b	92 700 b	36,0
38,0	48,0	134,2	82 900	82 900	55,2	136,8	87 400	87 400	64,8	139,3	92 200 b	92 200 b	38,0
40,0	43,7	132,1	81 300	81 300	51,3	135,2	85 900	85 900	61,3	138,2	91 300 b	91 300 b	40,0
42,0	38,9	129,6	78 400	78 400	47,2	133,4	84 600	84 600	57,7	137,0	90 100	90 100	42,0
44,0	33,5	126,7	75 700	75 700	42,8	131,2	83 400	83 400	54,0	135,5	88 800	88 800	44,0
46,0	27,2	123,0	73 900	73 900	37,9	128,7	81 800	81 800	50,1	133,8	87 500	87 500	46,0
48,0	18,8	117,7	73 200	73 200	32,4	125,6	79 100	79 100	45,9	131,9	86 300	86 300	48,0
50,0					25,8	121,7	77 100	77 100	41,3	129,6	85 300	85 300	50,0
52,0									36,3	127,0	83 600	84 600	52,0
54,0									30,5	123,7	79 400	83 600	54,0
56,0									23,4	119,4	75 400	81 600	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0

MLC650 VPC-MAX S-3

ASME B30.5



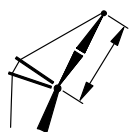
400 000 kg



360°



104,0 m

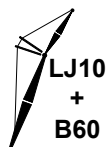


38,0 m

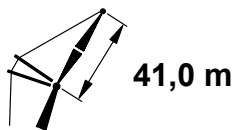
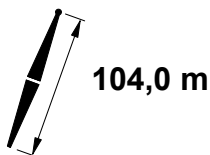
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,8	136,7	76 100	91 100									48,0
50,0	59,3	135,5	72 000	90 800									50,0
52,0	55,6	134,1	68 200	90 300									52,0
54,0	51,8	132,5	64 700	89 700									54,0
56,0	47,7	130,7	61 400	88 600									56,0
58,0	43,3	128,6	58 300	87 700									58,0
60,0	38,5	126,1	55 500	87 000	56,8	131,7	42 500	88 900					60,0
62,0	33,1	123,1	52 700	86 500	53,0	130,2	40 300	88 900					62,0
64,0	26,7	119,3	50 100	85 100	49,0	128,5	38 200	86 800					64,0
66,0	18,0	113,9	47 600	81 900	44,8	126,5	36 300	83 500					66,0
68,0					40,1	124,1	34 400	80 400					68,0
72,0					28,9	117,8	30 900	74 700	49,8	125,3	20 700	67 000	72,0
76,0									41,0	121,0	18 200	62 400	76,0
80,0									30,1	115,0	15 800	58 100	80,0

MLC650 VPC-MAX S-3

ASME B30.5



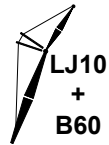
400 000 kg



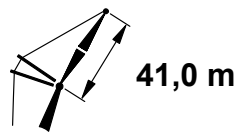
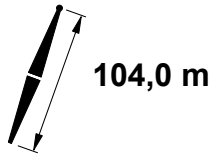
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,7	145,8	87 700 c	87 700 c									24,4
26,0	71,3	145,2	87 100 b	87 100 b									26,0
28,0	68,3	144,4	86 200 b	86 200 b									28,0
30,0	65,2	143,4	85 000 b	85 000 b	70,7	144,6	87 700 b	87 700 b					30,0
32,0	62,0	142,4	83 600	83 600	67,7	143,8	87 000 b	87 000 b					32,0
34,0	58,7	141,1	82 100	82 100	64,6	142,8	86 000 b	86 000 b					34,0
36,0	55,3	139,8	80 300	80 300	61,4	141,7	84 900	84 900					36,0
38,0	51,8	138,2	78 900	78 900	58,1	140,5	83 800	83 800	66,7	142,7	87 300 b	87 300 b	38,0
40,0	48,0	136,4	77 400	77 400	54,7	139,0	81 900	81 900	63,6	141,7	86 700	86 700	40,0
42,0	44,0	134,3	75 000	75 000	51,1	137,4	80 500	80 500	60,4	140,5	85 700	85 700	42,0
44,0	39,7	131,9	72 100	72 100	47,3	135,6	79 300	79 300	57,1	139,2	84 600	84 600	44,0
46,0	34,8	129,1	69 700	69 700	43,2	133,5	78 000	78 000	53,6	137,7	83 800	83 800	46,0
48,0	29,3	125,7	67 800	67 800	38,8	131,0	75 500	75 500	49,9	136,0	82 200	82 200	48,0
50,0	22,4	121,2	66 700	66 700	33,8	128,1	73 000	73 000	46,0	134,1	81 100	81 100	50,0
52,0					28,1	124,5	71 000	71 000	41,9	131,9	80 200	80 200	52,0
54,0					20,8	119,7	69 900	69 900	37,3	129,3	78 300	79 300	54,0
56,0									32,2	126,2	74 400	77 500	56,0
58,0									26,0	122,3	70 700	75 500	58,0
60,0									17,9	116,8	67 200	74 400	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0

MLC650 VPC-MAX S-3

ASME B30.5



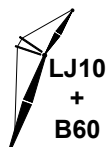
400 000 kg



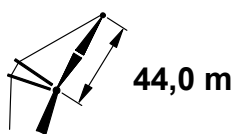
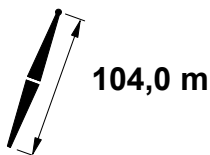
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	61,8	139,0	70 400	85 800									50,0
52,0	58,5	137,7	66 700	85 500									52,0
54,0	55,1	136,3	63 200	85 000									54,0
56,0	51,5	134,7	60 000	84 300									56,0
58,0	47,7	132,9	56 900	83 500									58,0
60,0	43,7	130,8	54 100	82 700									60,0
62,0	39,3	128,4	51 500	82 000	56,2	134,0	38 700	83 200					62,0
64,0	34,4	125,6	48 900	81 400	52,7	132,4	36 700	83 200					64,0
66,0	28,8	122,1	46 500	80 600	49,0	130,7	34 800	82 300					66,0
68,0	21,8	117,4	44 200	77 800	45,0	128,7	32 900	79 300					68,0
72,0					36,1	123,7	29 500	73 600	53,3	129,2	19 000	65 800	72,0
76,0					24,3	116,3	26 300	68 500	45,8	125,5	16 600	61 200	76,0
80,0									37,0	120,7	14 400	57 000	80,0
84,0									25,6	113,6	12 200	53 200	84,0

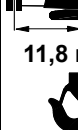
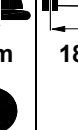
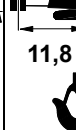
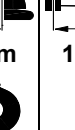
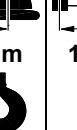
MLC650 VPC-MAX S-3

ASME B30.5



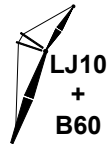
400 000 kg



	 85°					 83°					 80°					
																
24,4	74,8	148,9	82 600 c	82 600 c												24,4
26,0	72,6	148,4	82 500 b	82 500 b												26,0
28,0	69,9	147,7	81 000 b	81 000 b												28,0
30,0	67,0	146,8	80 100 b	80 100 b												30,0
32,0	64,1	145,8	78 900	78 900	69,3	147,1	81 700 b	81 700 b								32,0
34,0	61,1	144,7	77 600	77 600	66,5	146,2	80 900	80 900								34,0
36,0	58,1	143,4	76 400	76 400	63,6	145,2	80 000	80 000								36,0
38,0	54,9	142,0	74 800	74 800	60,6	144,1	78 900	78 900								38,0
40,0	51,6	140,4	73 400	73 400	57,5	142,8	77 900	77 900	65,6	145,0	81 400	81 400				40,0
42,0	48,1	138,6	71 900	71 900	54,2	141,3	76 400	76 400	62,6	144,0	80 700	80 700				42,0
44,0	44,3	136,6	69 400	69 400	50,9	139,7	75 100	75 100	59,6	142,8	79 800	79 800				44,0
46,0	40,3	134,3	66 800	66 800	47,4	137,8	73 900	73 900	56,5	141,5	78 900	78 900				46,0
48,0	35,9	131,5	64 500	64 500	43,6	135,8	72 500	72 500	53,2	140,0	77 800	77 800				48,0
50,0	31,0	128,3	62 600	62 600	39,5	133,4	70 100	70 100	49,8	138,3	76 800	76 800				50,0
52,0	25,1	124,3	61 300	61 300	35,0	130,5	67 700	67 700	46,2	136,4	75 800	75 800				52,0
54,0	17,3	118,6	61 000	61 000	29,9	127,2	65 800	65 800	42,4	134,2	74 900	74 900				54,0
56,0					23,8	122,9	64 500	64 500	38,2	131,7	73 400	74 300				56,0
58,0									33,6	128,7	70 100	72 200				58,0
60,0									28,2	125,1	66 700	70 200				60,0
62,0									21,6	120,5	63 500	68 900				62,0
64,0										11,3	112,8	60 300	68 600			64,0
66,0																66,0
68,0																68,0
72,0																72,0
76,0																76,0
80,0																80,0
84,0																84,0
88,0																88,0

MLC650 VPC-MAX S-3

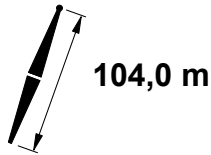
ASME B30.5



400 000 kg



360°



104,0 m

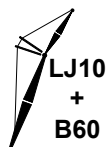


44,0 m

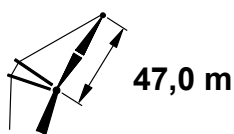
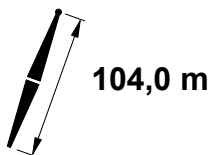
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	60,9	141,3	65 700	80 100									52,0
54,0	57,8	140,0	62 200	79 800									54,0
56,0	54,6	138,6	59 000	79 400									56,0
58,0	51,3	137,0	56 000	78 900									58,0
60,0	47,8	135,2	53 200	78 000									60,0
62,0	44,0	133,1	50 600	77 300									62,0
64,0	40,0	130,8	48 100	76 700	55,7	136,3	35 700	77 700					64,0
66,0	35,6	128,0	45 800	76 200	52,4	134,7	33 800	77 700					66,0
68,0	30,6	124,7	43 500	75 100	48,9	133,0	32 000	77 600					68,0
72,0	16,6	114,7	39 200	70 200	41,4	128,7	28 600	72 900					72,0
76,0					32,3	123,0	25 600	67 800	49,6	129,7	15 600	60 400	76,0
80,0					19,5	114,1	22 700	63 200	42,1	125,6	13 500	56 300	80,0
84,0									33,2	120,1	11 400	52 500	84,0
88,0									21,0	111,6	9 400	49 000	88,0

MLC650 VPC-MAX S-3

ASME B30.5



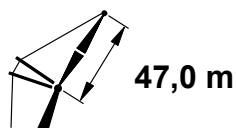
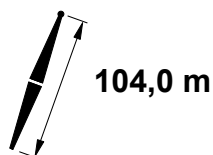
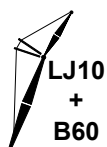
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,9	151,6	77 400 b	77 400 b									25,9
26,0	73,8	151,6	77 400 b	77 400 b									26,0
28,0	71,2	150,9	76 800 b	76 800 b									28,0
30,0	68,6	150,1	76 000	76 000									30,0
32,0	65,9	149,2	75 000	75 000	70,7	150,3	77 300 b	77 300 b					32,0
34,0	63,2	148,1	73 900	73 900	68,1	149,5	76 800	76 800					34,0
36,0	60,3	147,0	72 800	72 800	65,4	148,5	76 000	76 000					36,0
38,0	57,5	145,7	71 600	71 600	62,6	147,5	75 000	75 000					38,0
40,0	54,5	144,3	70 000	70 000	59,8	146,3	74 000	74 000	67,2	148,3	77 000	77 000	40,0
42,0	51,3	142,7	68 800	68 800	56,9	145,0	72 900	72 900	64,5	147,4	76 600	76 600	42,0
44,0	48,0	140,9	66 700	66 700	53,9	143,5	71 600	71 600	61,8	146,3	75 900	75 900	44,0
46,0	44,6	138,8	64 100	64 100	50,7	141,9	70 500	70 500	58,9	145,1	75 100	75 100	46,0
48,0	40,9	136,5	61 600	61 600	47,4	140,1	69 400	69 400	56,0	143,7	74 200	74 200	48,0
50,0	36,8	133,9	59 500	59 500	43,9	138,0	67 400	67 400	52,9	142,2	73 200	73 200	50,0
52,0	32,4	130,8	57 700	57 700	40,1	135,6	65 000	65 000	49,7	140,5	72 200	72 200	52,0
54,0	27,2	127,1	56 400	56 400	36,0	132,9	62 700	62 700	46,3	138,6	71 300	71 300	54,0
56,0	20,8	122,2	55 700	55 700	31,4	129,7	60 900	60 900	42,8	136,4	70 500	70 500	56,0
58,0					26,1	125,8	59 400	59 400	38,9	134,0	68 900	69 500	58,0
60,0					19,3	120,6	58 800	58 800	34,7	131,2	65 600	67 200	60,0
62,0									29,9	127,8	62 500	65 300	62,0
64,0									24,2	123,6	59 500	63 800	64,0
66,0									16,6	117,7	56 600	63 100	66,0
68,0													68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0

MLC650 VPC-MAX S-3

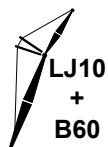
ASME B30.5



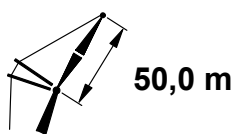
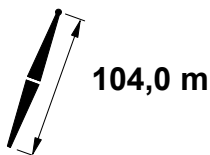
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
25,9												25,9
26,0												26,0
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0	63,0	144,7	64 100	75 500								52,0
54,0	60,1	143,6	60 700	75 400								54,0
56,0	57,2	142,3	57 500	75 300								56,0
58,0	54,2	140,8	54 600	75 000								58,0
60,0	51,1	139,2	51 800	74 200								60,0
62,0	47,8	137,4	49 200	73 600								62,0
64,0	44,3	135,3	46 700	72 900	58,2	139,9	34 100	73 000				64,0
66,0	40,6	133,0	44 400	72 300	55,2	138,5	32 200	73 000				66,0
68,0	36,5	130,4	42 300	71 900	52,1	136,9	30 400	73 000				68,0
72,0	26,8	123,4	38 200	69 100	45,5	133,2	27 200	71 700				72,0
76,0	9,6	109,9	34 200	64 200	37,9	128,5	24 200	66 700	52,7	133,7	59 100	76,0
80,0					28,5	121,9	21 500	62 200	46,1	130,0	55 100	80,0
84,0									38,6	125,4	51 400	84,0
88,0									29,5	119,1	48 000	88,0
92,0									15,9	108,7	44 700	92,0

MLC650 VPC-MAX S-3

ASME B30.5



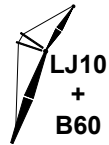
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	74,9	154,7	75 800 b	75 800 b									25,9
26,0	74,8	154,7	75 800 b	75 800 b									26,0
28,0	72,4	154,0	74 300 b	74 300 b									28,0
30,0	69,9	153,3	72 500	72 500									30,0
32,0	67,4	152,4	71 700	71 700	71,9	153,5	73 500	73 500					32,0
34,0	64,9	151,5	70 700	70 700	69,4	152,7	73 100	73 100					34,0
36,0	62,3	150,4	69 500	69 500	67,0	151,9	72 500	72 500					36,0
38,0	59,6	149,3	68 600	68 600	64,4	150,9	71 700	71 700					38,0
40,0	56,9	147,9	67 100	67 100	61,8	149,8	70 900	70 900	68,7	151,6	73 100	73 100	40,0
42,0	54,1	146,5	65 900	65 900	59,1	148,6	69 800	69 800	66,2	150,7	72 900	72 900	42,0
44,0	51,1	144,9	64 500	64 500	56,4	147,3	68 600	68 600	63,6	149,7	72 400	72 400	44,0
46,0	48,0	143,1	62 000	62 000	53,5	145,8	67 600	67 600	61,0	148,6	71 800	71 800	46,0
48,0	44,8	141,1	59 600	59 600	50,5	144,1	66 800	66 800	58,3	147,3	71 000	71 000	48,0
50,0	41,3	138,8	57 300	57 300	47,4	142,3	65 200	65 200	55,5	146,0	70 100	70 100	50,0
52,0	37,6	136,2	55 300	55 300	44,1	140,2	62 900	62 900	52,6	144,4	69 200	69 200	52,0
54,0	33,5	133,3	53 600	53 600	40,6	137,9	60 600	60 600	49,6	142,7	68 300	68 300	54,0
56,0	28,9	129,8	52 200	52 200	36,8	135,3	58 500	58 500	46,4	140,8	67 500	67 500	56,0
58,0	23,4	125,4	51 300	51 300	32,7	132,2	56 700	56 700	43,1	138,7	66 700	66 700	58,0
60,0	16,0	119,3	51 200	51 200	27,9	128,6	55 200	55 200	39,5	136,3	65 100	65 100	60,0
62,0					22,1	124,0	54 300	54 300	35,6	133,5	62 300	63 000	62,0
64,0					14,1	117,2	54 200	54 200	31,3	130,3	59 300	61 100	64,0
66,0									26,3	126,4	56 600	59 600	66,0
68,0									20,0	121,4	53 900	58 600	68,0
72,0													72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

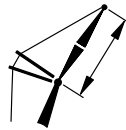
ASME B30.5



400 000 kg



104,0 m

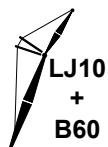


50,0 m

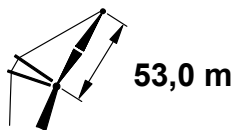
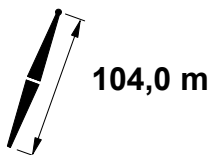
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
25,9												25,9
26,0												26,0
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0	64,7	148,1	63 600	71 300								52,0
54,0	62,1	147,0	60 200	71 300								54,0
56,0	59,4	145,8	57 100	71 300								56,0
58,0	56,7	144,5	54 100	71 300								58,0
60,0	53,9	143,1	51 400	70 800								60,0
62,0	50,9	141,4	48 800	70 300								62,0
64,0	47,8	139,6	46 400	69 700								64,0
66,0	44,5	137,6	44 100	69 100	57,6	142,1	31 700	69 000				66,0
68,0	41,1	135,3	41 900	68 600	54,8	140,7	30 000	69 000				68,0
72,0	33,2	129,7	37 900	67 600	48,8	137,4	26 700	69 000				72,0
76,0	22,9	121,7	34 200	64 000	42,2	133,3	23 800	66 400				76,0
80,0					34,6	127,9	21 100	61 900	49,4	134,2	54 700	80,0
84,0					24,8	120,4	18 600	57 800	42,8	130,1	51 000	84,0
88,0									35,3	124,9	47 600	88,0
92,0									25,9	117,7	44 500	92,0
96,0									9,1	103,7	41 500	96,0

MLC650 VPC-MAX S-3

ASME B30.5



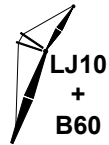
400 000 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	74,1	157,4	69 300 b	69 300 b									27,4
28,0	73,4	157,2	69 300 b	69 300 b									28,0
30,0	71,1	156,5	68 800	68 800									30,0
32,0	68,8	155,7	68 100	68 100	73,0	156,7	69 400	69 400					32,0
34,0	66,4	154,8	67 200	67 200	70,7	156,0	69 200	69 200					34,0
36,0	64,0	153,9	66 300	66 300	68,3	155,2	68 800	68 800					36,0
38,0	61,6	152,8	65 300	65 300	66,0	154,3	68 200	68 200					38,0
40,0	59,0	151,6	64 200	64 200	63,6	153,2	67 400	67 400					40,0
42,0	56,4	150,2	62 900	62 900	61,1	152,1	66 600	66 600	67,6	154,0	68 900	68 900	42,0
44,0	53,8	148,8	61 800	61 800	58,5	150,9	65 500	65 500	65,2	153,1	68 600	68 600	44,0
46,0	51,0	147,1	59 700	59 700	55,9	149,5	64 400	64 400	62,8	152,1	68 100	68 100	46,0
48,0	48,1	145,3	57 300	57 300	53,2	148,0	63 400	63 400	60,3	150,9	67 500	67 500	48,0
50,0	45,0	143,3	55 100	55 100	50,4	146,4	62 500	62 500	57,7	149,6	66 800	66 800	50,0
52,0	41,8	141,1	53 000	53 000	47,5	144,5	60 700	60 700	55,1	148,2	66 000	66 000	52,0
54,0	38,3	138,6	51 100	51 100	44,4	142,5	58 400	58 400	52,4	146,7	65 100	65 100	54,0
56,0	34,5	135,7	49 500	49 500	41,1	140,2	56 300	56 300	49,5	145,0	64 300	64 300	56,0
58,0	30,3	132,4	48 200	48 200	37,6	137,7	54 300	54 300	46,6	143,1	63 600	63 600	58,0
60,0	25,5	128,4	47 200	47 200	33,8	134,7	52 600	52 600	43,4	141,0	62 600	62 600	60,0
62,0	19,5	123,2	46 900	46 900	29,5	131,3	51 200	51 200	40,1	138,6	60 800	60 800	62,0
64,0	10,1	114,7	46 900	46 900	24,4	127,1	50 100	50 100	36,5	136,0	58 200	58 800	64,0
66,0					18,1	121,5	49 700	49 700	32,5	132,9	55 500	57 000	66,0
68,0									28,0	129,2	52 900	55 400	68,0
72,0									15,6	118,4	48 000	53 800	72,0
76,0													76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0

MLC650 VPC-MAX S-3

ASME B30.5



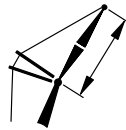
400 000 kg



360°



104,0 m

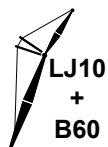


53,0 m

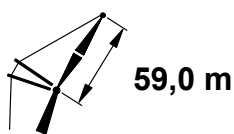
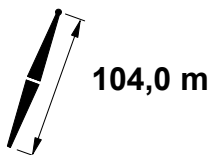
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
27,4												27,4
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0	63,8	150,5	58 700	67 200								54,0
56,0	61,4	149,4	55 600	67 200								56,0
58,0	58,9	148,1	52 600	67 200								58,0
60,0	56,2	146,8	49 900	67 100								60,0
62,0	53,6	145,3	47 400	66 700								62,0
64,0	50,8	143,7	45 000	66 300								64,0
66,0	47,8	141,9	42 700	65 700								66,0
68,0	44,8	139,9	40 600	65 200	57,1	144,4	28 400	64 800				68,0
72,0	38,0	135,1	36 600	64 300	51,7	141,4	25 200	64 800				72,0
76,0	30,0	128,8	33 100	62 700	45,8	137,7	22 400	64 700				76,0
80,0	18,9	119,4	29 700	58 700	39,2	133,1	19 800	60 800	52,2	138,2	53 400	80,0
84,0					31,4	127,2	17 300	56 800	46,3	134,5	49 800	84,0
88,0					21,1	118,5	15 000	53 100	39,8	130,0	46 500	88,0
92,0									32,2	124,2	43 500	92,0
96,0									22,3	115,9	40 600	96,0

MLC650 VPC-MAX S-3

ASME B30.5



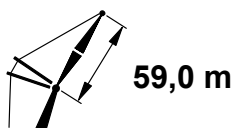
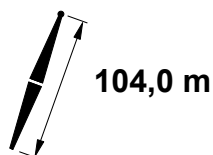
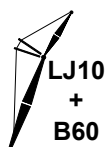
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	74,2	163,2	62 000	62 000									29,0
30,0	73,1	162,9	61 900	61 900									30,0
32,0	71,1	162,2	61 500	61 500									32,0
34,0	69,0	161,4	60 900	60 900									34,0
36,0	66,9	160,5	60 200	60 200	70,7	161,6	62 000	62 000					36,0
38,0	64,7	159,6	59 400	59 400	68,6	160,8	61 600	61 600					38,0
40,0	62,5	158,5	58 600	58 600	66,5	159,9	61 100	61 100					40,0
42,0	60,3	157,4	57 600	57 600	64,3	159,0	60 400	60 400					42,0
44,0	58,0	156,1	56 600	56 600	62,1	157,9	59 700	59 700	67,9	159,7	61 600	61 600	44,0
46,0	55,6	154,7	55 500	55 500	59,8	156,7	59 000	59 000	65,8	158,8	61 400	61 400	46,0
48,0	53,2	153,2	53 500	53 500	57,5	155,5	58 000	58 000	63,6	157,8	61 100	61 100	48,0
50,0	50,7	151,6	51 400	51 400	55,2	154,1	57 700	57 700	61,4	156,7	60 600	60 600	50,0
52,0	48,1	149,8	49 400	49 400	52,7	152,5	56 300	56 300	59,1	155,5	60 000	60 000	52,0
54,0	45,4	147,8	47 500	47 500	50,2	150,9	54 700	54 700	56,8	154,2	59 400	59 400	54,0
56,0	42,5	145,7	45 700	45 700	47,6	149,0	52 600	52 600	54,4	152,7	58 700	58 700	56,0
58,0	39,4	143,3	44 100	44 100	44,8	147,0	50 700	50 700	52,0	151,2	58 000	58 000	58,0
60,0	36,2	140,5	42 700	42 700	41,9	144,8	48 900	48 900	49,4	149,5	57 400	57 400	60,0
62,0	32,6	137,5	41 500	41 500	38,8	142,3	47 200	47 200	46,7	147,6	56 700	56 700	62,0
64,0	28,7	133,9	40 400	40 400	35,5	139,6	45 600	45 600	43,9	145,5	55 100	55 100	64,0
66,0	24,1	129,6	39 800	39 800	31,9	136,4	44 300	44 300	41,0	143,2	53 300	53 300	66,0
68,0	18,4	124,1	39 600	39 600	27,8	132,7	43 200	43 200	37,8	140,7	51 400	51 500	68,0
72,0					17,0	122,4	42 200	42 200	30,7	134,5	46 800	48 500	72,0
76,0									21,4	125,8	42 500	46 500	76,0
80,0													80,0
84,0													84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0

MLC650 VPC-MAX S-3

ASME B30.5



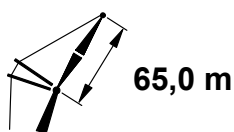
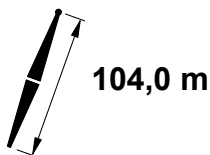
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
29,0												29,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	62,4	155,1	50 600	59 800								58,0
60,0	60,1	154,0	47 900	59 800								60,0
62,0	57,8	152,7	45 400	59 800								62,0
64,0	55,5	151,3	43 100	59 800								64,0
66,0	53,0	149,8	40 900	59 500								66,0
68,0	50,5	148,2	38 800	59 200								68,0
72,0	45,2	144,4	34 900	58 400	56,2	149,0	23 200	57 400				72,0
76,0	39,2	139,7	31 400	57 600	51,3	145,9	20 400	57 400				76,0
80,0	32,4	133,9	28 300	56 400	46,0	142,2	17 900	57 400				80,0
84,0	23,7	126,0	25 300	53 400	40,2	137,7	15 600	55 100	51,8	142,6	48 200	84,0
88,0	8,4	110,8	22 300	49 700	33,5	132,1	13 400	51 700	46,5	139,0	44 900	88,0
92,0					25,3	124,7	11 400	48 400	40,8	134,6	42 000	92,0
96,0					12,4	112,0	9 300	44 700	34,2	129,2	39 200	96,0
100,0									26,1	121,9	36 700	100,0
104,0									14,1	110,1	34 200	104,0

MLC650 VPC-MAX S-3

ASME B30.5



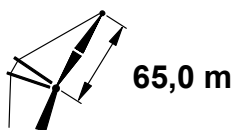
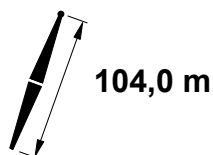
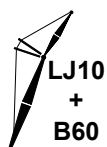
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	74,3	169,0	55 500	55 500									30,5
32,0	72,9	168,5	55 300	55 300									32,0
34,0	71,0	167,8	54 900	54 900									34,0
36,0	69,1	167,1	54 400	54 400									36,0
38,0	67,2	166,2	53 800	53 800	70,7	167,3	55 400	55 400					38,0
40,0	65,3	165,3	53 100	53 100	68,8	166,5	55 100	55 100					40,0
42,0	63,3	164,3	52 400	52 400	66,8	165,6	54 600	54 600					42,0
44,0	61,3	163,2	51 500	51 500	64,9	164,7	54 100	54 100					44,0
46,0	59,2	162,0	50 700	50 700	62,9	163,7	53 500	53 500	68,2	165,4	55 000	55 000	46,0
48,0	57,1	160,7	49 600	49 600	60,9	162,5	52 900	52 900	66,2	164,5	54 900	54 900	48,0
50,0	55,0	159,3	47 900	47 900	58,8	161,3	52 100	52 100	64,3	163,5	54 600	54 600	50,0
52,0	52,8	157,7	46 100	46 100	56,7	160,0	51 400	51 400	62,3	162,5	54 300	54 300	52,0
54,0	50,5	156,1	44 300	44 300	54,5	158,6	50 600	50 600	60,3	161,3	53 800	53 800	54,0
56,0	48,1	154,3	42 600	42 600	52,3	157,0	49 200	49 200	58,2	160,1	53 300	53 300	56,0
58,0	45,6	152,3	41 000	41 000	50,0	155,3	47 400	47 400	56,1	158,7	52 800	52 800	58,0
60,0	43,1	150,2	39 500	39 500	47,6	153,5	45 700	45 700	53,9	157,2	52 200	52 200	60,0
62,0	40,3	147,9	38 100	38 100	45,1	151,5	44 000	44 000	51,6	155,7	51 600	51 600	62,0
64,0	37,5	145,3	36 800	36 800	42,5	149,4	42 500	42 500	49,3	153,9	51 100	51 100	64,0
66,0	34,4	142,4	35 700	35 700	39,8	147,0	41 000	41 000	46,9	152,1	49 900	49 900	66,0
68,0	31,0	139,1	34 800	34 800	36,9	144,3	39 700	39 700	44,4	150,0	48 300	48 300	68,0
72,0	22,9	130,8	33 600	33 600	30,3	138,0	37 400	37 400	38,9	145,3	45 100	45 200	72,0
76,0	9,0	115,6	33 400	33 400	21,9	129,4	36 100	36 100	32,7	139,5	41 200	42 500	76,0
80,0									25,1	131,9	37 500	40 400	80,0
84,0									13,9	119,9	33 900	39 600	84,0
88,0													88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0

MLC650 VPC-MAX S-3

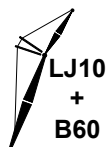
ASME B30.5



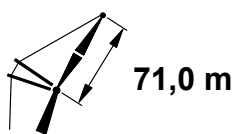
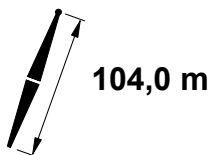
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
30,5												30,5
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	63,1	160,9	46 000	53 300								60,0
62,0	61,1	159,8	43 500	53 300								62,0
64,0	59,1	158,6	41 100	53 300								64,0
66,0	57,0	157,2	39 000	53 300								66,0
68,0	54,8	155,8	36 900	53 300								68,0
72,0	50,3	152,6	33 100	52 800								72,0
76,0	45,4	148,9	29 700	52 200	55,5	153,5	18 400	50 900				76,0
80,0	40,1	144,4	26 600	51 500	51,0	150,4	15 900	50 900				80,0
84,0	34,1	138,8	23 800	50 000	46,3	146,7	13 700	50 900				84,0
88,0	26,9	131,7	21 200	47 500	41,0	142,3	11 600	49 600	51,5	147,1	43 300	88,0
92,0	17,0	121,2	18 700	45 200	35,2	137,0	9 700	46 700	46,7	143,5	40 400	92,0
96,0					28,2	130,2		43 700	41,5	139,2	37 700	96,0
100,0					18,9	120,5		40 600	35,7	134,0	35 200	100,0
104,0									28,9	127,4	32 900	104,0
108,0									20,0	118,0	30 700	108,0

MLC650 VPC-MAX S-3

ASME B30.5



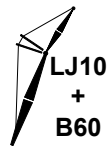
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,4	174,8	49 700	49 700									32,0
34,0	72,7	174,2	49 500	49 500									34,0
36,0	71,0	173,5	49 200	49 200									36,0
38,0	69,2	172,7	48 800	48 800									38,0
40,0	67,5	171,9	48 300	48 300	70,6	172,9	49 500	49 500					40,0
42,0	65,7	171,0	47 700	47 700	68,9	172,1	49 300	49 300					42,0
44,0	63,9	170,0	47 000	47 000	67,1	171,3	49 000	49 000					44,0
46,0	62,1	168,9	46 500	46 500	65,4	170,4	48 500	48 500					46,0
48,0	60,2	167,7	45 700	45 700	63,6	169,4	48 000	48 000	68,4	171,0	49 100	49 100	48,0
50,0	58,3	166,5	44 600	44 600	61,7	168,3	47 600	47 600	66,6	170,1	49 000	49 000	50,0
52,0	56,4	165,2	43 100	43 100	59,9	167,1	47 000	47 000	64,8	169,2	48 900	48 900	52,0
54,0	54,4	163,7	41 500	41 500	58,0	165,8	46 300	46 300	63,0	168,2	48 600	48 600	54,0
56,0	52,4	162,2	40 000	40 000	56,0	164,5	45 700	45 700	61,2	167,1	48 300	48 300	56,0
58,0	50,3	160,5	38 500	38 500	54,0	163,0	44 500	44 500	59,3	165,9	47 900	47 900	58,0
60,0	48,1	158,7	37 000	37 000	52,0	161,5	42 900	42 900	57,4	164,6	47 500	47 500	60,0
62,0	45,8	156,8	35 600	35 600	49,8	159,8	41 400	41 400	55,4	163,2	47 100	47 100	62,0
64,0	43,5	154,7	34 400	34 400	47,7	157,9	40 000	40 000	53,4	161,7	46 600	46 600	64,0
66,0	41,0	152,4	33 200	33 200	45,4	156,0	38 500	38 500	51,3	160,1	46 100	46 100	66,0
68,0	38,5	149,9	32 100	32 100	43,0	153,8	37 200	37 200	49,2	158,4	45 300	45 300	68,0
72,0	32,8	144,1	30 200	30 200	37,9	149,0	34 800	34 800	44,7	154,5	42 600	42 600	72,0
76,0	25,9	136,6	28 900	28 900	32,2	143,0	32 700	32 700	39,8	149,9	39 900	39 900	76,0
80,0	16,6	125,8	28 500	28 500	25,2	135,4	31 300	31 300	34,3	144,4	36 600	37 500	80,0
84,0					15,4	123,9	30 800	30 800	27,8	137,4	33 200	35 600	84,0
88,0									19,3	127,8	30 000	34 400	88,0
92,0													92,0
96,0													96,0
100,0													100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0

MLC650 VPC-MAX S-3

ASME B30.5



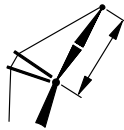
400 000 kg



360°



104,0 m

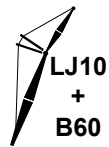


71,0 m

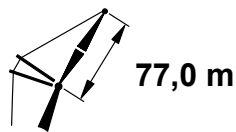
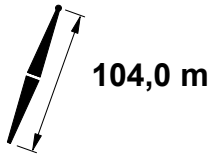
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0	63,8	166,6	42 100	47 100								62,0
64,0	62,0	165,5	39 700	47 100								64,0
66,0	60,1	164,3	37 600	47 100								66,0
68,0	58,2	163,1	35 600	47 100								68,0
72,0	54,2	160,3	31 800	47 100								72,0
76,0	50,1	157,1	28 500	47 100								76,0
80,0	45,7	153,3	25 400	46 700	54,9	158,0	14 500	44 900				80,0
84,0	40,9	148,9	22 700	46 200	50,8	154,8	12 300	44 900				84,0
88,0	35,5	143,6	20 100	44 700	46,4	151,1	10 300	44 900				88,0
92,0	29,3	137,0	17 800	42 400	41,7	146,8		44 600	51,2	151,6	39 300	92,0
96,0	21,4	128,2	15 600	40 500	36,4	141,7		42 300	46,8	147,9	36 600	96,0
100,0					30,4	135,4		39 700	42,1	143,7	34 200	100,0
104,0					22,9	127,0		36 900	36,9	138,7	31 900	104,0
108,0					11,0	112,9		34 000	31,0	132,5	29 800	108,0
112,0									23,6	124,3	27 800	112,0
116,0									12,6	111,3	25 800	116,0

MLC650 VPC-MAX S-3

ASME B30.5



400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	74,4	180,6	43 100	43 100									33,5
34,0	74,1	180,5	43 100	43 100									34,0
36,0	72,5	179,8	43 000	43 000									36,0
38,0	70,9	179,1	42 700	42 700									38,0
40,0	69,3	178,4	42 400	42 400									40,0
42,0	67,7	177,5	42 000	42 000	72,2	179,3	43 100	43 100					42,0
44,0	66,1	176,6	41 600	41 600	70,6	178,6	43 000	43 000					44,0
46,0	64,4	175,7	41 100	41 100	69,0	177,8	42 800	42 800					46,0
48,0	62,8	174,6	40 600	40 600	67,4	177,0	42 600	42 600					48,0
50,0	61,1	173,5	40 100	40 100	65,8	176,1	42 300	42 300					50,0
52,0	59,3	172,3	39 500	39 500	64,1	175,1	41 900	41 900	68,5	176,7	42 500	42 500	52,0
54,0	57,6	171,1	38 400	38 400	62,4	174,0	41 500	41 500	66,9	175,8	42 500	42 500	54,0
56,0	55,8	169,7	37 000	37 000	60,7	172,9	41 100	41 100	65,3	174,9	42 400	42 400	56,0
58,0	53,9	168,2	35 700	35 700	59,0	171,7	40 600	40 600	63,6	173,9	42 300	42 300	58,0
60,0	52,0	166,7	34 400	34 400	57,2	170,4	40 100	40 100	61,9	172,8	42 000	42 000	60,0
62,0	50,1	165,0	33 200	33 200	55,4	169,0	39 500	39 500	60,2	171,7	41 800	41 800	62,0
64,0	48,1	163,2	32 000	32 000	53,6	167,5	38 400	38 400	58,5	170,4	41 500	41 500	64,0
66,0	46,0	161,3	30 800	30 800	51,7	165,9	37 200	37 200	56,7	169,1	41 200	41 200	66,0
68,0	43,9	159,2	29 700	29 700	49,7	164,2	35 900	35 900	54,9	167,7	40 800	40 800	68,0
72,0	39,3	154,5	27 700	27 700	47,7	162,4	34 700	34 700	53,0	166,2	40 500	40 500	72,0
76,0	34,2	149,0	26 000	26 000	43,5	158,4	32 400	32 400	49,1	162,8	39 600	39 600	76,0
80,0	28,3	142,1	24 800	24 800	38,8	153,6	30 300	30 300	45,0	159,0	37 200	37 200	80,0
84,0	20,9	133,0	24 200	24 200	33,7	148,0	28 500	28 500	40,5	154,5	34 800	35 000	84,0
88,0	8,0	116,2	24 100	24 100	27,7	140,9	27 100	27 100	35,6	149,2	31 600	32 900	88,0
92,0					20,0	131,4	26 300	26 300	29,9	142,7	28 600	31 200	92,0
96,0									22,9	134,3	25 800	29 900	96,0
100,0									12,6	121,0	23 100	29 500	100,0
104,0													104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0

MLC650 VPC-MAX S-3

ASME B30.5



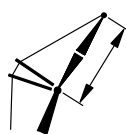
400 000 kg



360°



104,0 m

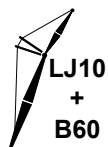


77,0 m

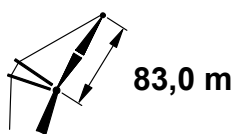
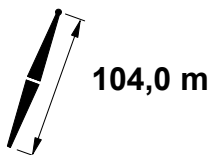
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	64,3	172,3	37 700	40 800								64,0
66,0	62,6	171,2	35 600	40 800								66,0
68,0	60,9	170,1	33 500	40 800								68,0
72,0	57,4	167,6	29 800	40 800								72,0
76,0	53,8	164,8	26 500	40 800								76,0
80,0	50,0	161,6	23 600	40 800	58,0	165,3	38 700					80,0
84,0	45,9	157,8	20 800	40 600	54,4	162,5	38 700					84,0
88,0	41,5	153,5	18 400	40 100	50,6	159,3	38 700					88,0
92,0	36,7	148,4	16 100	39 400	46,5	155,6	38 700					92,0
96,0	31,2	142,2	14 000	37 500	42,2	151,4	38 500	50,9	156,0	35 000		96,0
100,0	24,6	134,3	12 000	35 700	37,5	146,4	36 400	46,9	152,4	32 600		100,0
104,0	15,4	122,7	10 000	33 400	32,1	140,5	34 200	42,6	148,3	30 400		104,0
108,0					25,8	132,9	31 900	37,9	143,4	28 300		108,0
112,0					17,2	122,2	29 500	32,6	137,5	26 400		112,0
116,0								26,4	130,1	24 500		116,0
120,0								18,2	119,9	22 800		120,0

MLC650 VPC-MAX S-3

ASME B30.5



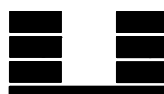
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	74,5	186,4	38 600	38 600									35,1
36,0	73,8	186,1	38 600	38 600									36,0
38,0	72,4	185,5	38 400	38 400									38,0
40,0	70,9	184,8	38 200	38 200									40,0
42,0	69,4	184,0	37 900	37 900									42,0
44,0	67,9	183,2	37 600	37 600	72,1	184,9	38 500	38 500					44,0
46,0	66,4	182,3	37 200	37 200	70,6	184,2	38 500	38 500					46,0
48,0	64,9	181,4	36 800	36 800	69,1	183,5	38 300	38 300					48,0
50,0	63,4	180,4	36 400	36 400	67,6	182,6	38 100	38 100					50,0
52,0	61,8	179,3	35 900	35 900	66,1	181,7	37 800	37 800					52,0
54,0	60,2	178,1	35 300	35 300	64,6	180,8	37 500	37 500	68,7	182,4	38 000	38 000	54,0
56,0	58,6	176,9	34 200	34 200	63,1	179,8	37 200	37 200	67,2	181,5	38 000	38 000	56,0
58,0	56,9	175,6	33 100	33 100	61,5	178,7	36 800	36 800	65,7	180,6	37 900	37 900	58,0
60,0	55,2	174,2	31 900	31 900	59,9	177,5	36 400	36 400	64,1	179,6	37 800	37 800	60,0
62,0	53,5	172,7	30 800	30 800	58,3	176,3	36 000	36 000	62,6	178,6	37 600	37 600	62,0
64,0	51,8	171,2	29 700	29 700	56,6	174,9	35 500	35 500	61,0	177,5	37 400	37 400	64,0
66,0	50,0	169,5	28 700	28 700	54,9	173,5	34 500	34 500	59,4	176,3	37 200	37 200	66,0
68,0	48,1	167,7	27 700	27 700	53,2	172,0	33 400	33 400	57,8	175,0	36 900	36 900	68,0
72,0	44,2	163,7	25 700	25 700	51,4	170,4	32 300	32 300	56,1	173,7	36 600	36 600	72,0
76,0	40,0	159,1	24 000	24 000	47,7	166,9	30 200	30 200	52,6	170,7	36 000	36 000	76,0
80,0	35,4	153,8	22 500	22 500	43,8	162,9	28 200	28 200	49,0	167,3	34 700	34 700	80,0
84,0	30,2	147,4	21 300	21 300	39,6	158,2	26 400	26 400	45,2	163,5	32 700	32 700	84,0
88,0	23,9	139,2	20 600	20 600	34,9	152,8	24 800	24 800	41,1	159,1	30 600	30 700	88,0
92,0	15,3	127,3	20 500	20 500	29,6	146,2	23 500	23 500	36,6	153,9	27 700	29 000	92,0
96,0					23,2	137,9	22 600	22 600	31,6	147,8	24 900	27 400	96,0
100,0					14,1	125,4	22 400	22 400	25,6	140,2	22 400	26 100	100,0
104,0									17,8	129,7	20 000	25 500	104,0
108,0													108,0
112,0													112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0

MLC650 VPC-MAX S-3

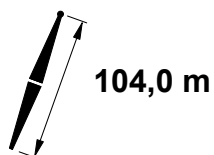
ASME B30.5



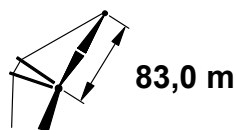
400 000 kg



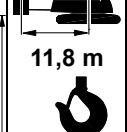
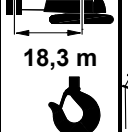
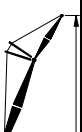
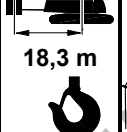
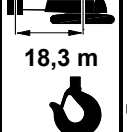
360°



104,0 m

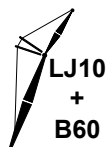


83,0 m

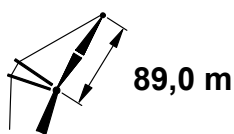
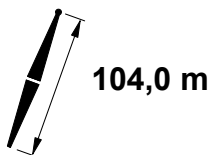
	 75°				 70°				 65°				
 m		 m	 11,8 m kg	 18,3 m kg		 m	 18,3 m kg		 m	 18,3 m kg	 m		
35,1											35,1		
36,0											36,0		
38,0											38,0		
40,0											40,0		
42,0											42,0		
44,0											44,0		
46,0											46,0		
48,0											48,0		
50,0											50,0		
52,0											52,0		
54,0											54,0		
56,0											56,0		
58,0											58,0		
60,0											60,0		
62,0											62,0		
64,0											64,0		
66,0											66,0		
68,0	63,2	177,0	32 100	36 400							68,0		
72,0	60,1	174,7	28 500	36 400							72,0		
76,0	56,8	172,2	25 200	36 400							76,0		
80,0	53,4	169,3	22 300	36 400							80,0		
84,0	49,8	166,0	19 600	36 400	57,3	169,8	34 000				84,0		
88,0	46,1	162,3	17 200	36 200	54,0	167,0	34 000				88,0		
92,0	42,0	158,0	14 900	35 900	50,4	163,8	34 000				92,0		
96,0	37,6	153,1	12 900	35 000	46,7	160,1	34 000	54,3	163,7	31 800	96,0		
100,0	32,7	147,2	11 000	33 300	42,7	155,9	34 000	50,7	160,5	31 400	100,0		
104,0	27,0	139,9		31 800	38,3	151,1	32 800	47,0	156,9	29 300	104,0		
108,0	19,7	130,3		30 300	33,5	145,4	30 900	43,1	152,8	27 200	108,0		
112,0					28,0	138,4	28 900	38,8	148,0	25 400	112,0		
116,0					21,1	129,3	26 700	34,0	142,4	23 600	116,0		
120,0					10,2	114,0	24 400	28,5	135,6	21 900	120,0		
124,0								21,8	126,7	20 300	124,0		
128,0								11,6	112,5	18 700	128,0		

MLC650 VPC-MAX S-3

ASME B30.5



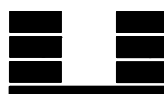
400 000 kg



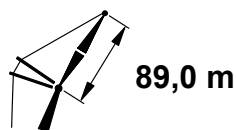
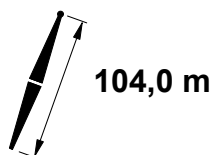
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	74,6	192,2	34 000	34 000									36,6
38,0	73,6	191,8	33 900	33 900									38,0
40,0	72,2	191,2	33 800	33 800									40,0
42,0	70,9	190,5	33 600	33 600									42,0
44,0	69,5	189,7	33 300	33 300									44,0
46,0	68,1	188,9	33 100	33 100	72,0	190,6	33 900	33 900					46,0
48,0	66,7	188,0	32 700	32 700	70,6	189,9	33 800	33 800					48,0
50,0	65,3	187,1	32 400	32 400	69,2	189,1	33 700	33 700					50,0
52,0	63,9	186,1	32 100	32 100	67,8	188,3	33 500	33 500					52,0
54,0	62,4	185,1	31 600	31 600	66,4	187,4	33 300	33 300					54,0
56,0	60,9	183,9	31 000	31 000	65,0	186,5	33 000	33 000	68,8	188,0	33 300	33 300	56,0
58,0	59,4	182,7	30 000	30 000	63,6	185,5	32 700	32 700	67,4	187,2	33 300	33 300	58,0
60,0	57,9	181,5	29 100	29 100	62,1	184,4	32 500	32 500	66,0	186,3	33 200	33 200	60,0
62,0	56,4	180,2	28 100	28 100	60,6	183,3	32 100	32 100	64,6	185,3	33 100	33 100	62,0
64,0	54,8	178,7	27 100	27 100	59,1	182,1	31 800	31 800	63,1	184,3	33 000	33 000	64,0
66,0	53,2	177,2	26 200	26 200	57,6	180,8	31 400	31 400	61,7	183,2	32 800	32 800	66,0
68,0	51,5	175,6	25 300	25 300	56,1	179,5	30 500	30 500	60,2	182,1	32 700	32 700	68,0
72,0	48,1	172,2	23 500	23 500	54,5	178,0	29 500	29 500	58,7	180,9	32 500	32 500	72,0
76,0	44,5	168,2	21 900	21 900	51,2	174,9	27 700	27 700	55,6	178,2	32 000	32 000	76,0
80,0	40,6	163,7	20 400	20 400	47,8	171,4	25 900	25 900	52,4	175,2	31 500	31 500	80,0
84,0	36,4	158,5	19 100	19 100	44,1	167,4	24 200	24 200	49,0	171,8	30 000	30 000	84,0
88,0	31,7	152,4	18 000	18 000	40,2	162,8	22 600	22 600	45,4	168,0	28 300	28 300	88,0
92,0	26,2	144,9	17 200	17 200	36,0	157,6	21 200	21 200	41,6	163,6	25 900	26 600	92,0
96,0	19,3	135,0	16 900	16 900	31,2	151,4	20 100	20 100	37,5	158,6	23 200	25 100	96,0
100,0					25,7	143,7	19 200	19 200	32,9	152,8	20 700	23 700	100,0
104,0					18,5	133,4	18 800	18 800	27,7	145,7	18 400	22 500	104,0
108,0									21,3	136,6	16 200	21 700	108,0
112,0									11,7	122,3	14 000	21 500	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0

MLC650 VPC-MAX S-3

ASME B30.5



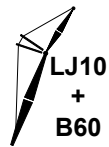
400 000 kg



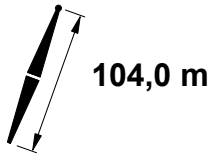
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m	
36,6												36,6
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0												68,0
72,0	62,3	181,7	26 400	31 500								72,0
76,0	59,3	179,3	23 200	31 500								76,0
80,0	56,2	176,7	20 200	31 500								80,0
84,0	53,1	173,8	17 600	31 500	59,8	176,9	29 200					84,0
88,0	49,7	170,5	15 200	31 500	56,7	174,4	29 200					88,0
92,0	46,2	166,8	13 000	31 500	53,6	171,5	29 200					92,0
96,0	42,5	162,6	11 000	31 400	50,3	168,2	29 200					96,0
100,0	38,4	157,7		30 600	46,8	164,6	29 200	53,9	168,2	27 000		100,0
104,0	34,0	152,1		29 200	43,1	160,5	29 200	50,6	165,0	27 000		104,0
108,0	28,9	145,3		27 800	39,1	155,7	28 800	47,1	161,4	25 600		108,0
112,0	22,8	136,7		26 700	34,7	150,2	27 000	43,4	157,3	23 800		112,0
116,0	14,3	124,2		24 900	29,8	143,7	24 800	39,5	152,6	22 000		116,0
120,0					23,9	135,5	22 700	35,1	147,2	20 300		120,0
124,0					16,0	123,9	20 700	30,2	140,8	18 600		124,0
128,0								24,5	132,7	17 000		128,0
132,0								16,9	121,6	15 400		132,0

MLC650 VPC-MAX S-3

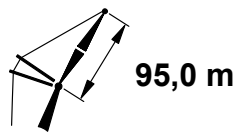
ASME B30.5



400 000 kg



104,0 m

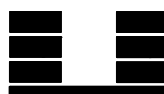


95,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
38,1	74,6	198,0	30 100	30 100									38,1
40,0	73,4	197,5	30 100	30 100									40,0
42,0	72,1	196,8	29 900	29 900									42,0
44,0	70,9	196,1	29 700	29 700									44,0
46,0	69,6	195,4	29 500	29 500	71,9	196,3	30 000	30 000					46,0
48,0	68,3	194,6	29 300	29 300	70,6	195,6	29 900	29 900					48,0
50,0	67,0	193,7	29 000	29 000	69,3	194,8	29 800	29 800					50,0
52,0	65,6	192,8	28 700	28 700	68,0	194,0	29 600	29 600					52,0
54,0	64,3	191,8	28 400	28 400	66,7	193,1	29 400	29 400					54,0
56,0	62,9	190,8	28 000	28 000	65,4	192,2	29 200	29 200	68,9	193,7	29 300	29 300	56,0
58,0	61,6	189,7	27 400	27 400	64,0	191,2	29 000	29 000	67,6	192,9	29 300	29 300	58,0
60,0	60,2	188,6	26 500	26 500	62,7	190,2	28 700	28 700	66,3	192,0	29 300	29 300	60,0
62,0	58,8	187,3	25 700	25 700	61,3	189,1	28 400	28 400	65,0	191,0	29 200	29 200	62,0
64,0	57,3	186,0	24 800	24 800	59,9	187,9	28 200	28 200	63,6	190,0	29 100	29 100	64,0
66,0	55,9	184,7	24 000	24 000	58,5	186,7	27 800	27 800	62,3	189,0	29 000	29 000	66,0
68,0	54,4	183,2	23 200	23 200	57,0	185,4	27 000	27 000	60,9	187,9	28 900	28 900	68,0
72,0	51,3	180,1	21 600	21 600	54,1	182,5	25 400	25 400	58,0	185,4	28 500	28 500	72,0
76,0	48,1	176,6	20 000	20 000	51,0	179,4	23 800	23 800	55,1	182,7	28 100	28 100	76,0
80,0	44,7	172,7	18 600	18 600	47,8	175,9	22 300	22 300	52,1	179,7	27 500	27 500	80,0
84,0	41,2	168,3	17 400	17 400	44,4	171,9	20 800	20 800	48,9	176,3	26 100	26 100	84,0
88,0	37,3	163,3	16 200	16 200	40,8	167,4	19 500	19 500	45,6	172,5	24 600	24 600	88,0
92,0	33,0	157,4	15 200	15 200	36,9	162,3	18 200	18 200	42,1	168,2	22 200	23 100	92,0
96,0	28,1	150,4	14 500	14 500	32,5	156,4	17 200	17 200	38,3	163,3	19 700	21 800	96,0
100,0	22,3	141,6	14 100	14 100	27,6	149,2	16 400	16 400	34,1	157,7	17 400	20 600	100,0
104,0	14,2	128,8	14 100	14 100	21,6	140,2	15 800	15 800	29,4	151,0	15 300	19 500	104,0
108,0					13,2	126,7	15 800	15 800	23,9	142,7	13 300	18 700	108,0
112,0									16,6	131,4	11 400	18 300	112,0
116,0													116,0
120,0													120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0
140,0													140,0

MLC650 VPC-MAX S-3

ASME B30.5



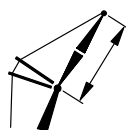
400 000 kg



360°



104,0 m

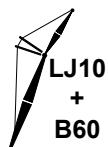


95,0 m

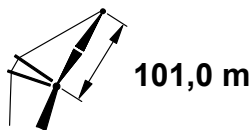
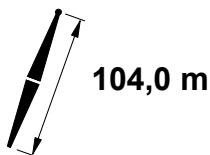
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m	
38,1												38,1
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0												68,0
72,0	64,2	188,4	25 000	27 600								72,0
76,0	61,5	186,3	21 800	27 600								76,0
80,0	58,7	183,9	18 900	27 600								80,0
84,0	55,8	181,3	16 300	27 600								84,0
88,0	52,8	178,3	14 000	27 600	59,1	181,5	25 300					88,0
92,0	49,6	175,0	11 800	27 600	56,2	178,9	25 300					92,0
96,0	46,3	171,3	9 800	27 600	53,2	176,0	25 300					96,0
100,0	42,8	167,1		27 600	50,1	172,7	25 300					100,0
104,0	39,1	162,4		26 900	46,9	169,1	25 300	53,5	172,7	23 100		104,0
108,0	35,0	156,9		25 700	43,4	165,0	25 300	50,4	169,5	23 100		108,0
112,0	30,5	150,5		24 500	39,7	160,4	25 300	47,2	165,9	22 600		112,0
116,0	25,2	142,6		23 500	35,7	155,0	23 700	43,7	161,8	20 800		116,0
120,0	18,4	132,2		22 300	31,2	148,8	21 600	40,1	157,2	19 000		120,0
124,0					26,1	141,2	19 700	36,1	152,0	17 300		124,0
128,0					19,6	131,3	17 800	31,7	145,8	15 700		128,0
132,0					9,5	115,0	15 900	26,6	138,4	14 200		132,0
136,0								20,3	128,8	12 700		136,0
140,0								10,8	113,6	11 200		140,0

MLC650 VPC-MAX S-3

ASME B30.5



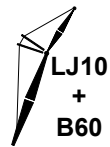
400 000 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
39,6	74,6	203,8	26 300	26 300									39,6
40,0	74,4	203,7	26 300	26 300									40,0
42,0	73,2	203,1	26 200	26 200									42,0
44,0	72,0	202,5	26 000	26 000									44,0
46,0	70,8	201,8	25 900	25 900									46,0
48,0	69,6	201,0	25 700	25 700	71,8	201,9	26 000	26 000					48,0
50,0	68,4	200,2	25 500	25 500	70,6	201,2	26 000	26 000					50,0
52,0	67,2	199,4	25 200	25 200	69,4	200,5	25 900	25 900					52,0
54,0	65,9	198,5	24 900	24 900	68,2	199,7	25 700	25 700					54,0
56,0	64,7	197,5	24 700	24 700	66,9	198,8	25 600	25 600					56,0
58,0	63,4	196,5	24 300	24 300	65,7	197,9	25 400	25 400	69,0	199,4	25 400	25 400	58,0
60,0	62,1	195,5	23 600	23 600	64,4	196,9	25 200	25 200	67,8	198,5	25 400	25 400	60,0
62,0	60,8	194,3	22 900	22 900	63,2	195,9	25 000	25 000	66,6	197,7	25 400	25 400	62,0
64,0	59,5	193,2	22 100	22 100	61,9	194,8	24 700	24 700	65,3	196,7	25 300	25 300	64,0
66,0	58,2	191,9	21 400	21 400	60,6	193,7	24 500	24 500	64,0	195,8	25 200	25 200	66,0
68,0	56,8	190,6	20 700	20 700	59,2	192,5	24 100	24 100	62,8	194,7	25 100	25 100	68,0
72,0	54,0	187,8	19 300	19 300	56,5	189,9	22 700	22 700	60,2	192,5	24 900	24 900	72,0
76,0	51,1	184,6	17 900	17 900	53,8	187,1	21 400	21 400	57,5	190,0	24 600	24 600	76,0
80,0	48,1	181,1	16 600	16 600	50,9	183,9	20 000	20 000	54,7	187,2	24 200	24 200	80,0
84,0	45,0	177,2	15 400	15 400	47,8	180,3	18 700	18 700	51,9	184,2	23 400	23 400	84,0
88,0	41,6	172,9	14 300	14 300	44,6	176,4	17 400	17 400	48,9	180,8	22 100	22 100	88,0
92,0	38,0	167,9	13 300	13 300	41,3	172,0	16 200	16 200	45,8	177,0	20 400	20 800	92,0
96,0	34,1	162,3	12 400	12 400	37,6	167,0	15 200	15 200	42,5	172,7	18 000	19 600	96,0
100,0	29,7	155,6	11 800	11 800	33,7	161,3	14 200	14 200	38,9	168,0	15 700	18 400	100,0
104,0	24,6	147,6	11 300	11 300	29,2	154,5	13 500	13 500	35,1	162,5	13 700	17 400	104,0
108,0	18,1	136,9	11 200	11 200	24,0	146,3	12 900	12 900	30,8	156,1	11 700	16 500	108,0
112,0					17,4	135,2	12 800	12 800	25,9	148,5	9 900	15 700	112,0
116,0									19,9	138,7		15 200	116,0
120,0									11,0	123,4		15 100	120,0
124,0													124,0
128,0													128,0
132,0													132,0
136,0													136,0
140,0													140,0

MLC650 VPC-MAX S-3

ASME B30.5



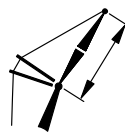
400 000 kg



360°



104,0 m



101,0 m

	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	°	m	kg	m	
39,6												39,6
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0												64,0
66,0												66,0
68,0												68,0
72,0												72,0
76,0	63,3	193,1	19 800	23 700								76,0
80,0	60,7	190,9	16 900	23 700								80,0
84,0	58,1	188,5	14 400	23 700								84,0
88,0	55,3	185,8	12 000	23 700								88,0
92,0	52,5	182,8	9 900	23 700	58,5	186,1	21 400					92,0
96,0	49,5	179,5		23 700	55,8	183,4	21 400					96,0
100,0	46,5	175,8		23 700	53,0	180,5	21 400					100,0
104,0	43,2	171,6		23 700	50,0	177,2	21 400					104,0
108,0	39,7	167,0		23 100	47,0	173,6	21 400	53,2	177,2	19 500	108,0	108,0
112,0	35,9	161,7		22 100	43,7	169,5	21 400	50,3	174,0	19 500	112,0	112,0
116,0	31,8	155,5		21 000	40,3	164,9	21 400	47,2	170,4	18 700	116,0	116,0
120,0	27,1	148,2		20 100	36,6	159,8	19 700	44,0	166,3	17 000	120,0	120,0
124,0	21,3	139,0		19 300	32,5	153,8	17 900	40,6	161,8	15 400	124,0	124,0
128,0	13,4	125,6		17 800	27,9	146,7	16 100	36,9	156,7	13 800	128,0	128,0
132,0					22,4	137,8	14 300	32,9	150,8	12 300	132,0	132,0
136,0					15,0	125,5	12 600	28,3	143,8	10 900	136,0	136,0
140,0								22,9	135,2	9 500	140,0	140,0