

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ10:501 on

Boom No. B60:500

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

135 100 kg VPC (Variable Position Counterweight)

360 Degree Rating

**MLC300
VPC-MAX
SERIES 1**



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

Upper luffing jib point capacity for liftcrane service with single part whip line is 16 600 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 2 270 kg minimum weight suspended beneath luffing jib point, (c) require 4 540 kg minimum weight, and (d) require 9 080 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. 81023384**, Mast Rigging **No. 81025690** or **No. 84045340**, Wire Rope Specifications chart **No. 9503-A**, Counterweight Arrangements chart **No. 9345-A**, Luffing Jib Raising Procedure chart **No. 9502-AM**, and Wind Conditions chart **No. 9501-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9500-A**.



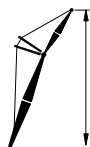
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



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



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



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

MACHINE EQUIPMENT: Machine equipped with VPC-MAX, 9 700 mm crawlers, 1 219 mm or 1 524 mm treads, 9 144 mm live mast, 30,0 m mast, 10 part boom hoist reeving, boom support straps, 14 part luffing jib hoist reeving, luffing jib and backstay support straps, and 135 100 kg VPC.

Select counterweight position from Luffing Jib Raising Procedure chart **No. 9502-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. LJ10:501
+
Boom No. B60:500



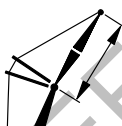
VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

Explanation of Symbols (continued)



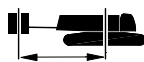
Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Elevation
(see page 1)



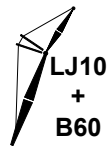
Counterweight Position
from Axis of Rotation



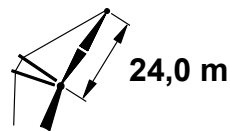
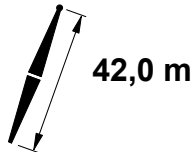
Lifting Capacities
(see page 1)

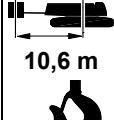
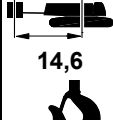
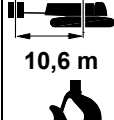
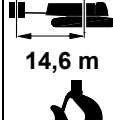
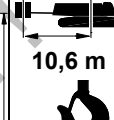
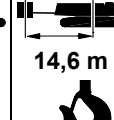
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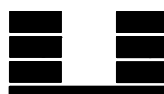
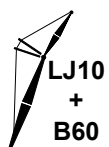
135 100 kg



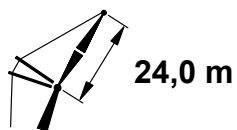
	 85°				 83°				 80°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
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14,0		72,2	67,0	148 600 c	148 600 c									14,0
16,0		67,0	66,2	134 300 c	134 300 c									16,0
18,0		61,6	65,1	115 600 b	115 600 b	65,6	65,7	135 400 b	139 400 b					18,0
20,0		55,9	63,8	101 900	101 900	60,2	64,6	118 900 b	121 900 b	66,1	65,5	115 900 b	141 300 b	20,0
22,0		49,7	62,2	91 400	91 400	54,3	63,2	105 400	107 100	60,7	64,4	102 800 b	127 900 b	22,0
24,0		42,9	60,1	83 000	83 000	48,0	61,5	94 500	95 700	54,9	63,0	92 100	114 800	24,0
26,0		34,9	57,5	76 400	76 400	40,9	59,3	85 400	86 700	48,7	61,3	83 300	103 900	26,0
28,0		24,7	53,7	71 600	71 600	32,5	56,4	77 900	79 800	41,7	59,2	76 000	95 000	28,0
30,0						21,1	52,1	71 400	73 200	33,4	56,4	69 700	87 200	30,0
32,0										22,5	52,3	64 200	80 500	32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0

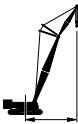
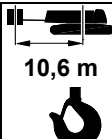
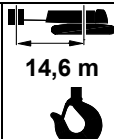
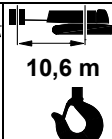
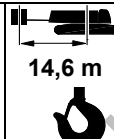
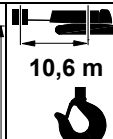
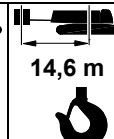
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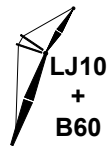
135 100 kg



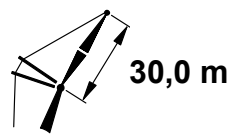
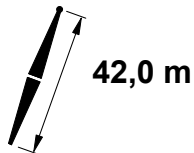
	75°				70°				65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
13,7														13,7
14,0														14,0
16,0														16,0
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0	59,6	63,3	79 700	100 300										26,0
28,0	53,7	61,9	72 800	91 700										28,0
30,0	47,3	60,1	66 800	84 300										30,0
32,0	40,2	57,8	61 600	77 800	52,2	60,3	58 800	75 100						32,0
34,0	31,6	54,9	57 100	72 300	45,7	58,4	54 600	69 800						34,0
36,0	19,6	50,3	53 000	67 300	38,3	56,0	50 800	65 100	50,4	58,3	48 500	62 800		36,0
38,0					29,1	52,8	47 400	60 800	43,6	56,3	45 300	58 700		38,0
40,0									35,8	53,7	42 400	55 100		40,0
42,0									25,8	50,1	39 800	51 800		42,0

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ASME B30.5



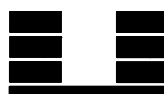
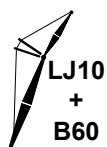
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2	73,4	72,9	118 500 b	118 500 b									15,2
16,0	71,9	72,7	117 600 b	117 600 b									16,0
18,0	67,7	71,9	115 300	115 300									18,0
20,0	63,5	70,9	103 800	103 800	66,6	71,4	114 700	114 900					20,0
22,0	59,1	69,7	92 400	92 400	62,3	70,4	105 100	108 100	67,0	71,2	102 300	115 400	22,0
24,0	54,4	68,3	83 300	83 300	57,9	69,2	94 200	98 500	62,8	70,2	91 700	109 600	24,0
26,0	49,4	66,6	76 000	76 000	53,1	67,7	85 200	88 500	58,3	69,0	82 900	102 000	26,0
28,0	44,0	64,7	70 100	70 100	48,1	66,0	77 700	80 600	53,6	67,5	75 700	94 600	28,0
30,0	38,0	62,2	65 200	65 200	42,5	63,9	71 400	74 100	48,6	65,8	69 500	87 000	30,0
32,0	31,0	59,1	61 200	61 200	36,3	61,3	65 800	68 700	43,1	63,7	64 100	80 300	32,0
34,0	21,9	54,8	57 100	57 100	28,9	58,0	61 000	64 500	36,9	61,2	59 400	74 600	34,0
36,0					18,7	53,0	56 000	57 500	29,7	58,0	55 300	69 600	36,0
38,0									19,9	53,3	51 600	62 700	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0

MLC300 VPC-MAX S-1

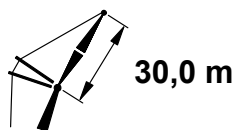
ASME B30.5



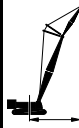
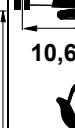
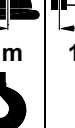
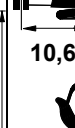
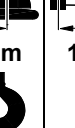
135 100 kg



42,0 m

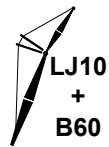


30,0 m

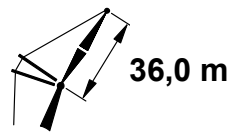
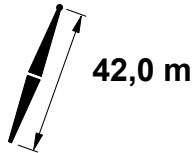
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0	61,9	69,1	72 300	91 200									28,0
30,0	57,4	67,8	66 300	83 800									30,0
32,0	52,6	66,3	61 200	77 400									32,0
34,0	47,5	64,6	56 800	72 000	56,3	66,3	54 100	69 300					34,0
36,0	41,9	62,4	52 800	67 100	51,4	64,8	50 300	64 600					36,0
38,0	35,6	59,8	49 300	62 800	46,2	62,9	47 000	60 500					38,0
40,0	28,0	56,4	46 200	58 900	40,5	60,7	44 100	56 800	49,9	62,8	41 900	54 600	40,0
42,0	17,3	51,1	43 400	55 400	33,9	57,9	41 400	53 400	44,6	60,8	39 400	51 400	42,0
44,0					25,8	54,2	39 000	50 400	38,6	58,4	37 100	48 500	44,0
46,0									31,7	55,4	35 000	45 900	46,0
48,0									22,9	51,3	33 000	43 500	48,0

MLC300 VPC-MAX S-1

ASME B30.5



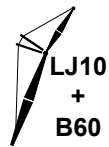
135 100 kg



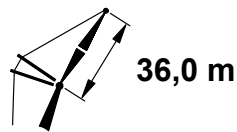
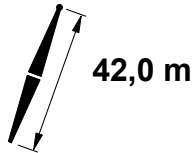
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m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
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18,0	71,6	78,3	99 900	99 900									18,0
20,0	68,2	77,5	93 800	93 800	70,7	77,9	99 000	99 000					20,0
22,0	64,7	76,6	87 700	87 700	67,3	77,1	92 700	92 700					22,0
24,0	61,1	75,5	82 100	82 100	63,8	76,2	86 800	86 800					24,0
26,0	57,3	74,3	76 800	76 800	60,1	75,0	81 300	81 300	64,1	75,9	82 600	87 900	26,0
28,0	53,4	72,8	70 500	70 500	56,3	73,7	76 400	76 400	60,5	74,8	75 400	82 500	28,0
30,0	49,2	71,1	65 100	65 100	52,3	72,2	71 100	71 800	56,7	73,5	69 200	77 500	30,0
32,0	44,8	69,2	60 600	60 600	48,1	70,5	65 600	67 400	52,7	72,0	63 800	72 900	32,0
34,0	39,9	66,9	56 900	56 900	43,5	68,4	60 900	63 300	48,5	70,3	59 200	68 500	34,0
36,0	34,5	64,1	53 700	53 700	38,6	66,0	56 700	59 500	44,0	68,3	55 200	64 300	36,0
38,0	28,1	60,6	51 100	51 100	32,9	63,1	53 000	55 900	39,1	65,9	51 500	60 300	38,0
40,0	19,8	55,8	47 700	47 700	26,2	59,4	49 700	52 700	33,5	63,0	48 300	56 700	40,0
42,0					16,9	53,9	45 200	46 500	26,9	59,4	45 400	53 400	42,0
44,0									18,1	54,2	42 700	49 600	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0

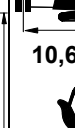
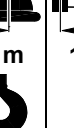
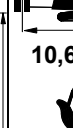
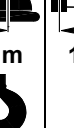
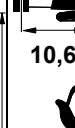
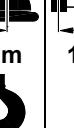
MLC300 VPC-MAX S-1

ASME B30.5



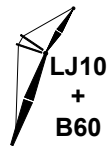
135 100 kg



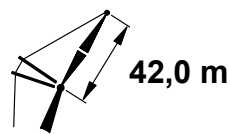
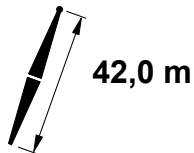
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8																		16,8
18,0																		18,0
20,0																		20,0
22,0																		22,0
24,0																		24,0
26,0																		26,0
28,0																		28,0
30,0																		30,0
32,0																		32,0
34,0																		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

MLC300 VPC-MAX S-1

ASME B30.5



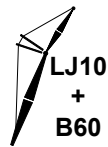
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,9	84,5	88 500	88 500									18,3
20,0	71,5	84,0	84 200	84 200									20,0
22,0	68,6	83,2	79 400	79 400	70,7	83,6	83 300	83 300					22,0
24,0	65,6	82,3	74 800	74 800	67,8	82,8	78 600	78 600					24,0
26,0	62,5	81,3	69 800	69 800	64,8	81,9	74 000	74 000	68,1	82,5	79 200	79 200	26,0
28,0	59,3	80,1	65 200	65 200	61,7	80,8	69 000	69 000	65,1	81,6	74 500	74 700	28,0
30,0	56,1	78,8	60 900	60 900	58,5	79,6	64 400	64 400	62,0	80,6	68 700	69 900	30,0
32,0	52,7	77,3	57 000	57 000	55,2	78,2	60 200	60 200	58,8	79,4	63 300	65 300	32,0
34,0	49,1	75,6	53 500	53 500	51,7	76,7	56 400	56 400	55,5	78,0	58 800	61 100	34,0
36,0	45,3	73,7	50 200	50 200	48,1	74,9	52 900	52 900	52,1	76,5	54 700	57 200	36,0
38,0	41,2	71,5	47 100	47 100	44,3	72,9	49 600	49 600	48,5	74,8	51 100	53 600	38,0
40,0	36,8	68,9	44 300	44 300	40,1	70,6	46 600	46 600	44,6	72,8	47 900	50 300	40,0
42,0	31,8	65,8	41 700	41 700	35,5	68,0	43 800	43 800	40,5	70,5	45 100	47 200	42,0
44,0	25,9	62,0	39 400	39 400	30,3	64,7	41 300	41 300	36,0	67,9	42 400	44 400	44,0
46,0	18,3	56,8	36 800	36 800	24,1	60,6	39 000	39 000	30,9	64,7	40 100	41 800	46,0
48,0					15,6	54,7	36 200	36 200	24,8	60,7	37 900	39 500	48,0
50,0									16,6	55,1	35 900	37 300	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0

MLC300 VPC-MAX S-1

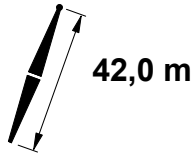
ASME B30.5



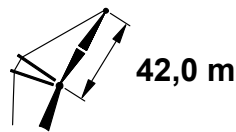
135 100 kg



360°



42,0 m

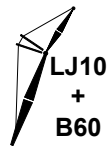


42,0 m

	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	61,4	79,5	55 900	69 000									34,0
36,0	58,2	78,3	52 000	64 700									36,0
38,0	54,8	76,9	48 600	60 700									38,0
40,0	51,4	75,3	45 500	56 900	57,4	76,8	43 200	55 900					40,0
42,0	47,7	73,5	42 800	53 400	54,0	75,4	40 600	52 600					42,0
44,0	43,8	71,5	40 300	50 100	50,5	73,7	38 200	49 600					44,0
46,0	39,7	69,2	38 100	47 100	46,8	71,9	36 100	47 000	53,0	73,4	34 100	45 000	46,0
48,0	35,0	66,4	36 000	44 300	42,9	69,8	34 100	44 500	49,4	71,7	32 200	42 700	48,0
50,0	29,8	63,1	34 100	41 700	38,6	67,4	32 300	42 300	45,7	69,8	30 500	40 500	50,0
52,0	23,4	58,9	32 400	39 400	33,8	64,5	30 700	40 200	41,6	67,7	29 000	38 500	52,0
54,0	14,5	52,7	30 700	37 300	28,4	61,1	29 100	38 300	37,2	65,1	27 500	36 700	54,0
56,0					21,6	56,5	27 700	36 500	32,3	62,1	26 200	35 000	56,0
58,0									26,5	58,4	24 900	33 400	58,0
60,0									19,1	53,3	23 700	31 900	60,0

MLC300 VPC-MAX S-1

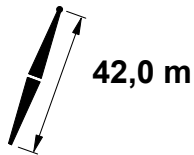
ASME B30.5



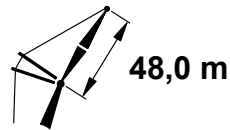
135 100 kg



360°



42,0 m

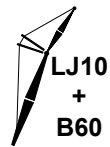


48,0 m

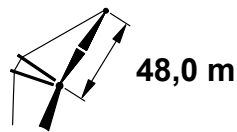
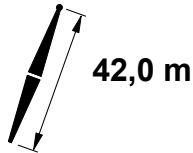
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,2	89,9	69 900	69 900									21,3
22,0	71,4	89,6	68 600	68 600									22,0
24,0	68,8	88,9	65 000	65 000									24,0
26,0	66,2	88,0	61 500	61 500	68,1	88,5	64 400	64 400					26,0
28,0	63,5	87,0	58 100	58 100	65,5	87,6	61 000	61 000					28,0
30,0	60,8	85,9	54 700	54 700	62,8	86,6	57 600	57 600	65,8	87,3	61 600	61 600	30,0
32,0	58,0	84,7	51 400	51 400	60,1	85,4	54 200	54 200	63,1	86,3	58 300	58 300	32,0
34,0	55,1	83,3	48 300	48 300	57,3	84,2	50 900	50 900	60,4	85,2	54 900	54 900	34,0
36,0	52,1	81,8	45 300	45 300	54,3	82,8	47 900	47 900	57,5	83,9	51 700	51 700	36,0
38,0	49,0	80,1	42 500	42 500	51,3	81,2	45 000	45 000	54,6	82,5	48 600	48 600	38,0
40,0	45,7	78,2	39 900	39 900	48,1	79,4	42 100	42 100	51,6	81,0	45 600	45 600	40,0
42,0	42,2	76,0	37 500	37 500	44,8	77,4	39 600	39 600	48,4	79,2	42 800	42 800	42,0
44,0	38,4	73,6	35 200	35 200	41,2	75,2	37 200	37 200	45,1	77,3	40 200	40 200	44,0
46,0	34,3	70,7	33 100	33 100	37,3	72,7	34 900	34 900	41,6	75,1	37 700	37 700	46,0
48,0	29,6	67,4	31 200	31 200	33,1	69,7	32 900	32 900	37,7	72,6	35 500	35 500	48,0
50,0	24,2	63,3	29 300	29 300	28,3	66,2	30 900	30 900	33,5	69,7	33 400	33 400	50,0
52,0	17,0	57,7	27 700	27 700	22,5	61,8	29 100	29 100	28,8	66,2	31 400	31 400	52,0
54,0					14,5	55,5	27 400	27 400	23,1	61,9	29 600	29 600	54,0
56,0									15,5	55,9	27 900	27 900	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

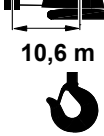
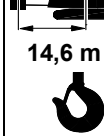
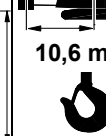
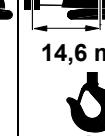
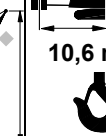
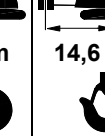
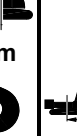
MLC300 VPC-MAX S-1

ASME B30.5



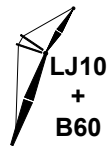
135 100 kg



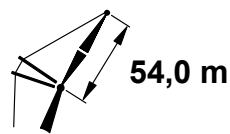
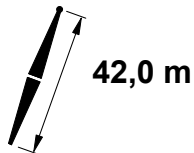
	 75°				 70°				 65°					
														
21,3														21,3
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0	62,6	85,2	51 400	57 500										36,0
38,0	59,8	84,1	47 900	54 400										38,0
40,0	57,0	82,8	44 900	51 300										40,0
42,0	54,0	81,4	42 200	48 400										42,0
44,0	51,0	79,8	39 700	45 500	56,3	81,3	37 500	49 000						44,0
46,0	47,8	78,0	37 500	42 700	53,3	79,8	35 400	46 300						46,0
48,0	44,4	76,0	35 500	40 100	50,2	78,2	33 500	43 900						48,0
50,0	40,8	73,8	33 600	37 700	47,0	76,4	31 700	41 700						50,0
52,0	36,9	71,2	31 900	35 500	43,6	74,3	30 100	39 600	49,3	76,2	28 300	37 900		52,0
54,0	32,6	68,2	30 300	33 400	39,9	72,0	28 600	37 500	46,0	74,3	26 800	36 100		54,0
56,0	27,7	64,6	28 800	31 500	35,9	69,3	27 200	35 400	42,5	72,2	25 400	34 400		56,0
58,0	21,8	60,1	27 400	29 700	31,5	66,2	25 900	33 300	38,8	69,8	24 200	32 800		58,0
60,0	13,5	53,4	26 100	28 000	26,4	62,5	24 600	31 400	34,7	67,0	23 000	31 400		60,0
62,0					20,1	57,6	23 500	29 600	30,1	63,7	21 800	30 000		62,0
64,0					10,4	49,7	22 400	28 000	24,7	59,7	20 700	28 700		64,0
66,0									17,8	54,3	19 700	27 500		66,0

MLC300 VPC-MAX S-1

ASME B30.5



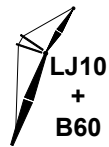
135 100 kg



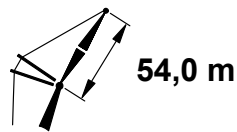
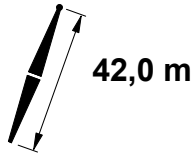
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,6	95,7	62 200	62 200									22,9
24,0	71,3	95,3	60 400	60 400									24,0
26,0	69,0	94,5	57 200	57 200	70,7	94,9	59 800	59 800					26,0
28,0	66,7	93,7	54 200	54 200	68,4	94,1	56 700	56 700					28,0
30,0	64,3	92,7	51 300	51 300	66,1	93,3	53 700	53 700					30,0
32,0	62,0	91,7	48 500	48 500	63,7	92,3	50 900	50 900	66,3	93,0	54 200	54 200	32,0
34,0	59,5	90,5	45 800	45 800	61,3	91,2	48 200	48 200	64,0	92,0	51 400	51 400	34,0
36,0	57,0	89,2	43 200	43 200	58,8	90,0	45 500	45 500	61,5	91,0	48 700	48 700	36,0
38,0	54,4	87,8	40 800	40 800	56,3	88,7	42 900	42 900	59,1	89,8	46 100	46 100	38,0
40,0	51,7	86,3	38 500	38 500	53,7	87,3	40 500	40 500	56,5	88,5	43 600	43 600	40,0
42,0	48,9	84,6	36 200	36 200	51,0	85,7	38 200	38 200	53,9	87,0	41 100	41 100	42,0
44,0	46,0	82,7	34 100	34 100	48,1	83,9	36 000	36 000	51,2	85,5	38 800	38 800	44,0
46,0	42,9	80,6	32 100	32 100	45,2	81,9	33 900	33 900	48,4	83,7	36 500	36 500	46,0
48,0	39,6	78,2	30 300	30 300	42,0	79,8	31 900	31 900	45,5	81,8	34 400	34 400	48,0
50,0	36,1	75,5	28 500	28 500	38,7	77,4	30 000	30 000	42,4	79,6	32 400	32 400	50,0
52,0	32,2	72,5	26 900	26 900	35,1	74,6	28 300	28 300	39,0	77,2	30 500	30 500	52,0
54,0	27,9	68,9	25 300	25 300	31,1	71,4	26 700	26 700	35,5	74,5	28 800	28 800	54,0
56,0	22,7	64,5	23 900	23 900	26,6	67,7	25 100	25 100	31,5	71,4	27 100	27 100	56,0
58,0	16,0	58,5	22 500	22 500	21,1	62,9	23 700	23 700	27,1	67,7	25 500	25 500	58,0
60,0					13,7	56,2	22 400	22 400	21,7	63,1	24 100	24 100	60,0
62,0									14,6	56,6	22 700	22 700	62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0

MLC300 VPC-MAX S-1

ASME B30.5



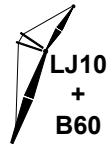
135 100 kg



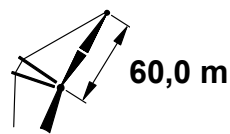
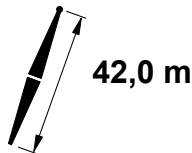
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,1	89,9	44 400	48 200									40,0
42,0	58,6	88,7	41 600	45 800									42,0
44,0	56,0	87,3	39 200	43 300									44,0
46,0	53,4	85,9	37 000	41 000	58,0	87,2	34 800	44 800					46,0
48,0	50,7	84,3	34 900	38 700	55,4	85,8	32 900	42 600					48,0
50,0	47,8	82,5	33 100	36 500	52,8	84,3	31 100	40 400					50,0
52,0	44,9	80,5	31 400	34 400	50,0	82,7	29 500	38 300	51,9	82,4	26 000	35 500	52,0
54,0	41,7	78,3	29 800	32 500	47,1	80,9	28 000	36 200	49,2	80,7	24 600	33 800	54,0
56,0	38,4	75,9	28 300	30 600	44,1	78,9	26 600	34 200	46,3	78,8	23 400	32 300	56,0
58,0	34,7	73,1	27 000	28 800	40,9	76,6	25 400	32 200	43,2	76,7	22 200	30 800	58,0
60,0	30,7	69,9	25 700	27 200	37,5	74,1	24 200	30 500					60,0
62,0	26,1	66,0	24 500	25 600	33,8	71,2	23 000	28 700	39,9	74,4	21 100	29 500	62,0
64,0	20,5	61,2	23 400	24 200	29,6	67,8	21 900	27 100	36,4	71,8	20 000	28 200	64,0
66,0	12,7	54,0	22 300	22 900	24,9	63,8	20 800	25 600	32,6	68,8	19 100	27 000	66,0
68,0					18,9	58,6	19 800	24 200	28,3	65,2	18 100	25 900	68,0
70,0					9,8	50,2	18 800	22 900	23,2	60,9	17 200	24 900	70,0
72,0									16,7	55,1	16 400	23 900	72,0

MLC300 VPC-MAX S-1

ASME B30.5



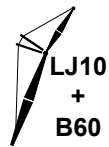
135 100 kg



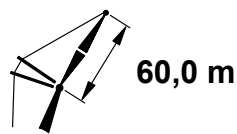
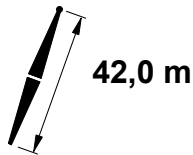
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,8	101,5	56 600	56 600									24,4
26,0	71,2	101,0	55 600	55 600									26,0
28,0	69,2	100,2	54 300	54 300	70,7	100,6	55 400	55 400					28,0
30,0	67,1	99,4	52 600	52 600	68,6	99,8	54 100	54 100					30,0
32,0	65,0	98,4	50 800	50 800	66,5	99,0	52 500	52 500	68,8	99,5	54 200	54 200	32,0
34,0	62,8	97,4	49 100	49 100	64,4	98,0	50 800	50 800	66,7	98,7	52 700	52 700	34,0
36,0	60,7	96,3	47 400	47 400	62,3	97,0	49 100	49 100	64,6	97,7	51 200	51 200	36,0
38,0	58,4	95,1	45 700	45 700	60,1	95,8	47 400	47 400	62,5	96,7	49 600	49 700	38,0
40,0	56,1	93,8	44 000	44 000	57,8	94,6	45 800	45 800	60,3	95,6	46 500	48 100	40,0
42,0	53,8	92,3	42 400	42 400	55,5	93,2	44 200	44 200	58,0	94,4	43 700	46 500	42,0
44,0	51,3	90,8	40 800	40 800	53,1	91,8	42 400	42 600	55,7	93,0	41 100	44 900	44,0
46,0	48,8	89,0	39 300	39 300	50,7	90,1	40 100	41 000	53,4	91,5	38 800	43 400	46,0
48,0	46,2	87,1	37 800	37 800	48,1	88,4	37 900	39 500	50,9	89,9	36 700	41 800	48,0
50,0	43,5	85,1	36 300	36 300	45,5	86,4	35 900	38 000	48,4	88,2	34 700	40 300	50,0
52,0	40,6	82,8	34 800	34 800	42,7	84,3	34 100	36 400	45,8	86,3	32 900	38 800	52,0
54,0	37,5	80,3	33 100	33 200	39,8	82,0	32 400	34 700	43,0	84,2	31 300	37 100	54,0
56,0	34,1	77,4	31 400	31 400	36,6	79,4	30 800	32 800	40,1	81,8	29 800	35 000	56,0
58,0	30,5	74,1	29 700	29 700	33,2	76,4	29 400	31 000	36,9	79,3	28 300	33 100	58,0
60,0	26,4	70,3	28 100	28 100	29,4	73,0	28 000	29 400	33,6	76,3	27 000	31 300	60,0
62,0	21,5	65,6	25 900	25 900	25,2	69,0	26 700	27 800	29,8	73,0	25 800	29 600	62,0
64,0	15,1	59,3	22 200	22 200	20,0	64,0	25 500	26 000	25,6	69,1	24 600	28 100	64,0
66,0					12,9	56,8	21 700	21 700	20,6	64,2	23 500	26 500	66,0
68,0									13,8	57,4	22 500	23 500	68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0

MLC300 VPC-MAX S-1

ASME B30.5



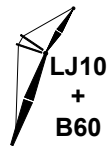
135 100 kg



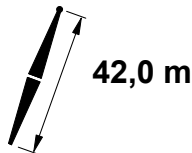
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,1	95,6	41 200	48 900									42,0
44,0	59,9	94,5	38 800	47 600									44,0
46,0	57,6	93,2	36 600	46 300									46,0
48,0	55,3	91,9	34 500	44 800									48,0
50,0	52,9	90,4	32 700	42 700	57,0	91,8	30 700	40 700					50,0
52,0	50,4	88,8	31 000	40 600	54,7	90,4	29 100	38 700					52,0
54,0	47,9	87,0	29 400	38 600	52,3	88,8	27 600	36 800					54,0
56,0	45,2	85,0	28 000	36 800	49,8	87,2	26 200	35 100					56,0
58,0	42,4	82,9	26 600	35 200	47,3	85,4	24 900	33 500	51,6	86,9	22 800	31 800	58,0
60,0	39,5	80,5	25 400	33 600	44,6	83,4	23 700	32 000	49,1	85,2	21 600	30 400	60,0
62,0	36,3	77,9	24 200	32 200	41,7	81,2	22 500	30 600	46,5	83,3	20 500	29 100	62,0
64,0	32,8	74,9	23 100	30 800	38,7	78,7	21 400	29 300	43,7	81,3	19 500	27 800	64,0
66,0	29,0	71,4	22 100	29 500	35,5	76,0	20 400	28 100	40,8	79,0	18 500	26 700	66,0
68,0	24,7	67,3	21 100	27 900	32,0	72,9	19 400	26 900	37,8	76,5	17 600	25 600	68,0
70,0	19,4	62,2	20 200	26 500	28,1	69,3	18 500	25 800	34,5	73,7	16 800	24 500	70,0
72,0					23,5	65,0	17 600	24 800	30,8	70,4	16 000	23 600	72,0
74,0					17,9	59,5	16 700	23 800	26,8	66,7	15 200	22 600	74,0
76,0					9,3	50,7	15 900	22 900	22,0	62,1	14 400	21 700	76,0
78,0									15,8	56,0	13 700	20 900	78,0

MLC300 VPC-MAX S-1

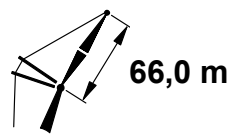
ASME B30.5



135 100 kg



42,0 m

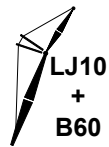


66,0 m

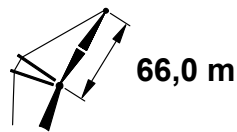
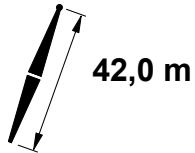
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,1	107,3	48 100	48 100									25,9
26,0	73,0	107,3	48 100	48 100									26,0
28,0	71,1	106,6	47 800	47 800									28,0
30,0	69,3	105,8	47 200	47 200	70,6	106,2	47 000	47 000					30,0
32,0	67,4	105,0	45 900	45 900	68,8	105,5	46 800	46 800					32,0
34,0	65,5	104,1	44 400	44 400	66,9	104,6	45 800	45 800					34,0
36,0	63,6	103,1	42 800	42 800	65,0	103,7	44 400	44 400	67,1	104,3	45 100	45 100	36,0
38,0	61,6	102,1	41 200	41 200	63,0	102,7	42 800	42 800	65,2	103,4	44 600	44 600	38,0
40,0	59,6	100,9	39 600	39 600	61,1	101,6	41 200	41 200	63,2	102,4	43 200	43 200	40,0
42,0	57,5	99,6	38 000	38 000	59,0	100,4	39 700	39 700	61,3	101,3	41 700	41 700	42,0
44,0	55,4	98,3	36 500	36 500	57,0	99,1	38 100	38 100	59,2	100,2	40 300	40 300	44,0
46,0	53,3	96,8	35 000	35 000	54,9	97,7	36 600	36 600	57,2	98,9	38 300	38 800	46,0
48,0	51,0	95,2	33 500	33 500	52,7	96,2	35 100	35 100	55,1	97,5	36 200	37 200	48,0
50,0	48,8	93,5	32 000	32 000	50,4	94,6	33 600	33 600	52,9	96,0	34 200	35 800	50,0
52,0	46,4	91,6	30 600	30 600	48,1	92,8	32 100	32 100	50,7	94,4	32 400	34 300	52,0
54,0	43,9	89,5	29 200	29 200	45,7	90,9	30 700	30 700	48,4	92,6	30 800	32 800	54,0
56,0	41,3	87,3	27 900	27 900	43,2	88,8	29 300	29 300	46,0	90,7	29 300	31 400	56,0
58,0	38,5	84,9	26 500	26 500	40,6	86,5	27 900	27 900	43,5	88,7	27 900	30 000	58,0
60,0	35,6	82,1	25 200	25 200	37,8	84,0	26 600	26 600	40,8	86,4	26 600	28 600	60,0
62,0	32,4	79,1	23 900	23 900	34,8	81,2	25 200	25 200	38,1	83,9	25 400	27 200	62,0
64,0	29,0	75,6	22 700	22 700	31,6	78,0	24 000	24 000	35,1	81,1	24 200	25 900	64,0
66,0	25,0	71,6	21 500	21 500	28,0	74,4	22 700	22 700	31,9	78,0	23 100	24 600	66,0
68,0	20,4	66,6	20 300	20 300	23,9	70,2	21 500	21 500	28,3	74,5	22 100	23 300	68,0
70,0	14,3	59,9	18 400	18 400	19,0	64,9	20 300	20 300	24,3	70,3	21 200	22 100	70,0
72,0					12,2	57,3	18 100	18 100	19,5	65,1	20 200	20 900	72,0
74,0									13,0	57,9	18 900	19 200	74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0

MLC300 VPC-MAX S-1

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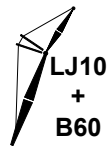
135 100 kg



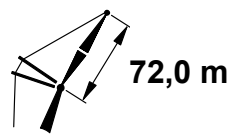
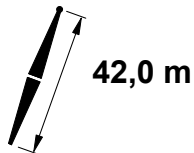
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	60,9	100,2	36 000	41 100									46,0
48,0	58,8	99,1	34 000	39 900									48,0
50,0	56,8	97,8	32 200	38 600									50,0
52,0	54,6	96,4	30 500	37 300	58,3	97,6	28 400	38 100					52,0
54,0	52,5	94,8	28 900	35 900	56,3	96,3	26 900	36 200					54,0
56,0	50,2	93,2	27 500	34 500	54,1	94,8	25 400	34 500					56,0
58,0	47,9	91,4	26 100	33 100	51,9	93,3	24 100	32 900					58,0
60,0	45,5	89,5	24 900	31 700	49,7	91,6	22 900	31 400					60,0
62,0	43,0	87,4	23 700	30 400	47,3	89,8	21 700	30 100	51,3	91,3	19 700	28 500	62,0
64,0	40,3	85,1	22 600	29 000	44,9	87,8	20 700	28 800	49,0	89,6	18 700	27 300	64,0
66,0	37,5	82,5	21 600	27 600	42,3	85,7	19 600	27 600	46,6	87,8	17 800	26 100	66,0
68,0	34,5	79,7	20 600	26 300	39,6	83,3	18 700	26 400	44,1	85,7	16 900	25 000	68,0
70,0	31,2	76,5	19 600	25 000	36,8	80,7	17 800	25 300	41,5	83,5	16 000	24 000	70,0
72,0	27,6	72,8	18 700	23 700	33,7	77,8	16 900	24 300	38,8	81,1	15 200	23 000	72,0
74,0	23,4	68,5	17 800	22 500	30,4	74,5	16 100	23 400	35,9	78,4	14 500	22 100	74,0
76,0	18,4	63,0	17 000	21 300	26,6	70,7	15 300	22 500	32,7	75,4	13 700	21 200	76,0
78,0					22,3	66,1	14 600	21 600	29,3	71,9	13 000	20 400	78,0
80,0					17,0	60,3	13 900	20 700	25,4	67,9	12 400	19 600	80,0
82,0					8,6	50,9	13 100	19 900	20,9	63,1	11 700	18 800	82,0
84,0									15,0	56,6	11 100	18 100	84,0

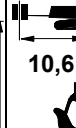
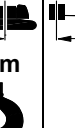
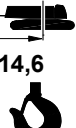
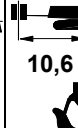
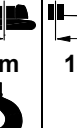
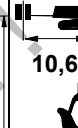
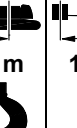
MLC300 VPC-MAX S-1

ASME B30.5



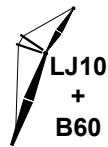
135 100 kg



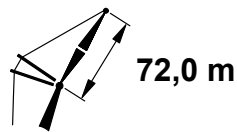
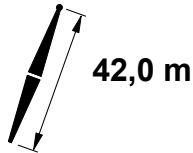
	 85°					 83°					 80°					
																
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg		m	
27,4	73,2	113,1	40 000	40 000											27,4	
28,0	72,8	112,9	39 900	39 900											28,0	
30,0	71,1	112,2	39 500	39 500											30,0	
32,0	69,4	111,5	39 100	39 100	70,6	111,9	38 800	38 800							32,0	
34,0	67,7	110,7	38 700	38 700	68,9	111,1	38 500	38 500							34,0	
36,0	65,9	109,8	38 300	38 300	67,2	110,3	38 200	38 200							36,0	
38,0	64,2	108,8	37 500	37 500	65,5	109,4	37 900	37 900	67,4	110,0	37 100	37 100			38,0	
40,0	62,4	107,8	36 300	36 300	63,7	108,4	37 400	37 400	65,6	109,1	36 900	36 900			40,0	
42,0	60,5	106,7	35 100	35 100	61,9	107,3	36 400	36 400	63,9	108,1	36 700	36 700			42,0	
44,0	58,7	105,5	33 900	33 900	60,1	106,2	35 200	35 200	62,1	107,1	36 500	36 500			44,0	
46,0	56,8	104,2	32 700	32 700	58,2	105,0	34 000	34 000	60,2	106,0	35 600	35 600			46,0	
48,0	54,8	102,8	31 500	31 500	56,3	103,6	32 800	32 800	58,4	104,7	34 500	34 500			48,0	
50,0	52,9	101,3	30 200	30 200	54,3	102,2	31 500	31 500	56,5	103,4	33 300	33 300			50,0	
52,0	50,8	99,7	28 900	28 900	52,3	100,7	30 300	30 300	54,5	102,0	32 000	32 100			52,0	
54,0	48,7	97,9	27 600	27 600	50,3	99,1	29 000	29 000	52,5	100,5	30 400	30 900			54,0	
56,0	46,5	96,1	26 400	26 400	48,1	97,3	27 700	27 700	50,5	98,9	28 900	29 600			56,0	
58,0	44,3	94,1	25 100	25 100	45,9	95,4	26 400	26 400	48,3	97,1	27 500	28 400			58,0	
60,0	41,9	91,9	23 800	23 800	43,7	93,3	25 100	25 100	46,2	95,2	26 200	27 100			60,0	
62,0	39,4	89,5	22 600	22 600	41,3	91,1	23 900	23 900	43,9	93,2	25 000	25 800			62,0	
64,0	36,8	86,9	21 300	21 300	38,8	88,6	22 600	22 600	41,5	90,9	23 800	24 500			64,0	
66,0	34,0	84,0	20 100	20 100	36,1	86,0	21 300	21 300	39,0	88,5	22 700	23 200			66,0	
68,0	31,0	80,8	18 900	18 900	33,2	83,0	20 100	20 100	36,4	85,9	21 700	21 900			68,0	
70,0	27,7	77,1	17 800	17 800	30,2	79,7	18 900	18 900	33,5	82,9	20 600	20 600			70,0	
72,0	23,9	72,8	16 700	16 700	26,7	75,9	17 800	17 800	30,5	79,6	19 400	19 400			72,0	
74,0	19,5	67,6	15 600	15 600	22,8	71,4	16 700	16 700	27,1	75,9	18 300	18 300			74,0	
76,0	13,7	60,6	14 700	14 700	18,1	65,8	15 600	15 600	23,2	71,5	17 100	17 100			76,0	
78,0					11,7	57,9	14 300	14 300	18,6	66,1	16 100	16 100			78,0	
80,0									12,4	58,5	15 100	15 100			80,0	
82,0															82,0	
84,0															84,0	
86,0															86,0	
88,0															88,0	
90,0															90,0	

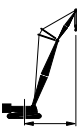
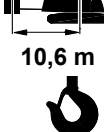
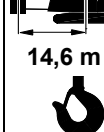
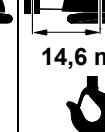
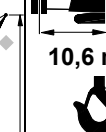
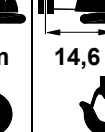
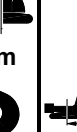
MLC300 VPC-MAX S-1

ASME B30.5



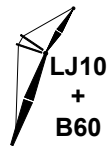
135 100 kg



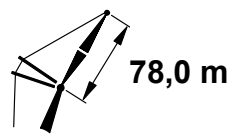
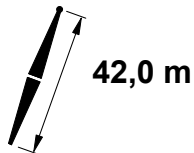
	 75°				 70°				 65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,5	107,1	34 300	34 300									46,0
48,0	61,7	106,0	33 500	34 200									48,0
50,0	59,9	104,9	31 700	34 200									50,0
52,0	58,0	103,6	30 000	34 100									52,0
54,0	56,1	102,3	28 500	33 200									54,0
56,0	54,1	100,9	27 000	32 100	57,5	102,1	24 800	31 600					56,0
58,0	52,1	99,3	25 700	31 000	55,6	100,8	23 500	31 700					58,0
60,0	50,1	97,7	24 400	29 800	53,6	99,3	22 300	31 000					60,0
62,0	47,9	95,9	23 200	28 600	51,6	97,8	21 100	29 600					62,0
64,0	45,7	94,0	22 100	27 400	49,5	96,1	20 000	28 300	53,0	97,4	18 100	26 800	64,0
66,0	43,4	91,9	21 000	26 100	47,4	94,3	19 000	27 100	51,0	95,8	17 100	25 600	66,0
68,0	41,0	89,6	20 000	24 800	45,2	92,3	18 100	26 000	48,9	94,1	16 200	24 500	68,0
70,0	38,5	87,2	19 000	23 600	42,8	90,2	17 200	24 900	46,7	92,2	15 400	23 500	70,0
72,0	35,8	84,5	18 100	22 300	40,4	87,9	16 300	23 900	44,5	90,2	14 600	22 600	72,0
74,0	32,9	81,5	17 300	21 000	37,9	85,4	15 500	22 900	42,1	88,1	13 800	21 600	74,0
76,0	29,8	78,1	16 500	19 800	35,1	82,6	14 800	22 000	39,7	85,7	13 100	20 800	76,0
78,0	26,4	74,2	15 700	18 600	32,2	79,5	14 000	21 100	37,1	83,1	12 400	20 000	78,0
80,0	22,4	69,7	14 900	17 500	29,0	76,0	13 400	19 900	34,3	80,2	11 800	19 200	80,0
82,0	17,6	64,0	14 200	16 400	25,5	72,0	12 700	18 800	31,3	77,1	11 200	18 500	82,0
84,0					21,3	67,3	12 000	17 600	28,0	73,4	10 600	17 700	84,0
86,0					16,2	61,1	11 400	16 600	24,3	69,2	10 000	17 100	86,0
88,0					8,3	51,4	10 800	15 700	19,9	64,1	9 500	16 400	88,0
90,0									14,3	57,4	8 900	15 800	90,0

MLC300 VPC-MAX S-1

ASME B30.5



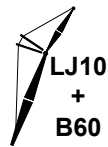
135 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,4	118,9	33 300	33 300									29,0
30,0	72,6	118,6	33 100	33 100									30,0
32,0	71,0	117,9	32 700	32 700									32,0
34,0	69,5	117,2	32 300	32 300	70,6	117,5	32 100	32 100					34,0
36,0	67,9	116,4	31 900	31 900	69,1	116,8	31 800	31 800					36,0
38,0	66,3	115,5	31 500	31 500	67,5	116,0	31 400	31 400					38,0
40,0	64,7	114,6	31 000	31 000	65,9	115,1	31 100	31 100	67,6	115,7	30 600	30 600	40,0
42,0	63,0	113,5	30 600	30 600	64,2	114,1	30 700	30 700	66,0	114,8	30 300	30 300	42,0
44,0	61,3	112,5	30 200	30 200	62,6	113,1	30 300	30 300	64,4	113,8	30 100	30 100	44,0
46,0	59,6	111,3	29 900	29 900	60,9	112,0	30 000	30 000	62,7	112,8	29 800	29 800	46,0
48,0	57,9	110,1	29 400	29 400	59,2	110,8	29 600	29 600	61,1	111,7	29 500	29 500	48,0
50,0	56,2	108,7	28 500	28 500	57,5	109,5	29 300	29 300	59,4	110,6	29 200	29 200	50,0
52,0	54,4	107,3	27 300	27 300	55,7	108,2	28 600	28 600	57,6	109,3	28 900	28 900	52,0
54,0	52,5	105,8	26 100	26 100	53,9	106,7	27 400	27 400	55,9	108,0	28 600	28 600	54,0
56,0	50,6	104,2	24 900	24 900	52,0	105,2	26 200	26 200	54,0	106,5	27 900	27 900	56,0
58,0	48,7	102,4	23 700	23 700	50,1	103,5	25 100	25 100	52,2	105,0	26 800	26 800	58,0
60,0	46,7	100,6	22 500	22 500	48,1	101,8	23 800	23 800	50,3	103,3	25 700	25 700	60,0
62,0	44,6	98,6	21 300	21 300	46,1	99,9	22 600	22 600	48,3	101,6	24 400	24 500	62,0
64,0	42,4	96,4	20 100	20 100	44,0	97,8	21 300	21 300	46,3	99,7	23 200	23 200	64,0
66,0	40,2	94,1	18 800	18 800	41,8	95,6	20 100	20 100	44,2	97,7	21 900	21 900	66,0
68,0	37,8	91,6	17 600	17 600	39,6	93,3	18 800	18 800	42,1	95,5	20 700	20 700	68,0
70,0	35,3	88,8	16 400	16 400	37,2	90,7	17 600	17 600	39,8	93,1	19 400	19 400	70,0
72,0	32,6	85,7	15 300	15 300	34,6	87,8	16 400	16 400	37,4	90,6	18 200	18 200	72,0
74,0	29,7	82,4	14 100	14 100	31,9	84,7	15 200	15 200	34,9	87,8	16 900	16 900	74,0
76,0	26,6	78,5	13 100	13 100	28,9	81,2	14 100	14 100	32,2	84,7	15 700	15 700	76,0
78,0	23,0	74,1	12 000	12 000	25,7	77,2	13 000	13 000	29,2	81,2	14 600	14 600	78,0
80,0	18,7	68,6	11 000	11 000	21,9	72,6	12 000	12 000	26,0	77,3	13 400	13 400	80,0
82,0	13,1	61,3	10 100	10 100	17,4	66,8	11 000	11 000	22,3	72,7	12 400	12 400	82,0
84,0									17,9	67,0	11 300	11 300	84,0
86,0									11,9	59,2	10 400	10 400	86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0

MLC300 VPC-MAX S-1

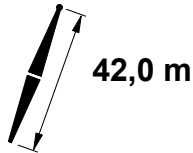
ASME B30.5



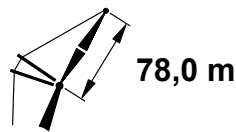
135 100 kg



360°



42,0 m

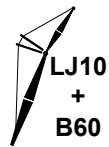


78,0 m

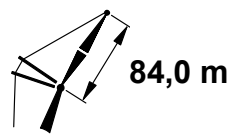
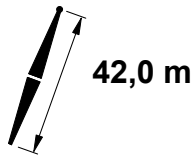
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	62,4	111,8	28 100	28 100									50,0
52,0	60,7	110,7	27 900	27 900									52,0
54,0	59,0	109,5	27 600	27 800									54,0
56,0	57,3	108,2	26 400	27 700									56,0
58,0	55,5	106,8	25 000	27 500	58,6	108,0	22 700	25 800					58,0
60,0	53,7	105,4	23 700	27 400	56,9	106,7	21 500	25 800					60,0
62,0	51,8	103,8	22 500	26 800	55,1	105,3	20 300	25 800					62,0
64,0	49,9	102,2	21 400	25 800	53,2	103,8	19 300	25 800					64,0
66,0	47,9	100,4	20 300	24 600	51,4	102,3	18 300	25 800					66,0
68,0	45,9	98,5	19 300	23 500	49,4	100,6	17 300	25 400	52,7	101,9	15 400	23 700	68,0
70,0	43,8	96,4	18 300	22 200	47,5	98,8	16 400	24 400	50,8	100,3	14 600	22 900	70,0
72,0	41,6	94,2	17 400	21 000	45,4	96,8	15 600	23 300	48,9	98,6	13 800	22 000	72,0
74,0	39,3	91,8	16 600	19 700	43,3	94,7	14 800	22 100	46,9	96,7	13 100	21 100	74,0
76,0	36,9	89,2	15 800	18 500	41,1	92,5	14 000	20 900	44,8	94,7	12 400	20 200	76,0
78,0	34,3	86,3	15 000	17 200	38,7	90,0	13 300	19 700	42,6	92,6	11 700	19 400	78,0
80,0	31,6	83,2	14 300	16 000	36,3	87,3	12 700	18 500	40,4	90,3	11 100	18 600	80,0
82,0	28,6	79,6	13 600	14 800	33,7	84,4	12 000	17 300	38,0	87,8	10 400	17 900	82,0
84,0	25,3	75,6	12 900	13 700	30,9	81,2	11 400	16 100	35,5	85,0	9 900	17 200	84,0
86,0	21,5	70,8	12 300	12 600	27,8	77,5	10 800	14 900	32,9	82,0	9 300	16 500	86,0
88,0	16,9	64,9	11 500	11 600	24,4	73,3	10 200	13 800	30,0	78,7	8 800	15 900	88,0
90,0					20,5	68,3	9 600	12 700	26,9	74,9	8 300	14 900	90,0
92,0					15,6	62,0	9 100	11 700	23,3	70,5	7 800	13 800	92,0
94,0					7,9	51,8	8 500	10 900	19,1	65,2	7 300	12 700	94,0
96,0									13,7	58,1	6 800	11 700	96,0

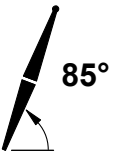
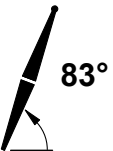
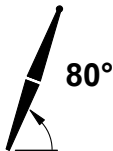
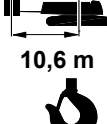
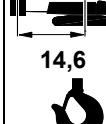
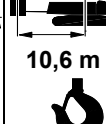
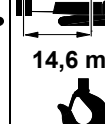
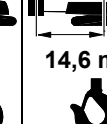
MLC300 VPC-MAX S-1

ASME B30.5



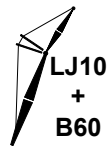
135 100 kg



 85°					 83°					 80°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m		
30,5	73,5	124,7	27 300	27 300										30,5	
32,0	72,4	124,3	27 000	27 000										32,0	
34,0	71,0	123,6	26 700	26 700										34,0	
36,0	69,5	122,8	26 300	26 300	70,6	123,2	26 200	26 200						36,0	
38,0	68,1	122,0	25 900	25 900	69,2	122,4	25 900	25 900						38,0	
40,0	66,6	121,2	25 500	25 500	67,7	121,6	25 500	25 500						40,0	
42,0	65,1	120,3	25 100	25 100	66,2	120,8	25 200	25 200	67,8	121,4	24 900	24 900		42,0	
44,0	63,6	119,3	24 700	24 700	64,7	119,8	24 800	24 800	66,3	120,5	24 700	24 700		44,0	
46,0	62,0	118,2	24 400	24 400	63,2	118,8	24 500	24 500	64,8	119,6	24 400	24 400		46,0	
48,0	60,5	117,1	24 000	24 000	61,6	117,7	24 100	24 100	63,3	118,6	24 100	24 100		48,0	
50,0	58,9	115,9	23 700	23 700	60,0	116,6	23 800	23 800	61,8	117,5	23 800	23 800		50,0	
52,0	57,3	114,6	23 300	23 300	58,5	115,4	23 500	23 500	60,2	116,4	23 500	23 500		52,0	
54,0	55,6	113,3	23 000	23 000	56,8	114,1	23 200	23 200	58,6	115,1	23 200	23 200		54,0	
56,0	53,9	111,8	22 700	22 700	55,2	112,7	22 900	22 900	57,0	113,9	22 900	22 900		56,0	
58,0	52,2	110,3	22 300	22 300	53,5	111,2	22 600	22 600	55,3	112,5	22 700	22 700		58,0	
60,0	50,4	108,6	21 800	21 800	51,7	109,7	22 300	22 300	53,6	111,0	22 400	22 400		60,0	
62,0	48,6	106,9	21 400	21 400	50,0	108,0	21 800	21 800	51,9	109,5	22 200	22 200		62,0	
64,0	46,8	105,0	21 000	21 000	48,2	106,2	21 400	21 400	50,1	107,8	21 900	21 900		64,0	
66,0	44,9	103,1	20 600	20 600	46,3	104,4	21 000	21 000	48,3	106,1	21 500	21 500		66,0	
68,0	42,9	100,9	20 300	20 300	44,3	102,3	20 600	20 600	46,5	104,2	20 700	21 100		68,0	
70,0	40,8	98,7	19 900	19 900	42,3	100,2	20 300	20 300	44,5	102,2	19 700	20 700		70,0	
72,0	38,6	96,2	18 900	18 900	40,2	97,8	19 800	19 800	42,5	100,0	18 800	20 400		72,0	
74,0	36,4	93,5	17 800	17 800	38,0	95,3	18 800	18 800	40,4	97,7	17 900	20 000		74,0	
76,0	34,0	90,6	16 700	16 700	35,7	92,6	17 700	17 700	38,3	95,2	17 000	19 100		76,0	
78,0	31,4	87,4	15 700	15 700	33,3	89,6	16 600	16 600	36,0	92,5	16 200	18 000		78,0	
80,0	28,6	83,9	14 700	14 700	30,7	86,4	15 600	15 600	33,5	89,6	15 500	16 900		80,0	
82,0	25,6	79,9	13 800	13 800	27,8	82,7	14 600	14 600	30,9	86,3	14 700	15 900		82,0	
84,0	22,1	75,2	12 900	12 900	24,7	78,6	13 700	13 700	28,1	82,7	14 000	14 900		84,0	
86,0	18,0	69,6	11 900	11 900	21,1	73,7	12 800	12 800	25,0	78,6	13 400	13 900		86,0	
88,0	12,6	62,0	10 100	10 100	16,8	67,6	11 900	11 900	21,5	73,8	12 700	13 000		88,0	
90,0									17,2	67,9	12 100	12 100		90,0	
92,0									11,5	59,8	10 900	10 900		92,0	
94,0														94,0	
96,0														96,0	
98,0														98,0	
100,0														100,0	
102,0														102,0	

MLC300 VPC-MAX S-1

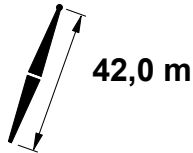
ASME B30.5



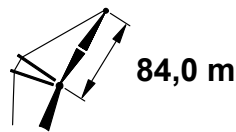
135 100 kg



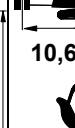
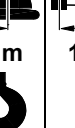
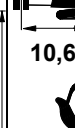
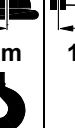
360°



42,0 m

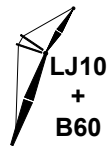


84,0 m

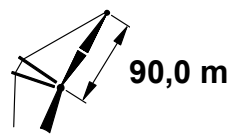
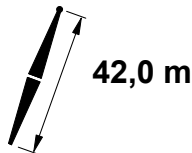
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,0	117,5	22 800	22 800									52,0
54,0	61,5	116,4	22 600	22 600									54,0
56,0	59,9	115,3	22 500	22 500									56,0
58,0	58,3	114,0	22 300	22 300									58,0
60,0	56,7	112,7	22 100	22 100									60,0
62,0	55,0	111,3	21 700	21 900	57,9	112,6	19 700	20 900					62,0
64,0	53,3	109,9	20 800	21 700	56,3	111,2	18 700	20 800					64,0
66,0	51,6	108,3	19 700	21 500	54,6	109,8	17 700	20 700					66,0
68,0	49,8	106,6	18 700	21 400	52,9	108,3	16 700	20 600					68,0
70,0	48,0	104,8	17 800	21 200	51,1	106,7	15 800	20 600					70,0
72,0	46,1	102,9	16 900	21 000	49,4	105,0	15 000	20 500	52,4	106,4	13 200	19 200	72,0
74,0	44,1	100,9	16 000	20 800	47,5	103,2	14 200	20 400	50,6	104,8	12 500	19 300	74,0
76,0	42,1	98,7	15 200	20 400	45,6	101,3	13 500	20 300	48,8	103,0	11 800	19 300	76,0
78,0	40,0	96,4	14 500	20 000	43,7	99,2	12 800	20 100	47,0	101,2	11 100	19 000	78,0
80,0	37,8	93,9	13 800	19 100	41,6	97,0	12 100	19 500	45,0	99,2	10 500	18 200	80,0
82,0	35,5	91,1	13 100	18 000	39,5	94,6	11 400	18 700	43,1	97,1	9 900	17 500	82,0
84,0	33,0	88,1	12 400	17 000	37,3	92,1	10 800	18 000	41,0	94,9	9 300	16 800	84,0
86,0	30,4	84,8	11 800	15 900	34,9	89,2	10 200	17 300	38,8	92,4	8 700	16 100	86,0
88,0	27,5	81,1	11 200	14 900	32,4	86,2	9 700	16 600	36,6	89,8	8 200	15 500	88,0
90,0	24,3	76,9	10 600	14 000	29,7	82,8	9 100	15 900	34,2	86,9	7 700	14 900	90,0
92,0	20,7	71,9	10 000	13 100	26,8	79,0	8 600	14 900	31,6	83,7	7 200	14 300	92,0
94,0	16,3	65,7	9 500	12 200	23,5	74,6	8 100	14 000	28,9	80,2	6 800	13 800	94,0
96,0	10,0	56,7	9 000	11 300	19,7	69,4	7 600	13 100	25,9	76,3	6 300	13 200	96,0
98,0					15,0	62,8	7 200	12 200	22,4	71,7	5 900	12 700	98,0
100,0					7,6	52,2	6 600	11 400	18,4	66,1	5 500	12 200	100,0
102,0									13,2	58,8	5 000	11 700	102,0

MLC300 VPC-MAX S-1

ASME B30.5



135 100 kg



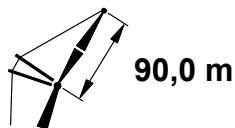
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,7	130,5	22 800	22 800									32,0
34,0	72,3	129,9	22 500	22 500									34,0
36,0	71,0	129,2	22 100	22 100									36,0
38,0	69,6	128,5	21 700	21 700	70,6	128,9	21 700	21 700					38,0
40,0	68,2	127,7	21 300	21 300	69,3	128,1	21 400	21 400					40,0
42,0	66,9	126,9	21 000	21 000	67,9	127,3	21 100	21 100					42,0
44,0	65,5	125,9	20 600	20 600	66,5	126,4	20 700	20 700	68,0	127,0	20 600	20 600	44,0
46,0	64,1	125,0	20 300	20 300	65,1	125,5	20 400	20 400	66,6	126,2	20 300	20 300	46,0
48,0	62,6	124,0	19 900	19 900	63,7	124,5	20 100	20 100	65,2	125,3	20 000	20 000	48,0
50,0	61,2	122,9	19 600	19 600	62,2	123,5	19 800	19 800	63,8	124,3	19 800	19 800	50,0
52,0	59,7	121,7	19 300	19 300	60,8	122,4	19 500	19 500	62,4	123,2	19 500	19 500	52,0
54,0	58,2	120,5	19 000	19 000	59,3	121,2	19 200	19 200	60,9	122,1	19 200	19 200	54,0
56,0	56,7	119,2	18 700	18 700	57,8	120,0	18 900	18 900	59,4	121,0	18 900	18 900	56,0
58,0	55,1	117,8	18 400	18 400	56,3	118,6	18 600	18 600	58,0	119,7	18 700	18 700	58,0
60,0	53,6	116,3	18 200	18 200	54,7	117,2	18 300	18 300	56,4	118,4	18 400	18 400	60,0
62,0	51,9	114,8	17 900	17 900	53,1	115,7	18 100	18 100	54,9	117,0	18 200	18 200	62,0
64,0	50,3	113,1	17 700	17 700	51,5	114,2	17 800	17 800	53,3	115,5	17 900	17 900	64,0
66,0	48,6	111,4	17 500	17 500	49,9	112,5	17 600	17 600	51,7	114,0	17 700	17 700	66,0
68,0	46,9	109,5	17 200	17 200	48,2	110,7	17 400	17 400	50,0	112,3	17 500	17 500	68,0
70,0	45,1	107,6	17 000	17 000	46,4	108,8	17 200	17 200	48,3	110,5	17 300	17 300	70,0
72,0	43,2	105,5	16 800	16 800	44,6	106,8	17 000	17 000	46,6	108,7	17 100	17 100	72,0
74,0	41,3	103,2	16 600	16 600	42,7	104,7	16 800	16 800	44,8	106,7	16 900	16 900	74,0
76,0	39,3	100,8	16 400	16 400	40,8	102,4	16 600	16 600	42,9	104,6	16 400	16 700	76,0
78,0	37,3	98,2	15 900	15 900	38,8	100,0	16 400	16 400	41,0	102,3	15 600	16 600	78,0
80,0	35,1	95,4	15 100	15 100	36,7	97,3	15 700	15 700	39,0	99,9	14 800	16 400	80,0
82,0	32,8	92,4	14 300	14 300	34,5	94,5	14 900	14 900	36,9	97,2	14 100	15 900	82,0
84,0	30,3	89,1	13 600	13 600	32,1	91,4	14 200	14 200	34,7	94,4	13 400	15 100	84,0
86,0	27,6	85,4	12 800	12 800	29,6	88,0	13 400	13 400	32,4	91,3	12 700	14 300	86,0
88,0	24,7	81,2	11 700	11 700	26,9	84,1	12 700	12 700	29,9	87,9	12 100	13 500	88,0
90,0	21,3	76,4	10 700	10 700	23,8	79,8	11 800	11 800	27,1	84,2	11 500	12 800	90,0
92,0	17,4	70,5	9 600	9 600	20,4	74,8	10 800	10 800	24,1	79,9	10 900	12 100	92,0
94,0	12,2	62,6	7 900	7 900	16,2	68,5	9 700	9 700	20,7	74,9	10 300	11 200	94,0
96,0					10,4	59,6	7 900	7 900	16,6	68,8	9 800	10 400	96,0
98,0									11,1	60,4	8 800	8 900	98,0
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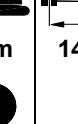
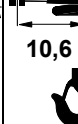
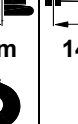
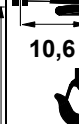
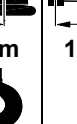
MLC300 VPC-MAX S-1

ASME B30.5



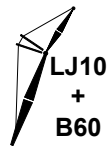
135 100 kg



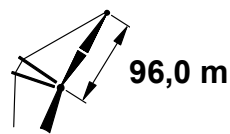
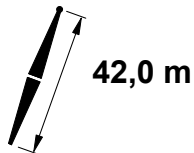
	 75°				 70°				 65°					
 m		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg	 14,6 m kg	 m	
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0	63,5	123,2	18 700	18 700										54,0
56,0	62,1	122,2	18 600	18 600										56,0
58,0	60,6	121,1	18 400	18 400										58,0
60,0	59,2	119,9	18 200	18 200										60,0
62,0	57,7	118,6	18 000	18 000										62,0
64,0	56,1	117,3	17 800	17 800	58,8	118,4	17 000	17 000						64,0
66,0	54,6	115,9	17 600	17 600	57,3	117,1	16 800	16 900						66,0
68,0	53,0	114,4	17 400	17 400	55,7	115,8	16 000	16 800						68,0
70,0	51,4	112,8	17 000	17 200	54,2	114,3	15 100	16 700						70,0
72,0	49,7	111,1	16 200	17 000	52,6	112,8	14 200	16 600						72,0
74,0	48,0	109,3	15 300	16 900	51,0	111,2	13 500	16 500						74,0
76,0	46,2	107,4	14 500	16 700	49,3	109,5	12 700	16 400	52,1	110,9	11 000	15 500		76,0
78,0	44,4	105,4	13 800	16 600	47,6	107,7	12 000	16 300	50,5	109,3	10 300	15 500		78,0
80,0	42,6	103,3	13 100	16 400	45,8	105,8	11 400	16 200	48,8	107,5	9 700	15 500		80,0
82,0	40,6	101,0	12 400	16 300	44,0	103,7	10 700	16 100	47,0	105,7	9 100	15 500		82,0
84,0	38,6	98,5	11 700	16 200	42,1	101,6	10 100	16 000	45,3	103,7	8 500	15 400		84,0
86,0	36,5	95,8	11 100	15 800	40,1	99,2	9 500	15 900	43,4	101,6	8 000	15 400		86,0
88,0	34,2	93,0	10 500	15 000	38,1	96,7	9 000	15 800	41,5	99,4	7 500	14 900		88,0
90,0	31,9	89,8	10 000	14 200	35,9	94,0	8 400	15 500	39,5	97,0	7 000	14 400		90,0
92,0	29,3	86,4	9 400	13 500	33,7	91,1	7 900	14 800	37,5	94,5	6 500	13 800		92,0
94,0	26,6	82,5	8 900	12 700	31,3	87,9	7 400	14 100	35,3	91,7	6 000	13 200		94,0
96,0	23,5	78,1	8 400	12 000	28,7	84,3	7 000	13 300	33,0	88,7	5 600	12 700		96,0
98,0	20,0	73,0	7 900	11 300	25,9	80,4	6 500	12 600	30,5	85,4	5 200	12 200		98,0
100,0	15,7	66,5	7 400	10 500	22,7	75,8	6 100	11 900	27,9	81,7	4 800	11 700		100,0
102,0	9,6	57,2	6 900	9 700	19,0	70,4	5 600	11 300	25,0	77,6		11 300		102,0
104,0					14,5	63,5	5 200	10 500	21,7	72,8		10 800		104,0
106,0									17,8	67,1		10 400		106,0
108,0									12,8	59,5		9 900		108,0

MLC300 VPC-MAX S-1

ASME B30.5



135 100 kg



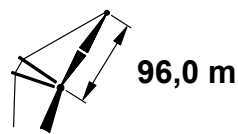
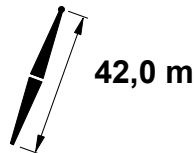
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,8	136,3	19 000	19 000									33,5
34,0	73,5	136,2	18 900	18 900									34,0
36,0	72,2	135,6	18 600	18 600									36,0
38,0	70,9	134,9	18 200	18 200									38,0
40,0	69,7	134,2	17 800	17 800	70,6	134,5	17 900	17 900					40,0
42,0	68,4	133,4	17 500	17 500	69,3	133,8	17 600	17 600					42,0
44,0	67,1	132,5	17 200	17 200	68,1	133,0	17 300	17 300					44,0
46,0	65,8	131,6	16 800	16 800	66,8	132,1	16 900	16 900	68,2	132,7	16 900	16 900	46,0
48,0	64,5	130,7	16 500	16 500	65,4	131,2	16 600	16 600	66,9	131,8	16 700	16 700	48,0
50,0	63,1	129,7	16 200	16 200	64,1	130,3	16 300	16 300	65,6	130,9	16 400	16 400	50,0
52,0	61,8	128,6	15 900	15 900	62,8	129,2	16 000	16 000	64,2	130,0	16 100	16 100	52,0
54,0	60,4	127,5	15 600	15 600	61,4	128,1	15 700	15 700	62,9	129,0	15 800	15 800	54,0
56,0	59,0	126,3	15 300	15 300	60,0	127,0	15 500	15 500	61,6	127,9	15 600	15 600	56,0
58,0	57,6	125,0	15 000	15 000	58,7	125,8	15 200	15 200	60,2	126,8	15 300	15 300	58,0
60,0	56,2	123,7	14 800	14 800	57,2	124,5	14 900	14 900	58,8	125,6	15 000	15 000	60,0
62,0	54,7	122,3	14 500	14 500	55,8	123,2	14 700	14 700	57,4	124,3	14 800	14 800	62,0
64,0	53,2	120,8	14 300	14 300	54,3	121,7	14 400	14 400	55,9	122,9	14 600	14 600	64,0
66,0	51,7	119,3	14 100	14 100	52,8	120,2	14 200	14 200	54,5	121,5	14 300	14 300	66,0
68,0	50,2	117,6	13 900	13 900	51,3	118,7	14 000	14 000	53,0	120,0	14 100	14 100	68,0
70,0	48,6	115,9	13 700	13 700	49,8	117,0	13 800	13 800	51,5	118,5	13 900	13 900	70,0
72,0	47,0	114,0	13 500	13 500	48,2	115,2	13 600	13 600	49,9	116,8	13 700	13 700	72,0
74,0	45,3	112,1	13 300	13 300	46,5	113,3	13 400	13 400	48,3	115,0	13 500	13 500	74,0
76,0	43,6	110,0	13 100	13 100	44,8	111,3	13 200	13 200	46,7	113,2	13 300	13 300	76,0
78,0	41,8	107,8	12 900	12 900	43,1	109,2	13 000	13 000	45,0	111,2	13 100	13 100	78,0
80,0	39,9	105,4	12 800	12 800	41,3	107,0	12 900	12 900	43,3	109,1	13 000	13 000	80,0
82,0	38,0	102,9	12 600	12 600	39,5	104,6	12 700	12 700	41,5	106,8	12 800	12 800	82,0
84,0	36,0	100,2	12 500	12 500	37,5	102,0	12 600	12 600	39,6	104,5	12 700	12 700	84,0
86,0	33,9	97,3	12 300	12 300	35,5	99,3	12 500	12 500	37,7	101,9	12 200	12 600	86,0
88,0	31,7	94,1	11 200	11 200	33,3	96,3	12 200	12 200	35,7	99,2	11 500	12 400	88,0
90,0	29,3	90,6	9 600	9 600	31,1	93,1	11 500	11 500	33,6	96,2	10 900	12 300	90,0
92,0	26,7	86,8	8 200	8 200	28,6	89,5	9 800	9 800	31,3	93,0	10 400	11 700	92,0
94,0	23,9	82,5	6 700	6 700	26,0	85,5	8 200	8 200	28,9	89,5	9 800	10 700	94,0
96,0	20,6	77,5	5 400	5 400	23,0	81,0	6 700	6 700	26,3	85,6	9 100	9 100	96,0
98,0					19,7	75,8	5 400	5 400	23,3	81,1	7 400	7 400	98,0
100,0									20,0	76,0	5 900	5 900	100,0
102,0									16,1	69,7	4 600	4 600	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

MLC300 VPC-MAX S-1

ASME B30.5



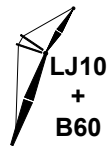
135 100 kg



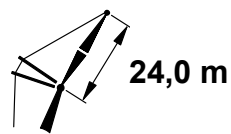
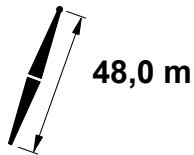
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	62,6	127,9	15 100	15 100									58,0
60,0	61,3	126,8	14 900	14 900									60,0
62,0	59,9	125,7	14 700	14 700									62,0
64,0	58,5	124,5	14 500	14 500									64,0
66,0	57,1	123,2	14 300	14 300									66,0
68,0	55,6	121,8	14 100	14 100	58,2	123,0	13 700	13 700					68,0
70,0	54,2	120,4	13 900	13 900	56,7	121,7	13 600	13 600					70,0
72,0	52,7	118,9	13 700	13 700	55,3	120,3	13 400	13 400					72,0
74,0	51,2	117,3	13 600	13 600	53,8	118,9	12 800	13 300					74,0
76,0	49,6	115,6	13 400	13 400	52,3	117,3	12 100	13 200					76,0
78,0	48,0	113,8	13 100	13 200	50,8	115,7	11 400	13 100	53,4	116,9	9 600	12 500	78,0
80,0	46,4	111,9	12 500	13 100	49,2	114,0	10 700	12 900	51,9	115,4	9 000	12 400	80,0
82,0	44,7	109,9	11 800	12 900	47,6	112,2	10 100	12 800	50,3	113,7	8 400	12 400	82,0
84,0	42,9	107,8	11 100	12 800	46,0	110,3	9 500	12 700	48,7	112,0	7 900	12 300	84,0
86,0	41,1	105,5	10 500	12 600	44,3	108,3	8 900	12 600	47,1	110,2	7 300	12 200	86,0
88,0	39,3	103,1	9 900	12 500	42,5	106,1	8 400	12 400	45,4	108,2	6 800	12 200	88,0
90,0	37,3	100,5	9 400	12 400	40,7	103,8	7 800	12 300	43,7	106,2	6 300	12 100	90,0
92,0	35,3	97,8	8 800	12 300	38,8	101,4	7 300	12 200	42,0	104,0	5 900	12 000	92,0
94,0	33,1	94,8	8 300	12 100	36,8	98,7	6 800	12 100	40,1	101,6	5 400	12 000	94,0
96,0	30,8	91,5	7 800	11 600	34,8	95,9	6 400	12 100	38,2	99,1	5 000	11 900	96,0
98,0	28,4	87,9	7 300	10 900	32,6	92,8	5 900	11 900	36,2	96,4		11 700	98,0
100,0	25,7	83,9	6 900	9 800	30,3	89,5	5 500	11 500	34,1	93,5		11 300	100,0
102,0	22,7	79,3	6 400	8 000	27,8	85,8	5 100	10 800	31,9	90,4		10 800	102,0
104,0	19,3	74,0	5 900	6 400	25,0	81,7		10 100	29,5	87,0		10 400	104,0
106,0	15,2	67,3	5 000	5 000	22,0	77,0		8 400	27,0	83,2		9 900	106,0
108,0					18,4	71,4		6 700	24,1	78,9		9 500	108,0
110,0					14,0	64,3		5 300	21,0	73,9		8 600	110,0
112,0									17,2	68,0		6 900	112,0
114,0									12,4	60,1		5 400	114,0

MLC300 VPC-MAX S-1

ASME B30.5



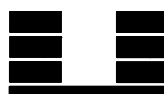
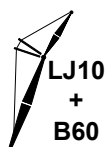
135 100 kg



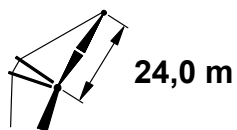
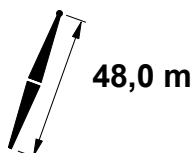
	85°				83°				80°				
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
15,2	70,4	72,7	139 100 c	139 100 c									15,2
16,0	68,4	72,4	133 000 c	133 000 c									16,0
18,0	63,1	71,4	116 300 b	116 300 b	67,6	72,0	133 800 b	136 000 b					18,0
20,0	57,4	70,2	102 300	102 300	62,2	71,0	118 100 b	125 000 b					20,0
22,0	51,4	68,6	91 700	91 700	56,5	69,7	104 800	109 400	63,6	70,9	101 700 b	126 800 b	22,0
24,0	44,8	66,7	83 200	83 200	50,4	68,1	93 900	97 500	58,0	69,7	91 100	113 800	24,0
26,0	37,2	64,2	76 600	76 600	43,6	66,1	84 900	88 200	52,0	68,2	82 400	103 000	26,0
28,0	27,7	60,8	71 600	71 600	35,8	63,6	77 500	81 000	45,4	66,3	75 200	94 100	28,0
30,0					25,9	59,9	71 000	75 500	37,9	63,9	69 000	86 500	30,0
32,0					5,8	51,8	62 900	62 900	28,7	60,6	63 600	79 900	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

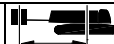
MLC300 VPC-MAX S-1

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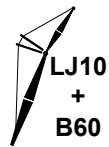
135 100 kg



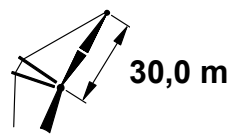
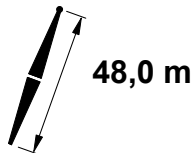
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 m	
15,2														15,2
16,0														16,0
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0	58,3	68,8	71 400	90 300										28,0
30,0	52,4	67,3	65 500	83 000										30,0
32,0	45,8	65,4	60 400	76 700	58,4	67,5	57 100	73 400						32,0
34,0	38,4	63,1	56 000	71 200	52,4	66,0	53 000	68 200						34,0
36,0	29,3	59,8	52 100	66 400	45,9	64,1	49 300	63 600						36,0
38,0	15,6	54,5	48 500	62 000	38,5	61,8	46 100	59 500						38,0
40,0					29,4	58,5	43 100	55 800	45,5	62,3	40 800	53 500		40,0
42,0					15,8	53,2	40 400	52 400	38,0	59,9	38 300	50 300		42,0
44,0									28,8	56,7	36 000	47 400		44,0

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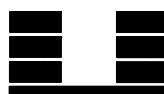
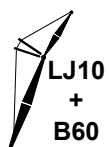
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	71,4	78,6	114 500 b	114 500 b									16,8
18,0	68,8	78,1	113 200 b	113 200 b									18,0
20,0	64,6	77,1	104 400	104 400	68,2	77,7	113 000 b	113 200 b					20,0
22,0	60,2	76,0	92 800	92 800	63,9	76,8	104 400	108 100					22,0
24,0	55,7	74,7	83 600	83 600	59,5	75,6	93 600	100 100	65,0	76,6	90 700	110 300	24,0
26,0	50,8	73,1	76 200	76 200	54,9	74,2	84 600	90 200	60,7	75,5	82 000	102 600	26,0
28,0	45,5	71,2	70 300	70 300	50,0	72,6	77 200	82 000	56,1	74,2	74 800	93 800	28,0
30,0	39,7	68,9	65 400	65 400	44,6	70,7	70 900	75 200	51,2	72,6	68 700	86 200	30,0
32,0	33,0	66,0	61 300	61 300	38,7	68,3	65 400	69 700	46,0	70,8	63 300	79 600	32,0
34,0	24,6	62,1	58 400	58 400	31,8	65,3	60 600	65 300	40,2	68,5	58 800	74 000	34,0
36,0					23,0	61,1	56 400	62 000	33,6	65,7	54 700	69 000	36,0
38,0									25,5	61,9	51 100	64 500	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

MLC300 VPC-MAX S-1

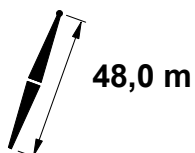
ASME B30.5



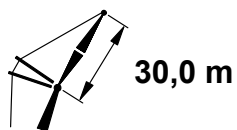
135 100 kg



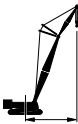
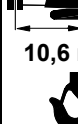
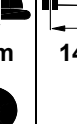
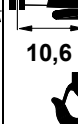
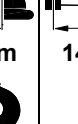
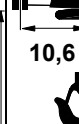
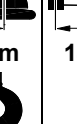
360°



48,0 m

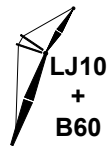


30,0 m

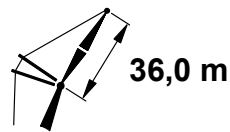
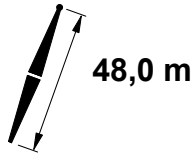
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
16,8														16,8
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0	60,9	74,6	65 000	82 500										30,0
32,0	56,4	73,3	59 900	76 200										32,0
34,0	51,5	71,8	55 600	70 800										34,0
36,0	46,3	69,9	51 800	66 000	56,4	72,0	48 800	63 100						36,0
38,0	40,6	67,7	48 300	61 800	51,6	70,5	45 600	59 000						38,0
40,0	34,0	64,9	45 300	58 000	46,4	68,6	42 700	55 400						40,0
42,0	26,0	61,2	42 500	54 600	40,6	66,4	40 100	52 200	51,3	68,7	37 700	49 800		42,0
44,0	13,8	55,1	40 000	51 400	34,1	63,6	37 800	49 200	46,1	66,8	35 500	47 000		44,0
46,0					26,1	59,9	35 600	46 500	40,3	64,6	33 500	44 400		46,0
48,0									33,7	61,8	31 700	42 100		48,0
50,0									25,5	58,0	30 000	39 900		50,0

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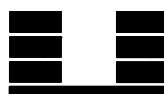
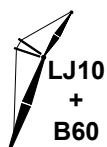
135 100 kg



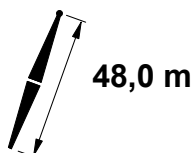
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	72,0	84,4	97 400 b	97 400 b									18,3
20,0	69,1	83,7	92 400	92 400									20,0
22,0	65,6	82,8	86 700	86 700	68,6	83,4	92 000	92 000					22,0
24,0	62,0	81,8	81 400	81 400	65,1	82,5	86 500	86 500					24,0
26,0	58,3	80,6	76 400	76 400	61,5	81,4	81 300	81 300	66,0	82,3	81 600	88 300	26,0
28,0	54,4	79,2	70 600	70 600	57,7	80,2	76 300	76 500	62,4	81,3	74 500	83 200	28,0
30,0	50,3	77,6	65 200	65 200	53,8	78,7	70 700	72 000	58,7	80,1	68 400	78 400	30,0
32,0	46,0	75,7	60 700	60 700	49,7	77,1	65 200	67 800	54,8	78,7	63 100	73 800	32,0
34,0	41,2	73,5	56 900	56 900	45,3	75,2	60 500	63 800	50,7	77,1	58 500	69 600	34,0
36,0	36,0	70,9	53 800	53 800	40,4	72,9	56 300	60 100	46,4	75,3	54 500	65 500	36,0
38,0	29,9	67,6	51 200	51 200	35,1	70,2	52 600	56 500	41,7	73,1	50 900	61 600	38,0
40,0	22,3	63,3	48 800	48 800	28,8	66,8	49 300	53 300	36,5	70,5	47 700	57 900	40,0
42,0					20,8	62,2	46 400	50 100	30,5	67,3	44 900	54 500	42,0
44,0									23,1	63,1	42 200	51 500	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

MLC300 VPC-MAX S-1

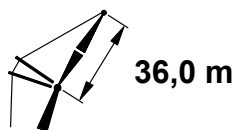
ASME B30.5



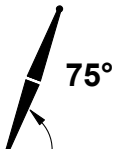
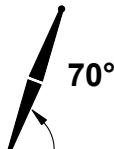
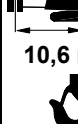
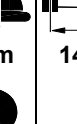
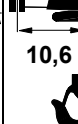
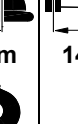
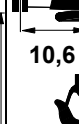
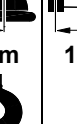
135 100 kg



48,0 m

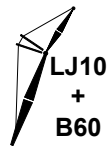


36,0 m

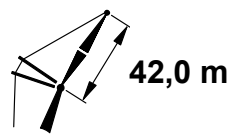
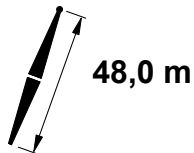
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
18,3														18,3
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0	62,6	80,4	59 500	75 800										32,0
34,0	58,9	79,2	55 200	70 400										34,0
36,0	55,0	77,8	51 400	65 700										36,0
38,0	51,0	76,3	48 000	61 500										38,0
40,0	46,7	74,4	45 000	57 700	55,1	76,5	42 300	55 000						40,0
42,0	42,0	72,3	42 300	54 400	51,0	74,9	39 800	51 800						42,0
44,0	36,8	69,7	39 900	51 300	46,7	73,1	37 500	48 900						44,0
46,0	30,9	66,6	37 600	48 500	42,0	71,0	35 400	46 300	50,8	73,2	33 100	44 100		46,0
48,0	23,6	62,5	35 600	46 000	36,9	68,4	33 500	43 900	46,4	71,3	31 300	41 800		48,0
50,0	12,5	55,8	33 600	43 600	30,9	65,3	31 700	41 700	41,7	69,2	29 700	39 700		50,0
52,0					23,7	61,2	30 000	39 600	36,5	66,6	28 100	37 700		52,0
54,0									30,6	63,4	26 600	35 900		54,0
56,0									23,2	59,2	25 300	34 200		56,0

MLC300 VPC-MAX S-1

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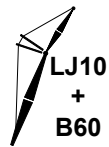
135 100 kg



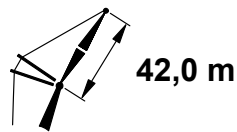
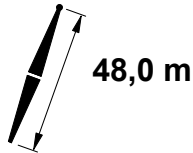
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	72,5	90,2	83 600	83 600									19,8
20,0	72,2	90,1	83 200	83 200									20,0
22,0	69,3	89,4	78 700	78 700									22,0
24,0	66,4	88,5	74 400	74 400	68,9	89,1	78 500	78 500					24,0
26,0	63,3	87,5	70 100	70 100	65,9	88,2	74 300	74 300					26,0
28,0	60,2	86,4	65 600	65 600	62,8	87,2	69 900	69 900	66,6	88,0	74 000	75 600	28,0
30,0	56,9	85,1	61 400	61 400	59,7	86,0	65 400	65 400	63,6	87,0	67 800	71 400	30,0
32,0	53,6	83,7	57 500	57 500	56,4	84,7	61 200	61 200	60,5	85,9	62 600	67 000	32,0
34,0	50,0	82,0	54 000	54 000	53,0	83,2	57 400	57 400	57,2	84,7	58 000	62 800	34,0
36,0	46,3	80,2	50 700	50 700	49,5	81,6	53 900	53 900	53,9	83,2	54 000	58 800	36,0
38,0	42,3	78,1	47 700	47 700	45,7	79,7	50 600	50 600	50,4	81,6	50 500	55 200	38,0
40,0	38,0	75,6	44 900	44 900	41,7	77,5	47 500	47 500	46,7	79,8	47 300	51 800	40,0
42,0	33,2	72,7	42 300	42 300	37,3	74,9	44 700	44 700	42,7	77,7	44 500	48 700	42,0
44,0	27,6	69,1	39 900	39 900	32,3	71,9	42 100	42 100	38,4	75,2	41 900	45 800	44,0
46,0	20,5	64,3	37 700	37 700	26,6	68,2	39 700	39 700	33,6	72,3	39 600	43 100	46,0
48,0					19,2	63,2	37 600	37 600	28,1	68,8	37 400	40 600	48,0
50,0									21,3	64,2	35 500	38 400	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

MLC300 VPC-MAX S-1

ASME B30.5



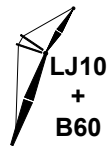
135 100 kg



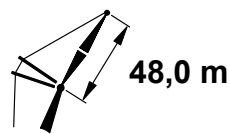
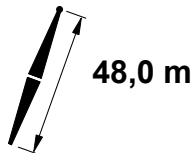
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	60,7	85,0	50 800	65 100									36,0
38,0	57,4	83,8	47 500	60 900									38,0
40,0	54,1	82,3	44 500	57 200									40,0
42,0	50,6	80,7	41 800	53 900	57,5	82,5	39 200	51 200					42,0
44,0	46,9	78,9	39 400	50 800	54,1	81,0	36 900	48 300					44,0
46,0	42,9	76,8	37 200	48 100	50,6	79,4	34 800	45 700					46,0
48,0	38,7	74,4	35 200	45 600	46,9	77,6	32 900	43 400					48,0
50,0	33,9	71,6	33 300	43 300	43,0	75,5	31 200	41 200	50,4	77,7	28 900	39 100	50,0
52,0	28,5	68,1	31 600	41 200	38,7	73,1	29 600	39 200	46,7	75,8	27 300	37 200	52,0
54,0	21,7	63,6	30 000	38 900	34,0	70,3	28 100	37 300	42,7	73,7	25 900	35 400	54,0
56,0	11,5	56,3	28 500	36 900	28,5	66,8	26 700	35 600	38,4	71,3	24 600	33 700	56,0
58,0					21,8	62,3	25 400	33 900	33,7	68,4	23 300	32 200	58,0
60,0									28,2	64,9	22 200	30 800	60,0
62,0									21,4	60,3	21 000	29 400	62,0
64,0									10,7	52,8	19 900	28 100	64,0

MLC300 VPC-MAX S-1

ASME B30.5



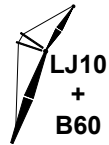
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,9	96,0	69 100	69 100									21,3
22,0	72,0	95,8	67 900	67 900									22,0
24,0	69,5	95,1	64 500	64 500									24,0
26,0	66,9	94,2	61 200	61 200	69,1	94,7	64 300	64 300					26,0
28,0	64,2	93,3	58 100	58 100	66,5	93,9	61 100	61 100					28,0
30,0	61,5	92,2	54 800	54 800	63,8	92,9	58 000	58 000	67,1	93,7	62 100	62 100	30,0
32,0	58,8	91,0	51 700	51 700	61,1	91,8	54 800	54 800	64,5	92,8	59 100	59 100	32,0
34,0	55,9	89,7	48 700	48 700	58,3	90,6	51 600	51 600	61,8	91,7	56 000	56 000	34,0
36,0	52,9	88,2	45 800	45 800	55,4	89,2	48 600	48 600	59,0	90,5	52 900	52 900	36,0
38,0	49,8	86,5	43 000	43 000	52,4	87,7	45 700	45 700	56,2	89,2	49 800	49 800	38,0
40,0	46,6	84,7	40 400	40 400	49,3	86,0	43 000	43 000	53,2	87,7	46 700	46 900	40,0
42,0	43,1	82,6	38 000	38 000	46,0	84,2	40 300	40 300	50,1	86,1	43 900	44 100	42,0
44,0	39,4	80,2	35 700	35 700	42,5	82,0	37 900	37 900	46,9	84,2	41 400	41 400	44,0
46,0	35,4	77,5	33 600	33 600	38,8	79,6	35 700	35 700	43,4	82,2	38 900	38 900	46,0
48,0	30,9	74,3	31 600	31 600	34,7	76,8	33 500	33 500	39,8	79,8	36 600	36 600	48,0
50,0	25,7	70,4	29 800	29 800	30,1	73,6	31 500	31 500	35,8	77,2	34 400	34 400	50,0
52,0	19,1	65,3	28 000	28 000	24,8	69,5	29 700	29 700	31,3	74,0	32 400	32 400	52,0
54,0					17,9	64,1	28 000	28 000	26,2	70,2	30 500	30 500	54,0
56,0									19,8	65,3	28 700	28 700	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
70,0													70,0

MLC300 VPC-MAX S-1

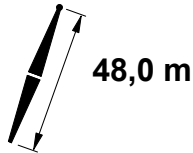
ASME B30.5



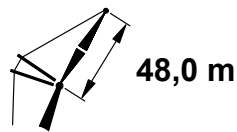
135 100 kg



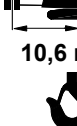
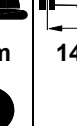
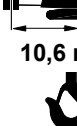
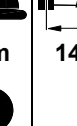
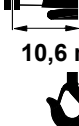
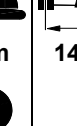
360°



48,0 m

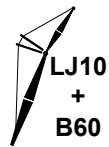


48,0 m

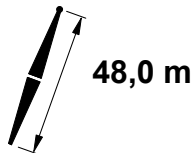
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
21,3														21,3
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0	62,0	90,8	46 800	56 100										38,0
40,0	59,2	89,6	43 900	53 200										40,0
42,0	56,3	88,3	41 200	50 300										42,0
44,0	53,4	86,8	38 800	47 500										44,0
46,0	50,3	85,2	36 600	44 700	56,4	87,0	34 200	45 100						46,0
48,0	47,1	83,4	34 600	42 000	53,4	85,5	32 300	42 700						48,0
50,0	43,6	81,3	32 800	39 500	50,3	83,9	30 600	40 500						50,0
52,0	40,0	79,0	31 100	37 200	47,1	82,1	29 000	38 500	53,2	83,8	26 400	36 500		52,0
54,0	36,0	76,4	29 500	35 000	43,7	80,0	27 500	36 700	50,1	82,1	25 000	34 700		54,0
56,0	31,6	73,3	28 100	33 000	40,0	77,7	26 100	35 000	46,9	80,3	23 700	33 100		56,0
58,0	26,5	69,5	26 700	31 100	36,1	75,1	24 800	33 400	43,5	78,2	22 500	31 600		58,0
60,0	20,3	64,7	25 500	29 300	31,7	72,0	23 600	31 900	39,8	75,9	21 300	30 200		60,0
62,0	10,7	56,9	24 200	27 700	26,6	68,2	22 400	30 500	35,8	73,2	20 300	28 900		62,0
64,0					20,3	63,4	21 300	29 200	31,4	70,1	19 300	27 600		64,0
66,0									26,3	66,3	18 300	26 500		66,0
68,0									19,9	61,4	17 400	25 400		68,0
70,0									10,0	53,3	16 400	24 300		70,0

MLC300 VPC-MAX S-1

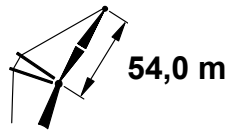
ASME B30.5



135 100 kg



48,0 m

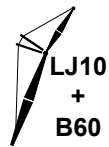


54,0 m

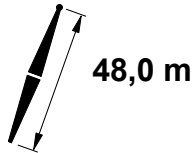
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,1	101,8	61 200	61 200									22,9
24,0	71,9	101,5	59 700	59 700									24,0
26,0	69,6	100,7	56 800	56 800	71,5	101,2	59 400	59 400					26,0
28,0	67,3	99,9	53 900	53 900	69,2	100,4	56 600	56 600					28,0
30,0	65,0	99,0	51 100	51 100	66,9	99,6	53 800	53 800					30,0
32,0	62,6	98,0	48 500	48 500	64,6	98,6	51 100	51 100	67,5	99,4	54 600	54 600	32,0
34,0	60,1	96,8	45 900	45 900	62,2	97,6	48 500	48 500	65,2	98,5	52 000	52 000	34,0
36,0	57,6	95,6	43 400	43 400	59,7	96,4	45 900	45 900	62,8	97,4	49 400	49 400	36,0
38,0	55,1	94,2	41 000	41 000	57,2	95,2	43 400	43 400	60,4	96,3	46 900	46 900	38,0
40,0	52,4	92,7	38 700	38 700	54,6	93,8	41 000	41 000	57,9	95,1	44 500	44 500	40,0
42,0	49,6	91,0	36 600	36 600	52,0	92,2	38 800	38 800	55,3	93,7	42 000	42 000	42,0
44,0	46,8	89,2	34 500	34 500	49,2	90,5	36 500	36 500	52,7	92,2	39 700	39 700	44,0
46,0	43,7	87,1	32 500	32 500	46,3	88,6	34 500	34 500	49,9	90,6	37 500	37 500	46,0
48,0	40,5	84,8	30 600	30 600	43,2	86,6	32 500	32 500	47,0	88,7	35 400	35 400	48,0
50,0	37,0	82,2	28 900	28 900	40,0	84,2	30 600	30 600	44,0	86,7	33 300	33 300	50,0
52,0	33,3	79,3	27 200	27 200	36,5	81,6	28 900	28 900	40,8	84,4	31 400	31 400	52,0
54,0	29,1	75,9	25 600	25 600	32,6	78,6	27 200	27 200	37,4	81,9	29 600	29 600	54,0
56,0	24,2	71,7	24 200	24 200	28,3	75,1	25 600	25 600	33,6	79,0	27 900	27 900	56,0
58,0	18,0	66,3	22 800	22 800	23,3	70,8	24 100	24 100	29,5	75,6	26 300	26 300	58,0
60,0					16,8	65,0	22 800	22 800	24,6	71,5	24 800	24 800	60,0
62,0									18,7	66,3	23 400	23 400	62,0
64,0									9,2	57,6	22 200	22 200	64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0

MLC300 VPC-MAX S-1

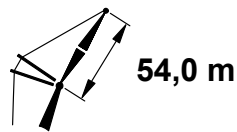
ASME B30.5



135 100 kg



48,0 m

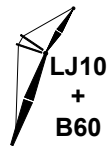


54,0 m

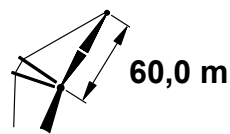
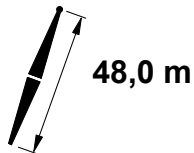
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,9	96,5	43 300	49 300									40,0
42,0	60,5	95,4	40 600	47 000									42,0
44,0	58,0	94,2	38 200	44 800									44,0
46,0	55,5	92,8	36 000	42 500									46,0
48,0	52,8	91,3	34 100	40 200	58,0	92,9	31 600	42 100					48,0
50,0	50,1	89,7	32 200	38 000	55,5	91,5	29 900	39 900					50,0
52,0	47,2	87,9	30 600	35 900	52,8	90,0	28 200	37 900					52,0
54,0	44,2	85,9	29 000	33 900	50,1	88,4	26 800	36 100					54,0
56,0	41,0	83,6	27 600	32 000	47,2	86,6	25 400	34 400					56,0
58,0	37,6	81,1	26 300	30 200	44,2	84,6	24 100	32 900	49,9	86,6	21 600	31 000	58,0
60,0	33,9	78,2	25 000	28 500	41,0	82,3	22 900	31 400	47,0	84,8	20 500	29 600	60,0
62,0	29,7	74,9	23 900	26 800	37,6	79,8	21 700	30 000	44,0	82,8	19 500	28 300	62,0
64,0	25,0	70,8	22 800	25 300	33,9	76,9	20 700	28 800	40,8	80,5	18 500	27 100	64,0
66,0	19,1	65,7	21 700	23 900	29,8	73,6	19 700	27 200	37,4	78,0	17 600	25 900	66,0
68,0	10,0	57,4	20 700	22 600	25,0	69,5	18 700	25 700	33,7	75,1	16 700	24 900	68,0
70,0					19,1	64,4	17 800	24 300	29,5	71,7	15 900	23 800	70,0
72,0									24,7	67,6	15 100	22 900	72,0
74,0									18,7	62,4	14 300	22 000	74,0
76,0									9,4	53,8	13 500	21 000	76,0

MLC300 VPC-MAX S-1

ASME B30.5



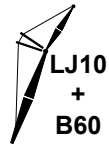
135 100 kg



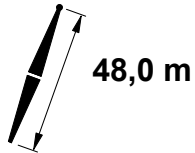
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,4	107,6	54 900	54 900									24,4
26,0	71,7	107,1	54 400	54 400									26,0
28,0	69,7	106,4	53 100	53 100	71,4	106,8	53 900	53 900					28,0
30,0	67,6	105,6	51 500	51 500	69,4	106,1	53 100	53 100					30,0
32,0	65,5	104,7	49 900	49 900	67,3	105,2	51 600	51 600					32,0
34,0	63,4	103,7	48 300	48 300	65,2	104,3	50 100	50 100	67,8	105,1	51 900	51 900	34,0
36,0	61,2	102,6	46 700	46 700	63,1	103,3	48 500	48 500	65,7	104,2	50 600	50 600	36,0
38,0	59,0	101,4	45 100	45 100	60,9	102,2	47 000	47 000	63,6	103,2	48 900	49 200	38,0
40,0	56,7	100,1	43 500	43 500	58,7	101,0	45 400	45 400	61,4	102,1	45 900	47 800	40,0
42,0	54,4	98,7	42 000	42 000	56,4	99,7	43 900	43 900	59,2	100,9	43 000	46 400	42,0
44,0	52,0	97,2	40 500	40 500	54,0	98,3	42 100	42 400	57,0	99,6	40 500	44 900	44,0
46,0	49,5	95,5	39 000	39 000	51,6	96,7	39 800	40 900	54,6	98,2	38 200	43 400	46,0
48,0	46,9	93,6	37 600	37 600	49,1	95,0	37 600	39 400	52,2	96,7	36 100	42 000	48,0
50,0	44,2	91,6	36 100	36 100	46,5	93,1	35 600	38 000	49,7	95,0	34 200	40 500	50,0
52,0	41,3	89,4	34 700	34 700	43,7	91,1	33 800	36 500	47,1	93,2	32 400	39 100	52,0
54,0	38,3	86,9	33 000	33 300	40,9	88,8	32 100	35 100	44,4	91,2	30 800	37 700	54,0
56,0	35,0	84,2	31 400	31 800	37,8	86,3	30 600	33 500	41,6	89,0	29 300	36 000	56,0
58,0	31,5	81,0	29 900	30 100	34,5	83,5	29 100	31 700	38,6	86,6	27 900	34 100	58,0
60,0	27,5	77,4	28 400	28 400	30,9	80,3	27 800	30 000	35,3	83,8	26 600	32 300	60,0
62,0	22,9	72,9	26 900	26 900	26,8	76,5	26 500	28 400	31,8	80,7	25 400	30 500	62,0
64,0	17,0	67,2	24 200	24 200	22,0	71,9	25 300	26 800	27,9	77,1	24 300	28 900	64,0
66,0					15,9	65,8	23 700	24 400	23,3	72,8	23 200	27 400	66,0
68,0									17,7	67,2	22 200	25 900	68,0
70,0									8,7	58,1	21 100	22 000	70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0

MLC300 VPC-MAX S-1

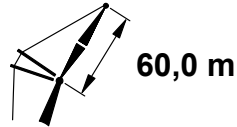
ASME B30.5



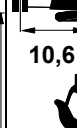
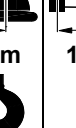
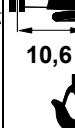
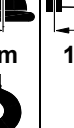
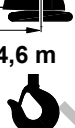
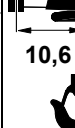
135 100 kg



48,0 m

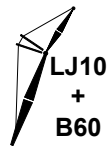


60,0 m

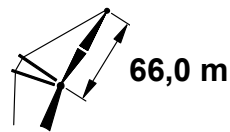
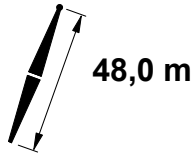
	75°				70°				65°						
	 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg		 kg	 m
24,4															24,4
26,0															26,0
28,0															28,0
30,0															30,0
32,0															32,0
34,0															34,0
36,0															36,0
38,0															38,0
40,0															40,0
42,0															42,0
44,0	61,6	101,2	37 800	47 400											44,0
46,0	59,4	100,0	35 600	46 200											46,0
48,0	57,1	98,7	33 600	44 100											48,0
50,0	54,8	97,4	31 800	41 800											50,0
52,0	52,4	95,8	30 200	39 700	57,1	97,4	27 600	37 500							52,0
54,0	49,9	94,2	28 600	37 800	54,8	96,0	26 200	35 700							54,0
56,0	47,3	92,4	27 200	36 100	52,4	94,5	24 800	34 000							56,0
58,0	44,6	90,4	25 900	34 400	49,9	92,9	23 500	32 500							58,0
60,0	41,8	88,2	24 700	32 900	47,3	91,0	22 300	31 000	52,2	92,8	19 900	29 200			60,0
62,0	38,8	85,7	23 600	31 500	44,6	89,1	21 200	29 700	49,8	91,1	18 900	27 900			62,0
64,0	35,5	83,0	22 400	30 100	41,8	86,9	20 200	28 400	47,2	89,3	17 900	26 700			64,0
66,0	32,0	79,9	21 400	28 900	38,8	84,4	19 200	27 200	44,5	87,3	17 000	25 500			66,0
68,0	28,1	76,4	20 400	27 700	35,6	81,7	18 200	26 100	41,6	85,1	16 200	24 500			68,0
70,0	23,6	72,1	19 400	26 600	32,1	78,6	17 300	25 000	38,6	82,6	15 300	23 500			70,0
72,0	18,0	66,6	18 500	25 500	28,2	75,1	16 500	24 000	35,4	79,9	14 600	22 500			72,0
74,0					23,7	70,8	15 700	23 100	31,9	76,8	13 800	21 600			74,0
76,0					18,1	65,3	14 900	22 200	27,9	73,2	13 100	20 800			76,0
78,0									23,4	68,9	12 500	20 000			78,0
80,0									17,7	63,3	11 800	19 200			80,0
82,0									8,9	54,2	11 100	18 400			82,0

MLC300 VPC-MAX S-1

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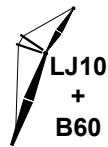
135 100 kg



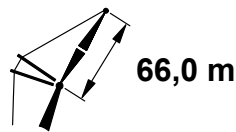
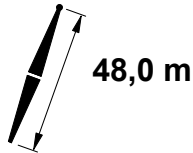
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,5	113,4	45 500	45 500									25,9
26,0	73,4	113,4	45 500	45 500									26,0
28,0	71,6	112,8	45 300	45 300									28,0
30,0	69,8	112,0	45 100	45 100									30,0
32,0	67,9	111,2	44 800	44 800	69,5	111,7	44 500	44 500					32,0
34,0	66,0	110,3	43 600	43 600	67,6	110,9	44 300	44 300					34,0
36,0	64,1	109,4	42 100	42 100	65,7	110,0	43 700	43 700	68,1	110,7	42 900	42 900	36,0
38,0	62,1	108,3	40 600	40 600	63,8	109,0	42 300	42 300	66,2	109,8	42 900	42 900	38,0
40,0	60,1	107,2	39 100	39 100	61,8	108,0	40 900	40 900	64,2	108,9	42 700	42 700	40,0
42,0	58,1	106,0	37 700	37 700	59,8	106,8	39 400	39 400	62,3	107,8	41 500	41 500	42,0
44,0	56,0	104,6	36 200	36 200	57,7	105,5	38 000	38 000	60,3	106,7	39 900	40 200	44,0
46,0	53,8	103,2	34 700	34 700	55,6	104,2	36 500	36 500	58,3	105,5	37 700	38 800	46,0
48,0	51,6	101,6	33 300	33 300	53,5	102,7	35 100	35 100	56,2	104,1	35 600	37 400	48,0
50,0	49,4	99,9	31 900	31 900	51,3	101,2	33 600	33 600	54,0	102,7	33 700	36 000	50,0
52,0	47,0	98,1	30 500	30 500	49,0	99,4	32 200	32 200	51,8	101,2	31 900	34 600	52,0
54,0	44,5	96,1	29 200	29 200	46,6	97,6	30 800	30 800	49,6	99,5	30 300	33 200	54,0
56,0	42,0	93,9	27 900	27 900	44,1	95,5	29 500	29 500	47,2	97,7	28 800	31 800	56,0
58,0	39,3	91,5	26 600	26 600	41,6	93,3	28 100	28 100	44,8	95,7	27 400	30 400	58,0
60,0	36,4	88,9	25 300	25 300	38,8	90,9	26 800	26 800	42,2	93,5	26 100	29 100	60,0
62,0	33,3	85,9	24 100	24 100	35,9	88,2	25 500	25 500	39,5	91,1	24 900	27 700	62,0
64,0	29,9	82,6	22 800	22 800	32,8	85,2	24 300	24 300	36,7	88,5	23 800	26 400	64,0
66,0	26,1	78,7	21 600	21 600	29,3	81,8	23 000	23 000	33,6	85,6	22 700	25 100	66,0
68,0	21,7	74,0	20 500	20 500	25,5	77,8	21 800	21 800	30,2	82,3	21 700	23 900	68,0
70,0	16,1	67,9	19 500	19 500	20,9	72,9	20 700	20 700	26,5	78,5	20 800	22 600	70,0
72,0					15,0	66,5	19 400	19 400	22,1	73,9	19 900	21 400	72,0
74,0									16,7	68,0	19 000	20 300	74,0
76,0									8,1	58,3	18 000	18 200	76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0

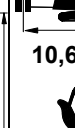
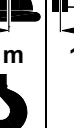
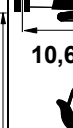
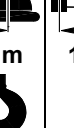
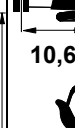
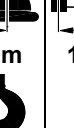
MLC300 VPC-MAX S-1

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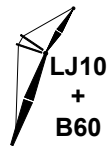
135 100 kg



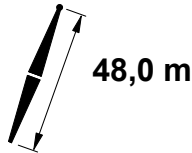
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9																		25,9
26,0																		26,0
28,0																		28,0
30,0																		30,0
32,0																		32,0
34,0																		34,0
36,0																		36,0
38,0																		38,0
40,0																		40,0
42,0																		42,0
44,0																		44,0
46,0	62,4		106,9	35 000	39 800													46,0
48,0	60,4		105,8	33 100	39 700													48,0
50,0	58,4		104,6	31 300	38 800													50,0
52,0	56,3		103,3	29 600	37 600													52,0
54,0	54,2		101,8	28 100	36 400													54,0
56,0	52,0		100,3	26 700	35 100	56,3	101,9	24 000	33 400									56,0
58,0	49,7		98,6	25 300	33 800	54,2	100,5	22 700	31 900									58,0
60,0	47,4		96,8	24 000	32 400	52,0	99,0	21 500	30 400									60,0
62,0	44,9		94,8	22 800	31 000	49,7	97,3	20 400	29 100									62,0
64,0	42,4		92,7	21 700	29 600	47,4	95,5	19 400	27 800	51,9	97,2	17 100	26 100					64,0
66,0	39,7		90,3	20 700	28 400	44,9	93,5	18 400	26 600	49,6	95,5	16 200	24 900					66,0
68,0	36,8		87,7	19 700	27 200	42,4	91,4	17 500	25 500	47,2	93,7	15 300	23 900					68,0
70,0	33,8		84,8	18 700	25 900	39,7	89,0	16 600	24 500	44,8	91,7	14 500	22 900					70,0
72,0	30,4		81,5	17 900	24 600	36,9	86,4	15 800	23 500	42,2	89,6	13 800	22 000					72,0
74,0	26,7		77,7	17 000	23 400	33,8	83,5	15 000	22 600	39,5	87,2	13 100	21 100					74,0
76,0	22,4		73,2	16 200	22 200	30,5	80,2	14 300	21 700	36,7	84,6	12 400	20 200					76,0
78,0	17,1		67,4	15 400	21 000	26,7	76,4	13 600	20 800	33,6	81,7	11 700	19 400					78,0
80,0						22,5	71,9	12 900	20 000	30,3	78,4	11 100	18 700					80,0
82,0						17,1	66,1	12 200	19 300	26,5	74,5	10 500	18 000					82,0
84,0										22,2	70,0	9 900	17 300					84,0
86,0										16,8	64,1	9 400	16 600					86,0
88,0										8,2	54,4	8 800	15 900					88,0

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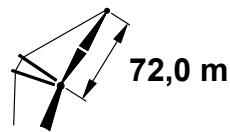
ASME B30.5



135 100 kg



48,0 m



72,0 m

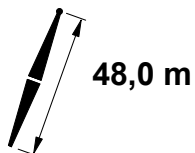
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,7	119,3	38 100	38 100									27,4
28,0	73,2	119,1	38 000	38 000									28,0
30,0	71,5	118,4	37 700	37 700									30,0
32,0	69,8	117,7	37 400	37 400	71,3	118,1	37 100	37 100					32,0
34,0	68,1	116,9	37 100	37 100	69,6	117,4	36 900	36 900					34,0
36,0	66,4	116,0	36 800	36 800	67,8	116,6	36 700	36 700					36,0
38,0	64,6	115,1	36 400	36 400	66,1	115,7	36 400	36 400					38,0
40,0	62,8	114,1	35 700	35 700	64,3	114,7	36 200	36 200	66,5	115,5	35 500	35 500	40,0
42,0	61,0	113,0	34 600	34 600	62,5	113,7	35 700	35 700	64,8	114,6	35 300	35 300	42,0
44,0	59,2	111,8	33 400	33 400	60,7	112,6	34 800	34 800	63,0	113,6	35 200	35 200	44,0
46,0	57,3	110,5	32 300	32 300	58,9	111,4	33 700	33 700	61,2	112,5	35 000	35 000	46,0
48,0	55,4	109,1	31 100	31 100	57,0	110,1	32 600	32 600	59,3	111,3	34 400	34 400	48,0
50,0	53,4	107,7	29 900	29 900	55,0	108,7	31 400	31 400	57,5	110,0	33 200	33 300	50,0
52,0	51,4	106,1	28 700	28 700	53,1	107,2	30 200	30 200	55,5	108,7	31 500	32 200	52,0
54,0	49,3	104,4	27 500	27 500	51,0	105,6	29 000	29 000	53,6	107,2	29 900	31 000	54,0
56,0	47,1	102,6	26 300	26 300	48,9	103,9	27 800	27 800	51,5	105,6	28 400	29 800	56,0
58,0	44,9	100,6	25 000	25 000	46,8	102,1	26 500	26 500	49,5	104,0	27 000	28 600	58,0
60,0	42,5	98,4	23 800	23 800	44,5	100,1	25 300	25 300	47,3	102,1	25 700	27 400	60,0
62,0	40,1	96,1	22 600	22 600	42,2	97,9	24 000	24 000	45,1	100,2	24 500	26 100	62,0
64,0	37,5	93,6	21 400	21 400	39,7	95,5	22 800	22 800	42,8	98,0	23 400	24 900	64,0
66,0	34,8	90,8	20 200	20 200	37,1	92,9	21 600	21 600	40,3	95,7	22 400	23 700	66,0
68,0	31,8	87,6	19 100	19 100	34,3	90,1	20 400	20 400	37,8	93,2	21 400	22 400	68,0
70,0	28,6	84,1	17 900	17 900	31,3	86,9	19 200	19 200	35,0	90,4	20 400	21 200	70,0
72,0	25,0	80,0	16 900	16 900	28,0	83,3	18 100	18 100	32,1	87,3	19 400	20 000	72,0
74,0	20,7	75,1	15 800	15 800	24,3	79,1	17 000	17 000	28,9	83,8	18 500	18 800	74,0
76,0	15,4	68,7	14 800	14 800	20,0	74,0	15 900	15 900	25,3	79,8	17 600	17 700	76,0
78,0					14,4	67,3	14 900	14 900	21,2	75,0	16 600	16 600	78,0
80,0									16,0	68,8	15 600	15 600	80,0
82,0									7,8	58,7	14 700	14 700	82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0

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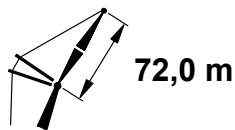
ASME B30.5



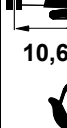
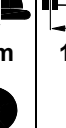
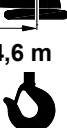
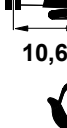
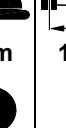
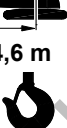
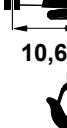
135 100 kg



48,0 m

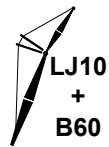


72,0 m

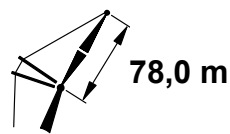
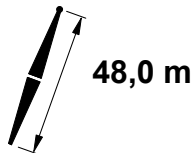
	75°				70°				65°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	63,1	112,6	32 300	32 800									48,0
50,0	61,3	111,6	30 800	32 800									50,0
52,0	59,5	110,4	29 100	32 900									52,0
54,0	57,6	109,1	27 500	32 900									54,0
56,0	55,7	107,8	26 000	32 300									56,0
58,0	53,7	106,3	24 700	31 300	57,6	107,8	22 000	30 200					58,0
60,0	51,7	104,8	23 400	30 300	55,7	106,5	20 900	29 900					60,0
62,0	49,6	103,1	22 200	29 200	53,7	105,0	19 800	28 600					62,0
64,0	47,4	101,3	21 100	28 000	51,7	103,5	18 700	27 300					64,0
66,0	45,2	99,3	20 100	26 800	49,6	101,8	17 800	26 200					66,0
68,0	42,9	97,2	19 100	25 600	47,5	100,0	16 900	25 100	51,6	101,7	14 700	23 400	68,0
70,0	40,5	94,9	18 200	24 400	45,2	98,0	16 000	24 000	49,5	100,0	13 900	22 400	70,0
72,0	37,9	92,4	17 300	23 100	42,9	95,9	15 200	23 100	47,3	98,2	13 100	21 500	72,0
74,0	35,2	89,6	16 500	21 900	40,5	93,6	14 400	22 100	45,1	96,2	12 400	20 600	74,0
76,0	32,3	86,5	15 700	20 600	37,9	91,1	13 700	21 300	42,8	94,1	11 800	19 800	76,0
78,0	29,1	83,1	14 900	19 400	35,2	88,3	13 000	20 400	40,3	91,8	11 100	19 000	78,0
80,0	25,5	79,1	14 200	18 300	32,3	85,2	12 300	19 600	37,8	89,3	10 500	18 200	80,0
82,0	21,4	74,3	13 500	17 200	29,1	81,8	11 700	18 900	35,1	86,5	9 900	17 500	82,0
84,0	16,3	68,2	12 800	16 200	25,6	77,8	11 100	18 200	32,1	83,4	9 400	16 800	84,0
86,0					21,5	73,1	10 500	17 500	28,9	79,9	8 800	16 200	86,0
88,0					16,4	67,0	9 900	16 600	25,3	75,9	8 300	15 600	88,0
90,0									21,2	71,1	7 800	15 000	90,0
92,0									16,0	64,9	7 300	14 400	92,0
94,0									7,9	54,9	6 800	13 800	94,0

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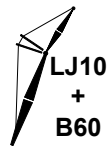
135 100 kg



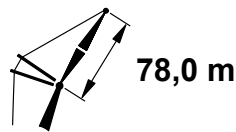
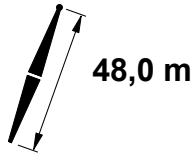
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,8	125,1	31 500	31 500									29,0
30,0	73,0	124,7	31 400	31 400									30,0
32,0	71,4	124,1	31 100	31 100									32,0
34,0	69,9	123,3	30 800	30 800	71,2	123,8	30 600	30 600					34,0
36,0	68,3	122,6	30 400	30 400	69,6	123,0	30 400	30 400					36,0
38,0	66,7	121,7	30 100	30 100	68,1	122,2	30 100	30 100					38,0
40,0	65,1	120,8	29 800	29 800	66,5	121,4	29 800	29 800	68,5	122,0	29 200	29 200	40,0
42,0	63,5	119,8	29 400	29 400	64,8	120,4	29 500	29 500	66,9	121,2	29 100	29 100	42,0
44,0	61,8	118,7	29 100	29 100	63,2	119,4	29 200	29 200	65,2	120,3	28 900	28 900	44,0
46,0	60,1	117,6	28 700	28 700	61,5	118,4	28 900	28 900	63,6	119,3	28 700	28 700	46,0
48,0	58,4	116,4	28 100	28 100	59,8	117,2	28 600	28 600	61,9	118,2	28 500	28 500	48,0
50,0	56,6	115,1	27 000	27 000	58,1	116,0	28 300	28 300	60,3	117,1	28 200	28 200	50,0
52,0	54,8	113,7	25 900	25 900	56,3	114,6	27 300	27 300	58,5	115,9	28 000	28 000	52,0
54,0	53,0	112,2	24 800	24 800	54,5	113,2	26 200	26 200	56,8	114,6	27 700	27 700	54,0
56,0	51,1	110,6	23 700	23 700	52,7	111,7	25 100	25 100	55,0	113,2	26 900	26 900	56,0
58,0	49,2	108,9	22 600	22 600	50,8	110,1	24 000	24 000	53,2	111,7	25 800	25 800	58,0
60,0	47,2	107,0	21 400	21 400	48,9	108,4	22 800	22 800	51,3	110,1	24 700	24 700	60,0
62,0	45,1	105,1	20 300	20 300	46,9	106,5	21 700	21 700	49,4	108,4	23 600	23 600	62,0
64,0	43,0	103,0	19 200	19 200	44,8	104,6	20 500	20 500	47,4	106,6	22 400	22 400	64,0
66,0	40,8	100,7	18 000	18 000	42,6	102,4	19 300	19 300	45,3	104,7	21 300	21 300	66,0
68,0	38,4	98,2	16 900	16 900	40,4	100,1	18 200	18 200	43,2	102,6	20 100	20 100	68,0
70,0	36,0	95,5	15 800	15 800	38,0	97,6	17 000	17 000	41,0	100,3	18 900	18 900	70,0
72,0	33,3	92,6	14 700	14 700	35,6	94,9	15 900	15 900	38,7	97,8	17 700	17 700	72,0
74,0	30,5	89,3	13 600	13 600	32,9	91,9	14 800	14 800	36,2	95,2	16 600	16 600	74,0
76,0	27,4	85,6	12 600	12 600	30,0	88,5	13 700	13 700	33,6	92,2	15 400	15 400	76,0
78,0	23,9	81,3	11 600	11 600	26,9	84,7	12 700	12 700	30,8	89,0	14 300	14 300	78,0
80,0	19,9	76,1	10 700	10 700	23,3	80,3	11 700	11 700	27,7	85,3	13 300	13 300	80,0
82,0	14,8	69,5	9 800	9 800	19,2	75,0	10 700	10 700	24,3	81,1	12 200	12 200	82,0
84,0					13,8	68,0	9 900	9 900	20,3	76,1	11 300	11 300	84,0
86,0									15,3	69,6	10 300	10 300	86,0
88,0									7,5	59,1	9 600	9 600	88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0

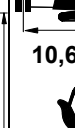
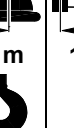
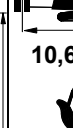
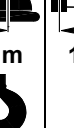
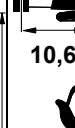
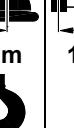
MLC300 VPC-MAX S-1

ASME B30.5



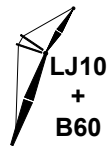
135 100 kg



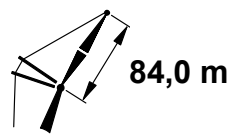
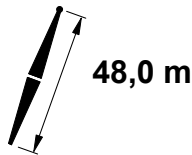
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0																		29,0
30,0																		30,0
32,0																		32,0
34,0																		34,0
36,0																		36,0
38,0																		38,0
40,0																		40,0
42,0																		42,0
44,0																		44,0
46,0																		46,0
48,0																		48,0
50,0																		50,0
52,0	62,0		117,3	26 800	26 800													52,0
54,0	60,4		116,2	26 500	26 700													54,0
56,0	58,6		115,0	25 300	26 700													56,0
58,0	56,9		113,7	23 900	26 600													58,0
60,0	55,1		112,3	22 700	26 500													60,0
62,0	53,3		110,8	21 500	26 000	56,9	112,4	19 000	24 700									62,0
64,0	51,4		109,3	20 400	25 100	55,1	111,0	17 900	24 800									64,0
66,0	49,5		107,6	19 300	24 000	53,3	109,5	17 000	24 800									66,0
68,0	47,5		105,8	18 400	22 900	51,4	107,9	16 100	24 400									68,0
70,0	45,4		103,8	17 400	21 800	49,5	106,3	15 200	23 500									70,0
72,0	43,3		101,7	16 600	20 700	47,5	104,4	14 400	22 500	51,3	106,2	12 300	20 900					72,0
74,0	41,1		99,5	15 800	19 500	45,5	102,5	13 700	21 600	49,4	104,5	11 600	20 000					74,0
76,0	38,8		97,0	15 000	18 300	43,3	100,4	12 900	20 700	47,4	102,7	11 000	19 200					76,0
78,0	36,3		94,4	14 200	17 100	41,1	98,2	12 300	19 800	45,3	100,7	10 300	18 400					78,0
80,0	33,7		91,4	13 500	16 000	38,8	95,7	11 600	18 600	43,2	98,6	9 700	17 700					80,0
82,0	31,0		88,2	12 800	14 900	36,4	93,1	11 000	17 500	41,0	96,4	9 100	17 000					82,0
84,0	27,9		84,6	12 200	13 800	33,8	90,1	10 400	16 300	38,7	93,9	8 600	16 300					84,0
86,0	24,5		80,4	11 600	12 700	31,0	86,9	9 800	15 200	36,2	91,2	8 100	15 600					86,0
88,0	20,6		75,4	11 000	11 700	27,9	83,3	9 300	14 100	33,6	88,3	7 600	15 000					88,0
90,0	15,7		69,1	10 400	10 800	24,5	79,1	8 700	13 100	30,8	85,1	7 100	14 400					90,0
92,0						20,6	74,1	8 200	12 100	27,7	81,4	6 600	13 900					92,0
94,0						15,7	67,8	7 700	11 100	24,3	77,2	6 200	13 200					94,0
96,0						8,2	57,8	7 200	10 300	20,3	72,2	5 700	12 300					96,0
98,0																		98,0

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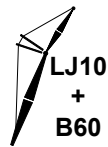
135 100 kg



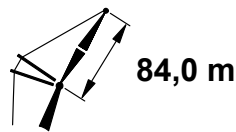
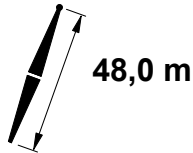
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,9	130,9	26 400	26 400									30,5
32,0	72,8	130,4	26 100	26 100									32,0
34,0	71,4	129,7	25 800	25 800									34,0
36,0	69,9	129,0	25 500	25 500	71,2	129,4	25 400	25 400					36,0
38,0	68,5	128,2	25 100	25 100	69,7	128,7	25 100	25 100					38,0
40,0	67,0	127,4	24 800	24 800	68,2	127,9	24 800	24 800					40,0
42,0	65,5	126,5	24 500	24 500	66,7	127,0	24 500	24 500					42,0
44,0	64,0	125,5	24 100	24 100	65,2	126,1	24 200	24 200	67,1	126,9	24 000	24 000	44,0
46,0	62,4	124,5	23 800	23 800	63,7	125,2	23 900	23 900	65,6	126,0	23 800	23 800	46,0
48,0	60,9	123,4	23 500	23 500	62,2	124,1	23 600	23 600	64,1	125,0	23 500	23 500	48,0
50,0	59,3	122,2	23 200	23 200	60,6	123,0	23 300	23 300	62,6	124,0	23 300	23 300	50,0
52,0	57,7	120,9	22 900	22 900	59,0	121,8	23 100	23 100	61,0	122,9	23 000	23 000	52,0
54,0	56,0	119,6	22 600	22 600	57,4	120,5	22 800	22 800	59,4	121,7	22 800	22 800	54,0
56,0	54,4	118,2	22 300	22 300	55,8	119,2	22 500	22 500	57,8	120,5	22 600	22 600	56,0
58,0	52,7	116,7	22 000	22 000	54,1	117,7	22 200	22 200	56,2	119,1	22 300	22 300	58,0
60,0	50,9	115,1	21 700	21 700	52,4	116,2	22 000	22 000	54,5	117,7	22 100	22 100	60,0
62,0	49,1	113,4	21 300	21 300	50,6	114,6	21 700	21 700	52,8	116,2	21 900	21 900	62,0
64,0	47,3	111,5	20 900	20 900	48,8	112,9	21 400	21 400	51,1	114,6	21 600	21 600	64,0
66,0	45,4	109,6	20 500	20 500	47,0	111,0	21 000	21 000	49,3	112,9	21 200	21 400	66,0
68,0	43,4	107,5	20 200	20 200	45,1	109,1	20 600	20 600	47,4	111,1	20 200	21 200	68,0
70,0	41,3	105,3	19 900	19 900	43,1	106,9	20 200	20 200	45,5	109,2	19 200	20 800	70,0
72,0	39,2	102,8	19 100	19 100	41,0	104,7	19 600	19 900	43,6	107,1	18 200	20 500	72,0
74,0	37,0	100,2	18 000	18 000	38,9	102,2	18 700	19 100	41,5	104,9	17 400	20 100	74,0
76,0	34,6	97,4	17 000	17 000	36,6	99,6	17 800	18 000	39,4	102,5	16 500	19 600	76,0
78,0	32,1	94,3	15 900	15 900	34,2	96,7	16 900	17 000	37,2	99,9	15 700	18 500	78,0
80,0	29,4	90,8	14 900	14 900	31,7	93,6	15 900	15 900	34,8	97,1	15 000	17 400	80,0
82,0	26,4	87,0	14 000	14 000	28,9	90,1	14 900	14 900	32,3	94,0	14 300	16 400	82,0
84,0	23,1	82,5	13 100	13 100	25,9	86,1	14 000	14 000	29,6	90,6	13 600	15 400	84,0
86,0	19,2	77,2	12 200	12 200	22,5	81,5	13 100	13 100	26,7	86,7	12 900	14 400	86,0
88,0	14,2	70,2	11 200	11 200	18,5	76,0	12 200	12 200	23,4	82,3	12 300	13 500	88,0
90,0					13,3	68,7	11 300	11 300	19,5	77,1	11 700	12 600	90,0
92,0									14,8	70,4	11 100	11 700	92,0
94,0									7,2	59,5	9 900	10 000	94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0

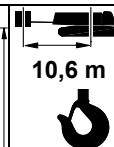
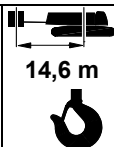
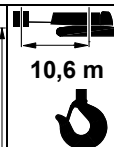
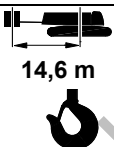
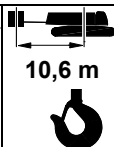
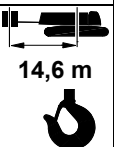
MLC300 VPC-MAX S-1

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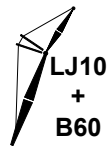
135 100 kg



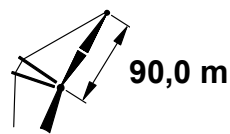
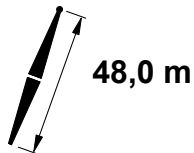
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0	62,7	123,1	22 000	22 000										54,0
56,0	61,1	122,0	21 900	21 900										56,0
58,0	59,5	120,8	21 800	21 800										58,0
60,0	57,9	119,6	21 600	21 600										60,0
62,0	56,3	118,2	20 900	21 500										62,0
64,0	54,6	116,8	19 800	21 300	57,9	118,2	17 300	20 100						64,0
66,0	52,9	115,3	18 800	21 200	56,3	116,9	16 400	20 100						66,0
68,0	51,2	113,7	17 800	21 000	54,6	115,5	15 500	20 100						68,0
70,0	49,4	112,0	16 900	20 900	52,9	114,0	14 600	20 100						70,0
72,0	47,6	110,2	16 000	20 800	51,2	112,4	13 800	20 000						72,0
74,0	45,7	108,3	15 200	20 600	49,4	110,7	13 100	20 000	52,8	112,3	11 000	18 500		74,0
76,0	43,7	106,2	14 400	20 500	47,6	108,9	12 300	19 900	51,1	110,7	10 300	18 600		76,0
78,0	41,7	104,0	13 700	20 200	45,7	107,0	11 700	19 500	49,3	109,0	9 700	17 900		78,0
80,0	39,5	101,6	13 000	19 800	43,7	104,9	11 000	18 700	47,5	107,2	9 100	17 200		80,0
82,0	37,3	99,1	12 300	18 900	41,7	102,7	10 400	17 900	45,6	105,2	8 500	16 500		82,0
84,0	35,0	96,3	11 700	17 800	39,6	100,3	9 800	17 200	43,6	103,1	8 000	15 800		84,0
86,0	32,5	93,2	11 100	16 800	37,3	97,8	9 300	16 600	41,6	100,9	7 500	15 200		86,0
88,0	29,8	89,8	10 500	15 700	35,0	95,0	8 700	15 900	39,4	98,5	7 000	14 600		88,0
90,0	26,9	86,0	9 900	14 700	32,5	91,9	8 200	15 300	37,2	95,9	6 500	14 000		90,0
92,0	23,6	81,6	9 400	13 800	29,8	88,5	7 700	14 700	34,8	93,1	6 100	13 500		92,0
94,0	19,8	76,5	8 900	12 900	26,9	84,7	7 200	14 200	32,3	90,1	5 600	12 900		94,0
96,0	15,1	69,9	8 300	12 000	23,6	80,4	6 800	13 600	29,6	86,6	5 200	12 400		96,0
98,0					19,8	75,2	6 300	13 000	26,7	82,8	4 800	11 900		98,0
100,0					15,1	68,6	5 900	12 200	23,4	78,4		11 500		100,0
102,0					7,9	58,3	5 400	11 400	19,6	73,2		11 000		102,0
104,0									14,8	66,5		10 500		104,0

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ASME B30.5



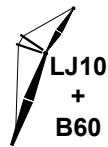
135 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	74,0	136,7	22 100	22 100									32,0
34,0	72,7	136,1	21 800	21 800									34,0
36,0	71,3	135,4	21 500	21 500									36,0
38,0	70,0	134,7	21 200	21 200									38,0
40,0	68,6	133,9	20 800	20 800	69,8	134,4	20 900	20 900					40,0
42,0	67,2	133,1	20 500	20 500	68,4	133,6	20 600	20 600					42,0
44,0	65,8	132,2	20 200	20 200	67,0	132,7	20 300	20 300					44,0
46,0	64,4	131,2	19 900	19 900	65,6	131,8	20 000	20 000	67,4	132,5	19 900	19 900	46,0
48,0	63,0	130,2	19 600	19 600	64,2	130,9	19 700	19 700	66,0	131,7	19 600	19 600	48,0
50,0	61,6	129,1	19 300	19 300	62,8	129,8	19 400	19 400	64,6	130,7	19 400	19 400	50,0
52,0	60,1	128,0	19 000	19 000	61,3	128,8	19 100	19 100	63,1	129,7	19 200	19 200	52,0
54,0	58,6	126,8	18 700	18 700	59,8	127,6	18 900	18 900	61,7	128,6	18 900	18 900	54,0
56,0	57,1	125,5	18 400	18 400	58,4	126,4	18 600	18 600	60,2	127,5	18 700	18 700	56,0
58,0	55,5	124,1	18 200	18 200	56,8	125,1	18 300	18 300	58,7	126,3	18 400	18 400	58,0
60,0	54,0	122,7	17 900	17 900	55,3	123,7	18 100	18 100	57,2	125,0	18 200	18 200	60,0
62,0	52,4	121,2	17 700	17 700	53,7	122,3	18 600	18 600	55,7	123,7	18 000	18 000	62,0
64,0	50,7	119,5	17 500	17 500	52,1	120,7	17 600	17 600	54,1	122,2	17 800	17 800	64,0
66,0	49,1	117,8	17 200	17 200	50,5	119,1	17 400	17 400	52,5	120,7	17 500	17 500	66,0
68,0	47,3	116,0	17 000	17 000	48,8	117,3	17 200	17 200	50,9	119,1	17 300	17 300	68,0
70,0	45,6	114,1	16 800	16 800	47,1	115,5	17 000	17 000	49,2	117,4	17 100	17 100	70,0
72,0	43,7	112,0	16 700	16 700	45,3	113,5	16 900	16 900	47,5	115,6	17 000	17 000	72,0
74,0	41,8	109,8	16 500	16 500	43,4	111,5	16 800	16 800	45,7	113,6	16 600	16 600	74,0
76,0	39,9	107,4	16 300	16 300	41,5	109,2	16 500	16 500	43,9	111,6	15 800	16 600	76,0
78,0	37,8	104,9	16 000	16 000	39,5	106,9	16 300	16 300	42,0	109,4	15 100	16 500	78,0
80,0	35,7	102,2	15 300	15 300	37,5	104,3	15 600	16 000	40,1	107,1	14 300	16 300	80,0
82,0	33,4	99,2	14 500	14 500	35,3	101,5	14 800	15 200	38,0	104,5	13 600	16 200	82,0
84,0	31,0	96,0	13 700	13 700	33,0	98,5	14 100	14 400	35,9	101,8	12 900	15 500	84,0
86,0	28,3	92,4	12 800	12 800	30,5	95,2	13 400	13 700	33,6	98,9	12 300	14 700	86,0
88,0	25,5	88,3	11 800	11 800	27,9	91,6	12 800	13 000	31,2	95,7	11 600	13 900	88,0
90,0	22,2	83,7	10 800	10 800	25,0	87,4	12 100	12 100	28,6	92,1	11 000	13 200	90,0
92,0	18,5	78,1	9 700	9 700	21,7	82,7	11 000	11 000	25,7	88,1	10 500	12 500	92,0
94,0	13,7	71,0	8 800	8 800	17,8	76,9	10 000	10 000	22,6	83,5	9 900	11 700	94,0
96,0	5,8	58,7	6 600	6 600	12,8	69,3	9 000	9 000	18,9	78,1	9 400	10 800	96,0
98,0									14,3	71,1	8 800	9 800	98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0

MLC300 VPC-MAX S-1

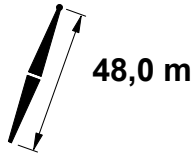
ASME B30.5



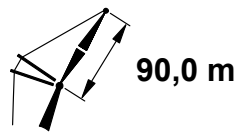
135 100 kg



360°



48,0 m

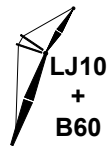


90,0 m

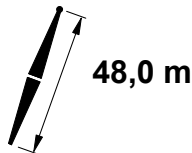
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	61,8	127,7	18 000	18 000									58,0
60,0	60,3	126,6	17 800	17 800									60,0
62,0	58,8	125,4	17 700	17 700									62,0
64,0	57,3	124,1	17 500	17 500									64,0
66,0	55,8	122,8	17 400	17 400									66,0
68,0	54,2	121,3	17 000	17 200	57,3	122,8	14 700	16 400					68,0
70,0	52,6	119,8	16 100	17 000	55,8	121,5	13 800	16 400					70,0
72,0	51,0	118,2	15 300	16 900	54,2	120,0	13 000	16 300					72,0
74,0	49,3	116,5	14 500	16 700	52,6	118,5	12 300	16 200					74,0
76,0	47,6	114,7	13 700	16 600	51,0	116,9	11 600	16 100					76,0
78,0	45,8	112,8	13 000	16 400	49,3	115,2	10 900	16 000	52,5	116,8	8 900	15 000	78,0
80,0	44,0	110,7	12 300	16 300	47,6	113,4	10 300	16 000	50,9	115,1	8 300	15 100	80,0
82,0	42,1	108,6	11 600	16 200	45,8	111,5	9 600	15 900	49,2	113,4	7 700	15 100	82,0
84,0	40,2	106,2	11 000	16 000	44,0	109,4	9 100	15 800	47,5	111,6	7 200	15 000	84,0
86,0	38,1	103,7	10 400	15 900	42,1	107,3	8 500	15 700	45,7	109,7	6 700	14 600	86,0
88,0	36,0	101,0	9 800	15 600	40,2	104,9	8 000	15 400	43,9	107,7	6 200	14 000	88,0
90,0	33,7	98,1	9 200	14 800	38,1	102,4	7 500	14 800	42,0	105,5	5 700	13 500	90,0
92,0	31,3	94,9	8 700	14 000	36,0	99,7	7 000	14 200	40,1	103,1	5 300	12 900	92,0
94,0	28,7	91,4	8 200	13 300	33,8	96,8	6 500	13 600	38,0	100,6	4 900	12 400	94,0
96,0	25,9	87,4	7 700	12 600	31,3	93,6	6 100	13 100	35,9	97,9		11 900	96,0
98,0	22,8	82,9	7 200	11 900	28,8	90,1	5 600	12 600	33,6	95,0		11 400	98,0
100,0	19,1	77,5	6 800	11 100	25,9	86,1	5 200	12 100	31,2	91,7		10 900	100,0
102,0	14,6	70,6	6 300	10 300	22,8	81,6	4 800	11 600	28,6	88,2		10 500	102,0
104,0					19,1	76,2		11 100	25,8	84,2		10 000	104,0
106,0					14,6	69,4		10 500	22,6	79,6		9 600	106,0
108,0					7,7	58,7		9 700	18,9	74,2		9 200	108,0
110,0									14,3	67,2		8 800	110,0

MLC300 VPC-MAX S-1

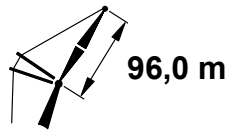
ASME B30.5



135 100 kg



48,0 m

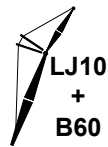


96,0 m

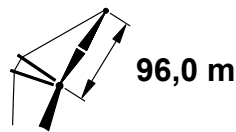
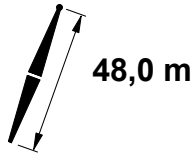
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	73,1	142,0	18 300	18 300									35,1
36,0	72,5	141,7	18 100	18 100									36,0
38,0	71,3	141,1	17 800	17 800									38,0
40,0	70,0	140,3	17 500	17 500	71,1	140,7	17 500	17 500					40,0
42,0	68,7	139,6	17 200	17 200	69,8	140,0	17 300	17 300					42,0
44,0	67,4	138,7	16 900	16 900	68,5	139,2	17 000	17 000					44,0
46,0	66,1	137,9	16 600	16 600	67,2	138,4	16 700	16 700					46,0
48,0	64,8	136,9	16 300	16 300	65,9	137,5	16 400	16 400	67,6	138,2	16 400	16 400	48,0
50,0	63,5	135,9	16 000	16 000	64,6	136,6	16 100	16 100	66,3	137,3	16 100	16 100	50,0
52,0	62,1	134,9	15 700	15 700	63,3	135,6	15 800	15 800	64,9	136,4	15 900	15 900	52,0
54,0	60,8	133,8	15 400	15 400	61,9	134,5	15 600	15 600	63,6	135,4	15 600	15 600	54,0
56,0	59,4	132,6	15 100	15 100	60,6	133,4	15 300	15 300	62,3	134,4	15 400	15 400	56,0
58,0	58,0	131,4	14 900	14 900	59,2	132,2	15 100	15 100	60,9	133,3	15 200	15 200	58,0
60,0	56,6	130,0	14 600	14 600	57,8	131,0	14 800	14 800	59,5	132,1	14 900	14 900	60,0
62,0	55,1	128,7	14 400	14 400	56,3	129,6	14 600	14 600	58,1	130,9	14 700	14 700	62,0
64,0	53,6	127,2	14 200	14 200	54,9	128,2	14 300	14 300	56,7	129,6	14 500	14 500	64,0
66,0	52,1	125,7	14 000	14 000	53,4	126,8	14 100	14 100	55,2	128,2	14 200	14 200	66,0
68,0	50,6	124,0	13 800	13 800	51,9	125,2	13 900	13 900	53,8	126,7	14 000	14 000	68,0
70,0	49,0	122,3	13 600	13 600	50,3	123,6	13 700	13 700	52,3	125,2	13 800	13 800	70,0
72,0	47,4	120,5	13 400	13 400	48,7	121,8	13 500	13 500	50,7	123,6	13 600	13 600	72,0
74,0	45,7	118,6	13 200	13 200	47,1	120,0	13 300	13 300	49,2	121,9	13 400	13 400	74,0
76,0	44,0	116,5	13 000	13 000	45,5	118,0	13 100	13 100	47,5	120,1	13 300	13 300	76,0
78,0	42,3	114,3	12 900	12 900	43,7	116,0	13 000	13 000	45,9	118,1	13 100	13 100	78,0
80,0	40,4	112,0	12 700	12 700	42,0	113,8	12 800	12 800	44,2	116,1	12 900	12 900	80,0
82,0	38,5	109,6	12 600	12 600	40,1	111,4	12 700	12 700	42,4	113,9	12 800	12 800	82,0
84,0	36,6	106,9	12 400	12 400	38,2	108,9	12 500	12 500	40,6	111,6	12 300	12 600	84,0
86,0	34,5	104,0	12 200	12 200	36,2	106,3	12 400	12 400	38,7	109,2	11 700	12 500	86,0
88,0	32,3	101,0	11 100	11 100	34,1	103,4	12 200	12 300	36,7	106,6	11 100	12 400	88,0
90,0	29,9	97,6	9 700	9 700	31,9	100,2	11 600	11 700	34,7	103,7	10 500	12 300	90,0
92,0	27,4	93,8	8 300	8 300	29,5	96,8	10 100	10 100	32,5	100,6	9 900	12 000	92,0
94,0	24,6	89,6	7 000	7 000	27,0	93,0	8 600	8 600	30,2	97,3	9 400	11 300	94,0
96,0	21,5	84,8	5 700	5 700	24,2	88,7	7 100	7 100	27,6	93,6	8 800	9 800	96,0
98,0					21,0	83,8	5 800	5 800	24,9	89,4	8 100	8 100	98,0
100,0									21,8	84,7	6 600	6 600	100,0
102,0									18,3	79,1	5 300	5 300	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0

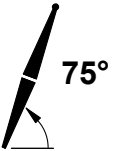
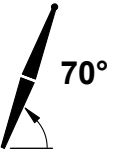
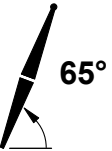
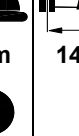
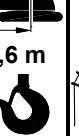
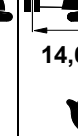
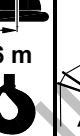
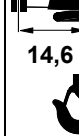
MLC300 VPC-MAX S-1

ASME B30.5



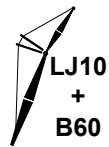
135 100 kg



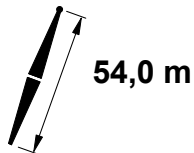
	 75°				 70°				 65°							
																
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg			m
35,1																35,1
36,0																36,0
38,0																38,0
40,0																40,0
42,0																42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0
56,0																56,0
58,0	63,7		134,5	14 800	14 800											58,0
60,0	62,3		133,5	14 700	14 700											60,0
62,0	61,0		132,4	14 500	14 500											62,0
64,0	59,6		131,2	14 300	14 300											64,0
66,0	58,2		130,0	14 200	14 200											66,0
68,0	56,8		128,7	14 000	14 000											68,0
70,0	55,3		127,3	13 800	13 800											70,0
72,0	53,9		125,9	13 600	13 600	56,8	127,4	12 400	13 200							72,0
74,0	52,3		124,3	13 500	13 500	55,3	126,0	11 600	13 100							74,0
76,0	50,8		122,7	13 000	13 300	53,9	124,5	10 900	13 000							76,0
78,0	49,2		121,0	12 300	13 200	52,4	123,0	10 200	12 900							78,0
80,0	47,6		119,2	11 600	13 000	50,8	121,4	9 600	12 800							80,0
82,0	46,0		117,3	11 000	12 900	49,3	119,7	9 000	12 700	52,3	121,3	7 100	12 100			82,0
84,0	44,3		115,3	10 400	12 700	47,6	117,9	8 400	12 600	50,7	119,6	6 500	12 000			84,0
86,0	42,5		113,1	9 800	12 600	46,0	116,0	7 900	12 500	49,2	117,9	6 000	12 000			86,0
88,0	40,7		110,8	9 200	12 500	44,3	113,9	7 400	12 400	47,6	116,1	5 600	12 000			88,0
90,0	38,8		108,4	8 600	12 400	42,5	111,8	6 800	12 300	45,9	114,2	5 100	11 900			90,0
92,0	36,9		105,7	8 100	12 300	40,7	109,5	6 400	12 200	44,2	112,2		11 900			92,0
94,0	34,8		102,9	7 600	12 200	38,8	107,1	5 900	12 100	42,4	110,0		11 800			94,0
96,0	32,6		99,9	7 100	12 100	36,9	104,4	5 500	12 000	40,6	107,7		11 400			96,0
98,0	30,3		96,5	6 700	11 400	34,8	101,6	5 000	11 900	38,7	105,2		10 900			98,0
100,0	27,8		92,8	6 200	10 800	32,6	98,6	4 600	11 700	36,8	102,6		10 500			100,0
102,0	25,1		88,7	5 800	9 300	30,3	95,2		11 200	34,7	99,8		10 000			102,0
104,0	22,0		84,0	5 400	7 600	27,8	91,6		10 700	32,5	96,7		9 600			104,0
106,0	18,5		78,5	5 000	6 000	25,1	87,4		10 000	30,2	93,4		9 200			106,0
108,0	14,1		71,4	4 600	4 700	22,0	82,7		8 400	27,7	89,7		8 800			108,0
110,0						18,5	77,2		6 700	24,9	85,5		8 400			110,0
112,0						14,1	70,1		5 300	21,9	80,8		8 000			112,0
114,0										18,3	75,2		7 200			114,0
116,0										13,8	68,0		5 800			116,0

MLC300 VPC-MAX S-1

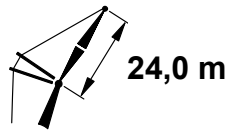
ASME B30.5



135 100 kg



54,0 m

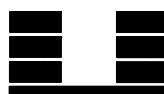
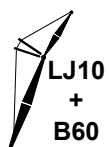


24,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2	71,7	78,9	132 100 d	132 100 d									15,2
16,0	69,8	78,6	126 500 d	126 500 d									16,0
18,0	64,5	77,7	111 200 b	111 200 b									18,0
20,0	59,0	76,5	98 500 b	98 500 b	64,2	77,4	117 400 b	120 600 b					20,0
22,0	53,0	75,0	88 700	88 700	58,6	76,2	104 100 b	106 200 b	66,4	77,3	100 600 c	125 700 c	22,0
24,0	46,6	73,2	80 800	80 800	52,7	74,7	93 300	95 000	60,9	76,3	90 100 b	112 800 b	24,0
26,0	39,3	70,9	74 500	74 500	46,2	72,9	84 400	86 200	55,2	74,9	81 500	102 100	26,0
28,0	30,5	67,8	69 800	69 800	38,9	70,5	77 000	79 400	48,9	73,2	74 400	93 300	28,0
30,0	17,7	62,9	66 800	66 800	29,9	67,4	70 600	74 000	42,0	71,1	68 300	85 800	30,0
32,0					16,7	62,2	65 000	70 300	33,8	68,4	62 900	79 200	32,0
34,0									23,1	64,3	58 300	73 500	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

MLC300 VPC-MAX S-1

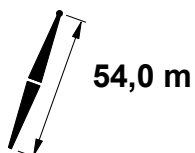
ASME B30.5



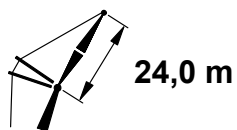
135 100 kg



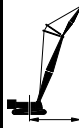
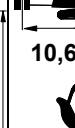
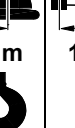
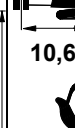
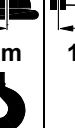
360°



54,0 m

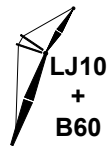


24,0 m

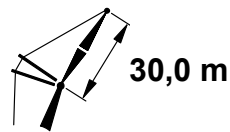
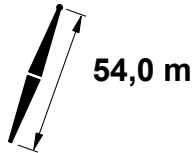
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,0	74,3	64 200	81 700									30,0
32,0	51,0	72,7	59 200	75 500									32,0
34,0	44,3	70,8	55 000	70 200									34,0
36,0	36,6	68,2	51 100	65 400	52,6	71,7	48 000	62 200					36,0
38,0	26,9	64,7	47 700	61 100	46,1	69,8	44 800	58 200					38,0
40,0					38,7	67,5	41 900	54 700					40,0
42,0					29,7	64,3	39 400	51 400	47,3	68,3	36 800	48 900	42,0
44,0					16,3	59,1	37 000	48 400	40,1	66,1	34 600	46 100	44,0
46,0									31,5	63,1	32 600	43 600	46,0
48,0									19,5	58,5	30 700	41 200	48,0

MLC300 VPC-MAX S-1

ASME B30.5



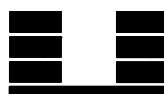
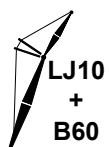
135 100 kg



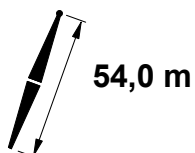
	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
16,8	72,4	84,7	112 000 c	112 000 c									16,8
18,0	69,9	84,3	110 600 b	110 600 b									18,0
20,0	65,7	83,4	99 000 b	99 000 b	69,7	84,0	110 900 b	111 200 b					20,0
22,0	61,4	82,3	88 600	88 600	65,5	83,1	103 700 b	107 200 b					22,0
24,0	56,9	81,0	80 300	80 300	61,2	82,0	92 900	96 900					24,0
26,0	52,1	79,5	73 500	73 500	56,6	80,7	84 000	87 100	63,0	82,0	81 000	101 600	26,0
28,0	46,9	77,7	68 000	68 000	51,8	79,2	76 700	79 500	58,5	80,8	73 900	92 900	28,0
30,0	41,3	75,5	63 400	63 400	46,6	77,4	70 400	73 300	53,8	79,4	67 900	85 400	30,0
32,0	34,8	72,8	59 700	59 700	40,9	75,2	64 900	68 000	48,8	77,7	62 600	78 900	32,0
34,0	27,0	69,2	56 900	56 900	34,4	72,4	60 200	63 900	43,3	75,7	58 100	73 300	34,0
36,0	15,7	63,7	53 600	53 600	26,5	68,8	56 100	60 700	37,2	73,2	54 100	68 300	36,0
38,0					14,8	63,0	52 300	57 700	30,0	70,0	50 500	63 900	38,0
40,0									20,4	65,4	47 300	60 000	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

MLC300 VPC-MAX S-1

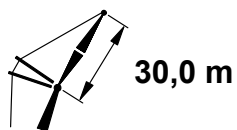
ASME B30.5



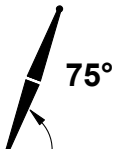
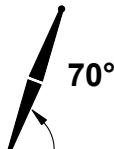
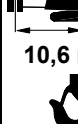
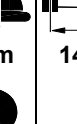
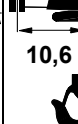
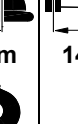
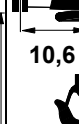
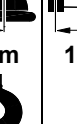
135 100 kg



54,0 m

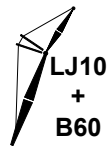


30,0 m

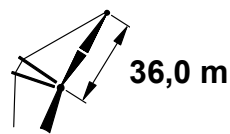
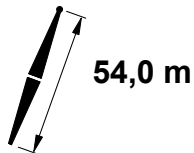
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
16,8														16,8
18,0														18,0
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
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

MLC300 VPC-MAX S-1

ASME B30.5



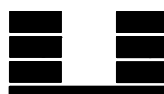
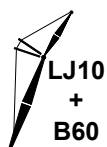
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	72,9	90,5	95 800 b	95 800 b									18,3
20,0	70,0	89,9	91 200 b	91 200 b									20,0
22,0	66,6	89,1	86 100	86 100	69,8	89,7	91 500 b	91 500 b					22,0
24,0	63,0	88,1	80 300	80 300	66,4	88,8	86 500	86 500					24,0
26,0	59,3	86,9	73 500	73 500	62,8	87,8	81 600	81 600	67,8	88,7	80 600	88 800	26,0
28,0	55,5	85,6	67 700	67 700	59,1	86,6	76 400	77 000	64,3	87,8	73 600	84 100	28,0
30,0	51,4	84,0	62 800	62 800	55,3	85,3	70 100	72 600	60,6	86,7	67 500	79 600	30,0
32,0	47,2	82,2	58 600	58 600	51,2	83,7	64 700	68 300	56,8	85,4	62 300	75 200	32,0
34,0	42,5	80,1	55 100	55 100	46,9	81,9	60 100	63 600	52,9	83,9	57 800	71 100	34,0
36,0	37,4	77,6	52 200	52 200	42,3	79,7	55 900	59 600	48,7	82,2	53 800	67 100	36,0
38,0	31,6	74,5	49 800	49 800	37,1	77,2	52 200	56 300	44,2	80,2	50 300	63 300	38,0
40,0	24,5	70,5	48 000	48 000	31,2	74,1	49 000	53 500	39,3	77,8	47 100	59 600	40,0
42,0	14,2	64,4	44 000	44 000	24,1	70,1	46 000	51 200	33,8	75,0	44 300	56 100	42,0
44,0					13,4	63,7	43 300	46 200	27,2	71,4	41 700	53 000	44,0
46,0									18,5	66,3	39 400	49 700	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

MLC300 VPC-MAX S-1

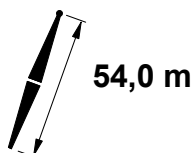
ASME B30.5



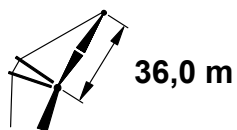
135 100 kg



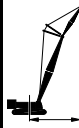
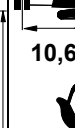
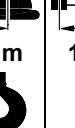
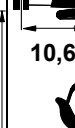
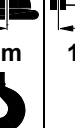
360°



54,0 m

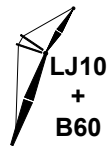


36,0 m

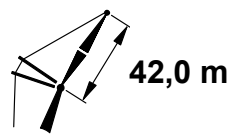
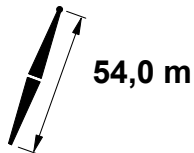
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	61,8	85,9	54 100	69 300									34,0
36,0	58,1	84,7	50 300	64 600									36,0
38,0	54,2	83,3	47 000	60 400									38,0
40,0	50,0	81,7	44 100	56 800									40,0
42,0	45,7	79,8	41 400	53 500	55,2	82,2	38 500	50 600					42,0
44,0	40,9	77,5	39 000	50 500	51,1	80,6	36 300	47 700					44,0
46,0	35,6	74,9	36 800	47 700	46,8	78,8	34 200	45 200					46,0
48,0	29,4	71,6	34 800	45 300	42,2	76,7	32 400	42 800	51,9	79,1	29 600	40 400	48,0
50,0	21,6	67,1	33 000	42 900	37,0	74,1	30 700	40 700	47,6	77,3	27 900	38 400	50,0
52,0					31,1	71,0	29 100	38 700	43,0	75,2	26 500	36 500	52,0
54,0					23,9	66,9	27 600	36 800	38,0	72,8	25 100	34 700	54,0
56,0					13,0	60,4	26 200	35 000	32,3	69,8	23 800	33 100	56,0
58,0									25,4	65,9	22 600	31 600	58,0
60,0									15,7	60,2	21 300	30 100	60,0

MLC300 VPC-MAX S-1

ASME B30.5



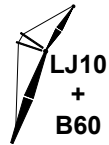
135 100 kg



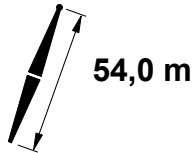
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,3	96,3	82 000	82 000									19,8
20,0	73,0	96,3	81 600	81 600									20,0
22,0	70,1	95,6	77 600	77 600									22,0
24,0	67,1	94,8	73 700	73 700	69,9	95,3	77 800	77 800					24,0
26,0	64,1	93,8	69 800	69 800	67,0	94,5	74 000	74 000					26,0
28,0	61,0	92,7	65 700	65 700	63,9	93,5	70 200	70 200					28,0
30,0	57,8	91,5	61 700	61 700	60,8	92,4	66 100	66 100	65,2	93,5	67 000	72 200	30,0
32,0	54,5	90,1	57 900	57 900	57,6	91,2	62 000	62 000	62,1	92,4	61 800	68 300	32,0
34,0	51,0	88,5	54 400	54 400	54,3	89,8	58 200	58 200	58,9	91,2	57 300	64 200	34,0
36,0	47,3	86,7	51 200	51 200	50,8	88,2	54 700	54 700	55,7	89,9	53 300	60 300	36,0
38,0	43,4	84,6	48 200	48 200	47,1	86,3	51 500	51 500	52,2	88,4	49 800	56 700	38,0
40,0	39,2	82,2	45 400	45 400	43,2	84,3	48 400	48 400	48,6	86,7	46 700	53 300	40,0
42,0	34,5	79,5	42 800	42 800	38,9	81,9	45 600	45 600	44,8	84,7	43 900	50 100	42,0
44,0	29,1	76,1	40 400	40 400	34,2	79,1	43 000	43 000	40,7	82,4	41 400	47 200	44,0
46,0	22,6	71,7	38 200	38 200	28,8	75,6	40 500	40 500	36,2	79,8	39 100	44 400	46,0
48,0	13,1	65,0	35 200	35 200	22,2	71,2	38 300	38 300	31,1	76,7	36 900	41 900	48,0
50,0					12,3	64,3	36 400	36 400	25,1	72,7	35 000	39 500	50,0
52,0									17,1	67,2	33 200	37 400	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

MLC300 VPC-MAX S-1

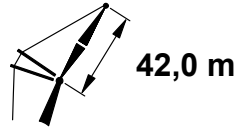
ASME B30.5



135 100 kg



54,0 m

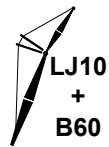


42,0 m

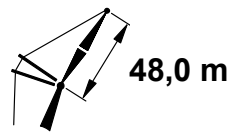
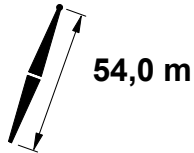
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	59,9	90,6	46 400	59 900									38,0
40,0	56,7	89,3	43 500	56 200									40,0
42,0	53,3	87,8	40 900	52 900									42,0
44,0	49,8	86,1	38 500	49 900									44,0
46,0	46,0	84,3	36 300	47 300	54,2	86,7	33 700	44 600					46,0
48,0	42,0	82,1	34 400	44 800	50,7	85,1	31 800	42 200					48,0
50,0	37,7	79,6	32 600	42 500	47,0	83,3	30 100	40 100					50,0
52,0	32,8	76,6	30 900	40 500	43,1	81,2	28 500	38 100	51,4	83,6	25 600	35 900	52,0
54,0	27,1	73,0	29 400	38 500	38,8	78,8	27 100	36 300	47,7	81,8	24 300	34 200	54,0
56,0	19,9	68,1	27 900	36 700	34,1	76,0	25 700	34 600	43,8	79,8	23 000	32 600	56,0
58,0					28,7	72,6	24 400	33 100	39,6	77,4	21 800	31 100	58,0
60,0					22,0	68,1	23 200	31 600	35,0	74,7	20 700	29 700	60,0
62,0					12,0	61,0	22 000	30 200	29,7	71,4	19 700	28 400	62,0
64,0									23,4	67,2	18 700	27 200	64,0
66,0									14,4	60,9	17 700	26 000	66,0

MLC300 VPC-MAX S-1

ASME B30.5



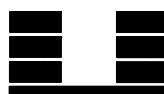
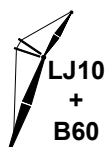
135 100 kg



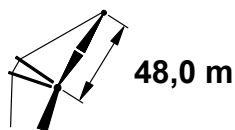
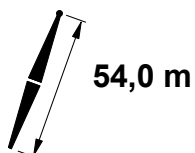
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,5	102,2	67 800	67 800									21,3
22,0	72,7	102,0	66 800	66 800									22,0
24,0	70,2	101,2	63 600	63 600									24,0
26,0	67,6	100,4	60 600	60 600	70,0	101,0	63 800	63 800					26,0
28,0	64,9	99,5	57 700	57 700	67,4	100,2	60 900	60 900					28,0
30,0	62,3	98,5	54 800	54 800	64,8	99,2	58 100	58 100					30,0
32,0	59,5	97,3	51 800	51 800	62,1	98,2	55 100	55 100	65,9	99,2	59 500	59 500	32,0
34,0	56,7	96,0	48 900	48 900	59,3	97,0	52 100	52 100	63,2	98,2	56 500	56 700	34,0
36,0	53,7	94,6	46 100	46 100	56,5	95,7	49 200	49 200	60,5	97,1	52 700	53 800	36,0
38,0	50,6	93,0	43 400	43 400	53,5	94,3	46 400	46 400	57,7	95,8	49 200	50 900	38,0
40,0	47,4	91,2	40 900	40 900	50,5	92,6	43 700	43 700	54,8	94,4	46 100	48 000	40,0
42,0	44,0	89,1	38 400	38 400	47,2	90,8	41 100	41 100	51,7	92,9	43 300	45 300	42,0
44,0	40,4	86,9	36 100	36 100	43,8	88,8	38 600	38 600	48,6	91,1	40 800	42 600	44,0
46,0	36,5	84,2	34 000	34 000	40,2	86,5	36 400	36 400	45,3	89,2	38 500	40 100	46,0
48,0	32,1	81,2	32 100	32 100	36,3	83,9	34 200	34 200	41,7	87,0	36 400	37 700	48,0
50,0	27,1	77,5	30 200	30 200	31,9	80,8	32 200	32 200	37,9	84,5	34 500	35 500	50,0
52,0	21,1	72,8	28 400	28 400	26,8	77,1	30 300	30 300	33,7	81,6	32 700	33 400	52,0
54,0	12,2	65,7	26 900	26 900	20,7	72,3	28 600	28 600	29,0	78,2	31 100	31 400	54,0
56,0					11,5	64,9	27 000	27 000	23,4	74,0	29 600	29 600	56,0
58,0									15,9	68,0	27 900	27 900	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0

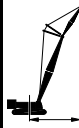
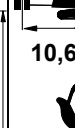
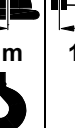
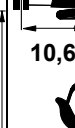
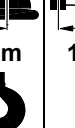
MLC300 VPC-MAX S-1

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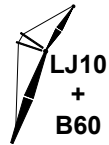
135 100 kg



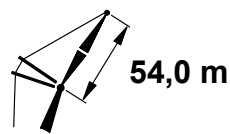
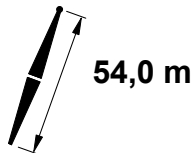
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,3	96,3	42 800	54 600									40,0
42,0	58,6	95,1	40 200	52 000									42,0
44,0	55,7	93,8	37 900	49 300									44,0
46,0	52,7	92,3	35 700	46 600									46,0
48,0	49,6	90,6	33 800	43 900	56,4	92,7	30 900	41 600					48,0
50,0	46,3	88,8	32 000	41 400	53,5	91,2	29 200	39 400					50,0
52,0	42,9	86,7	30 300	38 900	50,4	89,6	27 700	37 500					52,0
54,0	39,1	84,3	28 800	36 700	47,2	87,8	26 200	35 700					54,0
56,0	35,1	81,5	27 400	34 500	43,8	85,7	24 900	34 000	51,0	88,0	22 100	31 900	56,0
58,0	30,6	78,3	26 100	32 500	40,1	83,4	23 600	32 500	47,8	86,3	20 900	30 400	58,0
60,0	25,3	74,3	24 800	30 700	36,2	80,8	22 400	31 000	44,4	84,3	19 800	29 100	60,0
62,0	18,6	69,1	23 700	29 000	31,8	77,7	21 300	29 700	40,8	82,0	18 800	27 800	62,0
64,0	6,7	59,4	22 500	27 300	26,7	74,0	20 200	28 400	36,9	79,4	17 900	26 600	64,0
66,0					20,5	69,2	19 200	27 200	32,6	76,4	17 000	25 500	66,0
68,0					11,2	61,6	18 200	26 000	27,7	72,9	16 100	24 400	68,0
70,0									21,8	68,3	15 300	23 400	70,0

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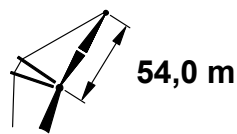
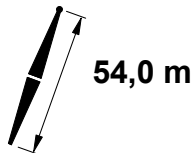
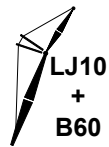
135 100 kg

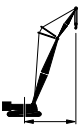
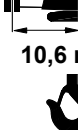
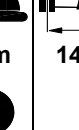
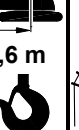
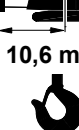
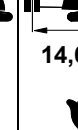
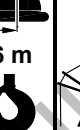


	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,7	108,0	59 800	59 800									22,9
24,0	72,4	107,6	58 500	58 500									24,0
26,0	70,2	106,9	56 100	56 100									26,0
28,0	67,9	106,1	53 400	53 400	70,1	106,6	56 200	56 200					28,0
30,0	65,6	105,2	50 800	50 800	67,8	105,8	53 600	53 600					30,0
32,0	63,2	104,2	48 300	48 300	65,5	104,9	51 100	51 100	68,7	105,7	54 600	54 600	32,0
34,0	60,8	103,1	45 800	45 800	63,1	103,9	48 600	48 600	66,4	104,9	52 300	52 300	34,0
36,0	58,3	101,9	43 500	43 500	60,7	102,8	46 200	46 200	64,1	103,9	49 900	49 900	36,0
38,0	55,7	100,5	41 200	41 200	58,2	101,6	43 800	43 800	61,6	102,8	47 500	47 500	38,0
40,0	53,1	99,1	38 900	38 900	55,6	100,2	41 500	41 500	59,2	101,7	45 200	45 200	40,0
42,0	50,4	97,4	36 800	36 800	53,0	98,8	39 200	39 200	56,7	100,4	42 800	42 900	42,0
44,0	47,5	95,6	34 700	34 700	50,2	97,1	37 100	37 100	54,0	98,9	40 300	40 600	44,0
46,0	44,5	93,6	32 800	32 800	47,4	95,3	35 000	35 000	51,3	97,4	38 000	38 400	46,0
48,0	41,4	91,4	31 000	31 000	44,4	93,3	33 000	33 000	48,5	95,6	35 900	36 300	48,0
50,0	38,0	88,9	29 200	29 200	41,2	91,1	31 200	31 200	45,6	93,7	34 000	34 300	50,0
52,0	34,3	86,1	27 500	27 500	37,8	88,6	29 400	29 400	42,5	91,6	32 300	32 300	52,0
54,0	30,2	82,8	26 000	26 000	34,1	85,7	27 700	27 700	39,2	89,2	30 500	30 500	54,0
56,0	25,5	78,9	24 500	24 500	30,0	82,4	26 100	26 100	35,6	86,5	28 800	28 800	56,0
58,0	19,8	73,9	23 100	23 100	25,2	78,4	24 600	24 600	31,7	83,4	27 100	27 100	58,0
60,0					19,4	73,3	23 300	23 300	27,3	79,7	25 600	25 600	60,0
62,0					10,8	65,4	22 000	22 000	22,0	75,1	24 100	24 100	62,0
64,0									14,9	68,8	22 800	22 800	64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0

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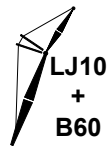
ASME B30.5



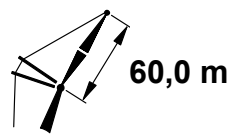
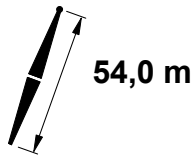
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
22,9														22,9
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0	62,4	102,1	39 600	47 900										42,0
44,0	60,0	101,0	37 300	45 900										44,0
46,0	57,5	99,7	35 100	43 800										46,0
48,0	54,9	98,3	33 200	41 600										48,0
50,0	52,2	96,8	31 400	39 500										50,0
52,0	49,4	95,1	29 800	37 400	55,5	97,2	26 800	36 900						52,0
54,0	46,5	93,2	28 300	35 300	52,9	95,7	25 400	35 100						54,0
56,0	43,5	91,2	26 900	33 400	50,2	94,1	24 000	33 400						56,0
58,0	40,3	88,9	25 600	31 500	47,3	92,3	22 800	31 900	53,4	94,1	20 000	29 800		58,0
60,0	36,8	86,3	24 400	29 800	44,3	90,2	21 600	30 500	50,7	92,5	19 000	28 400		60,0
62,0	33,0	83,3	23 200	28 100	41,1	88,0	20 600	29 200	47,8	90,7	18 000	27 200		62,0
64,0	28,7	79,8	22 000	26 500	37,7	85,5	19 500	27 900	44,9	88,8	17 100	26 000		64,0
66,0	23,8	75,6	21 000	25 000	34,0	82,6	18 600	26 700	41,7	86,6	16 200	24 900		66,0
68,0	17,5	70,0	20 000	23 600	29,9	79,3	17 700	25 600	38,3	84,1	15 400	23 900		68,0
70,0	6,3	59,7	18 900	22 400	25,1	75,3	16 800	24 600	34,7	81,3	14 600	22 900		70,0
72,0					19,3	70,2	15 900	23 600	30,7	78,1	13 800	22 000		72,0
74,0					10,5	62,2	15 100	22 600	26,1	74,2	13 100	21 100		74,0
76,0									20,5	69,4	12 400	20 200		76,0

MLC300 VPC-MAX S-1

ASME B30.5



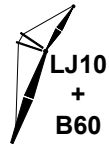
135 100 kg



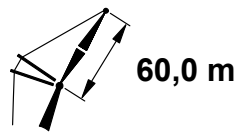
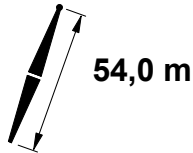
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,9	113,8	51 600	51 600									24,4
26,0	72,3	113,3	51 100	51 100									26,0
28,0	70,2	112,6	51 000	51 000									28,0
30,0	68,2	111,8	50 200	50 200	70,1	112,3	50 500	50 500					30,0
32,0	66,1	110,9	48 800	48 800	68,1	111,5	50 500	50 500					32,0
34,0	64,0	109,9	47 300	47 300	66,0	110,6	49 200	49 200					34,0
36,0	61,8	108,9	45 800	45 800	63,9	109,7	47 700	47 700	66,8	110,5	49 000	49 000	36,0
38,0	59,6	107,7	44 300	44 300	61,7	108,6	46 300	46 300	64,7	109,6	48 200	48 500	38,0
40,0	57,3	106,5	42 800	42 800	59,5	107,4	44 900	44 900	62,6	108,6	45 200	47 300	40,0
42,0	55,0	105,1	41 400	41 400	57,2	106,2	43 400	43 400	60,4	107,5	42 400	46 000	42,0
44,0	52,6	103,6	40 000	40 000	54,9	104,8	41 700	42 000	58,1	106,2	39 900	44 700	44,0
46,0	50,2	101,9	38 500	38 500	52,5	103,3	39 400	40 600	55,8	104,9	37 600	43 300	46,0
48,0	47,6	100,1	36 900	36 900	50,0	101,6	37 300	39 200	53,5	103,4	35 600	42 000	48,0
50,0	44,9	98,1	35 300	35 300	47,4	99,8	35 300	37 900	51,0	101,8	33 700	40 600	50,0
52,0	42,1	96,0	33 900	33 900	44,8	97,8	33 500	36 500	48,5	100,1	31 900	39 200	52,0
54,0	39,1	93,6	32 400	32 400	41,9	95,6	31 800	35 100	45,9	98,2	30 300	37 900	54,0
56,0	35,9	90,9	30 900	30 900	38,9	93,2	30 300	33 700	43,1	96,1	28 900	36 500	56,0
58,0	32,4	87,9	29 500	29 500	35,7	90,5	28 800	32 300	40,2	93,8	27 500	35 100	58,0
60,0	28,6	84,4	28 300	28 300	32,2	87,5	27 500	30 600	37,1	91,2	26 200	33 200	60,0
62,0	24,2	80,2	27 100	27 100	28,4	83,9	26 300	29 000	33,7	88,3	25 000	31 400	62,0
64,0	18,7	74,9	25 700	25 700	23,9	79,7	25 100	27 400	30,0	85,0	23 900	29 700	64,0
66,0					18,4	74,3	24 000	25 700	25,8	81,1	22 800	28 200	66,0
68,0					10,2	65,9	21 500	22 000	20,8	76,2	21 800	26 700	68,0
70,0									14,1	69,5	20 800	25 300	70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0

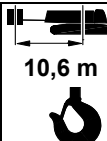
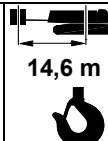
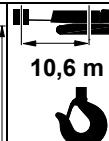
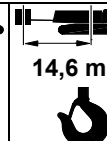
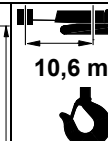
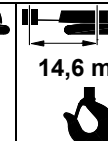
MLC300 VPC-MAX S-1

ASME B30.5



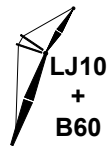
135 100 kg



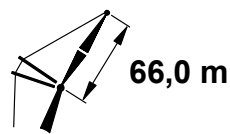
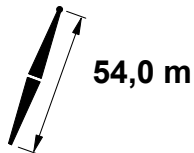
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
24,4														24,4
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0	61,1	106,7	34 700	45 600										46,0
48,0	58,9	105,6	32 800	43 200										48,0
50,0	56,6	104,2	31 000	41 000										50,0
52,0	54,2	102,8	29 400	38 900										52,0
54,0	51,8	101,3	27 900	37 100	57,2	103,1	24 800	34 600						54,0
56,0	49,3	99,6	26 400	35 300	54,8	101,7	23 400	33 000						56,0
58,0	46,7	97,7	25 100	33 700	52,4	100,2	22 200	31 500						58,0
60,0	44,0	95,7	23 900	32 200	50,0	98,5	21 100	30 100						60,0
62,0	41,1	93,5	22 700	30 800	47,4	96,7	20 000	28 700						62,0
64,0	38,1	91,0	21 600	29 500	44,7	94,8	19 000	27 500	50,4	97,0	16 500	25 600		64,0
66,0	34,8	88,2	20 500	28 300	41,9	92,6	18 000	26 400	47,9	95,2	15 600	24 500		66,0
68,0	31,2	85,0	19 600	27 100	38,9	90,1	17 100	25 300	45,2	93,3	14 800	23 400		68,0
70,0	27,2	81,3	18 600	26 000	35,7	87,4	16 300	24 200	42,4	91,1	14 000	22 500		70,0
72,0	22,5	76,8	17 700	25 000	32,2	84,4	15 500	23 300	39,4	88,7	13 300	21 600		72,0
74,0	16,5	70,9	16 900	24 000	28,3	80,8	14 700	22 300	36,3	86,1	12 600	20 700		74,0
76,0	6,0	60,0	16 000	23 000	23,8	76,6	14 000	21 500	32,8	83,1	11 900	19 900		76,0
78,0					18,3	71,1	13 300	20 600	29,0	79,7	11 300	19 100		78,0
80,0									24,7	75,6	10 700	18 300		80,0
82,0									19,4	70,4	10 100	17 600		82,0

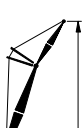
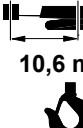
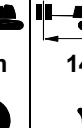
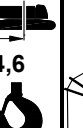
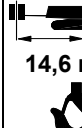
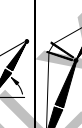
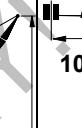
MLC300 VPC-MAX S-1

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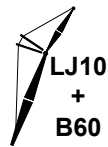
135 100 kg



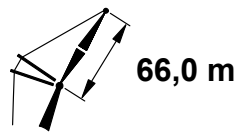
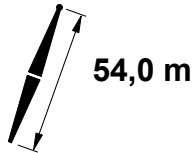
	 85°				 83°				 80°					
	 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg		 kg
27,4	72,6	119,1	42 700	42 700										27,4
28,0	72,1	118,9	42 600	42 600										28,0
30,0	70,2	118,2	42 500	42 500										30,0
32,0	68,4	117,4	42 200	42 200	70,1	117,9	42 000	42 000						32,0
34,0	66,5	116,6	42 000	42 000	68,3	117,2	41 900	41 900						34,0
36,0	64,6	115,6	41 300	41 300	66,4	116,3	41 800	41 800						36,0
38,0	62,6	114,6	39 900	39 900	64,5	115,3	41 600	41 600	67,2	116,2	40 600	40 600		38,0
40,0	60,6	113,5	38 500	38 500	62,5	114,3	40 300	40 300	65,3	115,3	40 600	40 600		40,0
42,0	58,6	112,3	37 100	37 100	60,5	113,2	39 000	39 000	63,3	114,3	40 600	40 600		42,0
44,0	56,5	111,0	35 700	35 700	58,5	112,0	37 600	37 600	61,3	113,2	39 300	39 900		44,0
46,0	54,4	109,5	34 400	34 400	56,4	110,7	36 300	36 300	59,3	112,0	37 100	38 600		46,0
48,0	52,2	108,0	33 000	33 000	54,3	109,2	34 900	34 900	57,3	110,8	35 000	37 400		48,0
50,0	50,0	106,4	31 700	31 700	52,1	107,7	33 500	33 500	55,2	109,4	33 100	36 000		50,0
52,0	47,6	104,6	30 400	30 400	49,8	106,0	32 200	32 200	53,0	107,9	31 400	34 700		52,0
54,0	45,2	102,6	29 100	29 100	47,5	104,2	30 900	30 900	50,8	106,3	29 800	33 400		54,0
56,0	42,7	100,5	27 800	27 800	45,1	102,3	29 500	29 500	48,5	104,5	28 300	32 100		56,0
58,0	40,0	98,1	26 600	26 600	42,5	100,1	28 300	28 300	46,1	102,6	27 000	30 800		58,0
60,0	37,2	95,6	25 300	25 300	39,8	97,8	27 000	27 000	43,6	100,6	25 700	29 400		60,0
62,0	34,1	92,7	24 100	24 100	37,0	95,2	25 700	25 700	40,9	98,3	24 500	28 100		62,0
64,0	30,8	89,5	22 900	22 900	33,9	92,3	24 500	24 500	38,2	95,8	23 400	26 900		64,0
66,0	27,2	85,7	21 800	21 800	30,6	89,0	23 300	23 300	35,2	93,1	22 400	25 600		66,0
68,0	22,9	81,3	20 700	20 700	26,9	85,3	22 100	22 100	32,0	90,0	21 400	24 300		68,0
70,0	17,8	75,7	19 600	19 600	22,7	80,8	21 000	21 000	28,5	86,4	20 400	23 100		70,0
72,0					17,4	75,1	19 900	19 900	24,5	82,3	19 400	21 900		72,0
74,0					9,5	66,2	17 800	17 800	19,7	77,2	18 500	20 800		74,0
76,0									13,3	70,1	17 700	19 800		76,0
78,0														78,0
80,0														80,0
82,0														82,0
84,0														84,0
86,0														86,0
88,0														88,0

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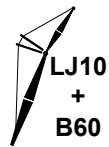
135 100 kg



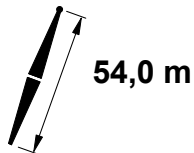
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,0	112,5	32 100	37 800									48,0
50,0	60,0	111,3	30 300	38 100									50,0
52,0	57,9	110,1	28 600	37 700									52,0
54,0	55,8	108,7	27 100	36 400									54,0
56,0	53,7	107,3	25 700	34 800									56,0
58,0	51,5	105,7	24 300	33 200	56,4	107,6	21 400	30 900					58,0
60,0	49,2	104,0	23 100	31 700	54,2	106,2	20 200	29 500					60,0
62,0	46,8	102,2	21 900	30 300	52,0	104,7	19 200	28 200					62,0
64,0	44,4	100,2	20 800	29 000	49,8	103,0	18 200	26 900					64,0
66,0	41,8	98,0	19 800	27 800	47,4	101,2	17 200	25 800	52,5	103,1	14 700	23 800	66,0
68,0	39,1	95,6	18 900	26 600	45,0	99,2	16 400	24 700	50,2	101,4	13 900	22 800	68,0
70,0	36,2	92,9	17 900	25 500	42,5	97,1	15 500	23 700	47,9	99,7	13 200	21 900	70,0
72,0	33,1	89,9	17 100	24 500	39,8	94,7	14 700	22 700	45,5	97,7	12 500	21 000	72,0
74,0	29,6	86,5	16 300	23 500	36,9	92,1	14 000	21 800	42,9	95,6	11 800	20 100	74,0
76,0	25,8	82,6	15 500	22 600	33,9	89,2	13 300	20 900	40,3	93,3	11 100	19 300	76,0
78,0	21,3	77,8	14 700	21 700	30,6	86,0	12 600	20 100	37,5	90,7	10 500	18 500	78,0
80,0	15,6	71,6	14 000	20 800	26,9	82,2	11 900	19 300	34,5	87,9	9 900	17 800	80,0
82,0					22,6	77,7	11 300	18 600	31,2	84,7	9 400	17 100	82,0
84,0					17,3	71,9	10 700	17 900	27,6	81,1	8 800	16 400	84,0
86,0									23,4	76,7	8 300	15 800	86,0
88,0									18,4	71,3	7 800	15 200	88,0

MLC300 VPC-MAX S-1

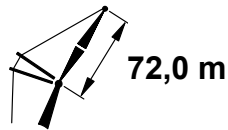
ASME B30.5



135 100 kg



54,0 m

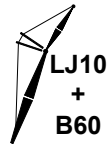


72,0 m

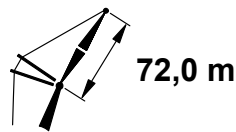
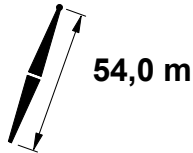
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	72,8	124,9	35 900	35 900									29,0
30,0	72,0	124,6	35 800	35 800									30,0
32,0	70,3	123,9	35 600	35 600	71,9	124,3	35 200	35 200					32,0
34,0	68,6	123,1	35 300	35 300	70,2	123,6	35 100	35 100					34,0
36,0	66,8	122,2	35 100	35 100	68,5	122,8	35 000	35 000					36,0
38,0	65,1	121,3	34 800	34 800	66,7	122,0	34 800	34 800					38,0
40,0	63,3	120,3	34 500	34 500	65,0	121,0	34 600	34 600	67,4	121,9	33 800	33 800	40,0
42,0	61,5	119,2	33 900	33 900	63,2	120,0	34 400	34 400	65,7	121,0	33 700	33 700	42,0
44,0	59,7	118,1	32 800	32 800	61,4	119,0	34 100	34 100	63,9	120,0	33 700	33 700	44,0
46,0	57,8	116,8	31 800	31 800	59,6	117,8	33 300	33 300	62,1	119,0	33 600	33 600	46,0
48,0	55,9	115,5	30 700	30 700	57,7	116,5	32 200	32 200	60,3	117,8	33 400	33 400	48,0
50,0	53,9	114,1	29 500	29 500	55,8	115,2	31 100	31 100	58,4	116,6	32 600	33 000	50,0
52,0	51,9	112,5	28 400	28 400	53,8	113,7	30 000	30 000	56,5	115,3	31 000	32 100	52,0
54,0	49,8	110,8	27 300	27 300	51,8	112,2	28 900	28 900	54,6	113,9	29 400	31 000	54,0
56,0	47,7	109,0	26 100	26 100	49,7	110,5	27 700	27 700	52,6	112,4	27 900	29 900	56,0
58,0	45,5	107,1	24 900	24 900	47,6	108,7	26 600	26 600	50,6	110,8	26 500	28 800	58,0
60,0	43,2	105,0	23 800	23 800	45,3	106,8	25 400	25 400	48,4	109,0	25 300	27 600	60,0
62,0	40,7	102,7	22 600	22 600	43,0	104,7	24 200	24 200	46,3	107,1	24 100	26 400	62,0
64,0	38,2	100,2	21 500	21 500	40,6	102,4	23 000	23 000	44,0	105,1	23 000	25 300	64,0
66,0	35,5	97,5	20 300	20 300	38,1	99,9	21 800	21 800	41,6	102,9	21 900	24 100	66,0
68,0	32,6	94,5	19 200	19 200	35,3	97,1	20 600	20 600	39,1	100,5	20 800	22 900	68,0
70,0	29,5	91,0	18 100	18 100	32,4	94,1	19 500	19 500	36,5	97,8	19 900	21 700	70,0
72,0	26,0	87,1	17 000	17 000	29,3	90,6	18 300	18 300	33,7	94,9	18 900	20 500	72,0
74,0	21,9	82,5	16 000	16 000	25,7	86,7	17 300	17 300	30,6	91,6	18 000	19 300	74,0
76,0	17,0	76,6	15 000	15 000	21,7	82,0	16 200	16 200	27,2	87,9	17 200	18 200	76,0
78,0					16,7	76,0	15 200	15 200	23,4	83,5	16 400	17 100	78,0
80,0					9,1	66,7	14 100	14 100	18,9	78,2	15 600	16 000	80,0
82,0									12,8	70,8	14 900	15 100	82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0

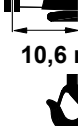
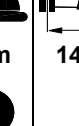
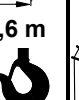
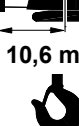
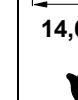
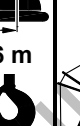
MLC300 VPC-MAX S-1

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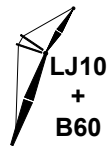
135 100 kg



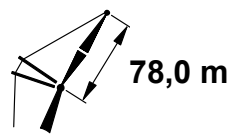
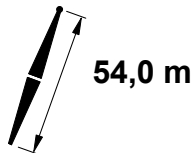
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	62,7		118,2	29 600	31 200									52,0
54,0	60,9		117,1	28 000	31 300									54,0
56,0	59,0		115,9	26 400	31 400									56,0
58,0	57,1		114,6	25 000	31 500									58,0
58,0	55,2		113,3	23 700	31 500									58,0
60,0	53,2		111,8	22 500	30 500	57,6	113,5	19 600	28 500					60,0
62,0	51,2		110,2	21 300	29 500	55,7	112,2	18 500	27 700					62,0
64,0	49,1		108,5	20 200	28 500	53,8	110,7	17 500	26 400					64,0
66,0	46,9		106,7	19 200	27 300	51,7	109,1	16 600	25 300					66,0
68,0	44,7		104,7	18 300	26 200	49,7	107,5	15 700	24 200					68,0
70,0	42,4		102,5	17 400	25 100	47,5	105,7	14 900	23 200	52,1	107,6	12 500	21 400	70,0
72,0	39,9		100,2	16 500	23 900	45,3	103,7	14 100	22 300	50,0	105,9	11 800	20 500	72,0
74,0	37,3		97,6	15 700	22 700	43,0	101,6	13 400	21 400	47,9	104,1	11 100	19 600	74,0
76,0	34,6		94,8	14 900	21 500	40,6	99,3	12 700	20 500	45,7	102,2	10 500	18 800	76,0
78,0	31,6		91,6	14 200	20 300	38,0	96,8	12 000	19 700	43,4	100,1	9 900	18 100	78,0
80,0	28,3		88,0	13 500	19 100	35,3	94,0	11 400	18 900	41,0	97,9	9 300	17 300	80,0
82,0	24,7		83,9	12 800	18 000	32,4	91,0	10 800	18 200	38,5	95,4	8 700	16 600	82,0
84,0	20,4		78,9	12 200	16 900	29,2	87,5	10 200	17 500	35,8	92,7	8 200	16 000	84,0
86,0	15,0		72,4	11 500	15 900	25,7	83,6	9 600	16 800	32,9	89,7	7 700	15 400	86,0
88,0						21,6	78,8	9 100	16 200	29,8	86,3	7 200	14 800	88,0
90,0						16,5	72,8	8 500	15 600	26,4	82,5	6 800	14 200	90,0
92,0										22,4	77,9	6 300	13 600	92,0
94,0										17,6	72,2	5 900	13 100	94,0
96,0										10,7	63,9	5 400	12 600	96,0

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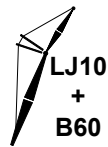
135 100 kg



m	85°				m	83°				m	80°				m
	°	m	kg	kg		°	m	kg	kg		°	m	kg	kg	
30,5	73,0	130,7	29 900	29 900											30,5
32,0	71,9	130,2	29 700	29 700											32,0
34,0	70,3	129,5	29 500	29 500											34,0
36,0	68,7	128,8	29 200	29 200	70,2	129,3	29 100	29 100							36,0
38,0	67,1	127,9	28 900	28 900	68,6	128,5	28 900	28 900							38,0
40,0	65,5	127,0	28 600	28 600	67,0	127,6	28 700	28 700							40,0
42,0	63,9	126,0	28 400	28 400	65,4	126,7	28 400	28 400	67,7	127,5	27 900	27 900			42,0
44,0	62,2	125,0	28 100	28 100	63,8	125,8	28 200	28 200	66,1	126,7	27 800	27 800			44,0
46,0	60,5	123,9	27 800	27 800	62,1	124,7	28 000	28 000	64,5	125,7	27 700	27 700			46,0
48,0	58,8	122,7	27 400	27 400	60,4	123,6	27 700	27 700	62,8	124,7	27 500	27 500			48,0
50,0	57,1	121,4	26 600	26 600	58,7	122,4	27 500	27 500	61,1	123,6	27 300	27 300			50,0
52,0	55,3	120,0	25 600	25 600	57,0	121,1	27 000	27 000	59,4	122,4	27 200	27 200			52,0
54,0	53,5	118,6	24 600	24 600	55,2	119,7	26 000	26 000	57,7	121,2	27 000	27 000			54,0
56,0	51,6	117,0	23 500	23 500	53,4	118,3	25 000	25 000	55,9	119,8	26 700	26 700			56,0
58,0	49,7	115,3	22 400	22 400	51,5	116,7	23 900	23 900	54,1	118,4	25 800	25 900			58,0
60,0	47,7	113,5	21 400	21 400	49,6	115,0	22 800	22 800	52,3	116,9	24 700	24 800			60,0
62,0	45,7	111,6	20 300	20 300	47,6	113,2	21 700	21 700	50,4	115,2	23 500	23 800			62,0
64,0	43,6	109,5	19 200	19 200	45,6	111,3	20 600	20 600	48,4	113,5	22 300	22 700			64,0
66,0	41,4	107,3	18 100	18 100	43,4	109,2	19 500	19 500	46,4	111,6	21 200	21 600			66,0
68,0	39,1	104,9	17 000	17 000	41,2	106,9	18 400	18 400	44,3	109,6	20 200	20 500			68,0
70,0	36,6	102,2	15 900	15 900	38,9	104,5	17 200	17 200	42,1	107,4	19 200	19 300			70,0
72,0	34,0	99,3	14 800	14 800	36,5	101,9	16 200	16 200	39,9	105,1	18 200	18 200			72,0
74,0	31,3	96,1	13 800	13 800	33,9	99,0	15 100	15 100	37,5	102,5	17 000	17 000			74,0
76,0	28,3	92,6	12 800	12 800	31,1	95,7	14 000	14 000	35,0	99,7	15 900	15 900			76,0
78,0	24,9	88,4	11 800	11 800	28,1	92,1	13 000	13 000	32,3	96,6	14 800	14 800			78,0
80,0	21,0	83,6	10 900	10 900	24,7	88,0	12 000	12 000	29,4	93,2	13 800	13 800			80,0
82,0	16,3	77,4	10 000	10 000	20,8	83,1	11 000	11 000	26,1	89,3	12 700	12 700			82,0
84,0					16,0	76,8	10 200	10 200	22,5	84,7	11 700	11 700			84,0
86,0									18,1	79,1	10 800	10 800			86,0
88,0									12,2	71,4	9 900	9 900			88,0
90,0															90,0
92,0															92,0
94,0															94,0
96,0															96,0
98,0															98,0
100,0															100,0
102,0															102,0

MLC300 VPC-MAX S-1

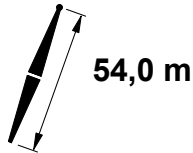
ASME B30.5



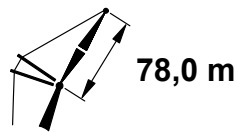
135 100 kg



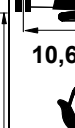
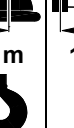
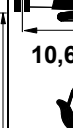
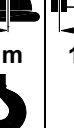
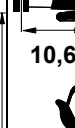
360°



54,0 m

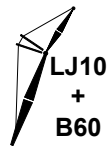


78,0 m

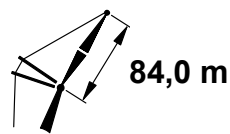
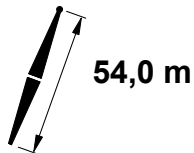
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	63,3	123,9	25 600	25 600										52,0
54,0	61,7	122,9	25 400	25 700										54,0
56,0	60,0	121,7	24 200	25 700										56,0
58,0	58,2	120,5	22 900	25 700										58,0
60,0	56,5	119,2	21 700	25 600										60,0
62,0	54,7	117,8	20 500	25 600										62,0
64,0	52,9	116,3	19 500	25 400	56,9	118,1	16 700	23 600						64,0
66,0	51,0	114,7	18 500	24 400	55,2	116,7	15 800	23 800						66,0
68,0	49,0	113,0	17 500	23 500	53,3	115,2	14 900	23 500						68,0
70,0	47,0	111,1	16 600	22 400	51,5	113,6	14 100	22 600						70,0
72,0	45,0	109,2	15 800	21 300	49,5	111,9	13 300	21 700						72,0
74,0	42,8	107,0	15 000	20 200	47,6	110,1	12 600	20 800	51,8	112,1	10 300	19 000		74,0
76,0	40,6	104,7	14 200	19 100	45,5	108,2	11 900	19 900	49,9	110,4	9 600	18 200		76,0
78,0	38,3	102,3	13 500	17 900	43,4	106,1	11 200	19 100	47,9	108,6	9 100	17 400		78,0
80,0	35,8	99,5	12 800	16 800	41,2	103,9	10 600	18 400	45,9	106,7	8 500	16 700		80,0
82,0	33,1	96,6	12 100	15 700	38,9	101,4	10 000	17 600	43,8	104,6	7 900	16 100		82,0
84,0	30,3	93,2	11 500	14 600	36,4	98,8	9 400	17 000	41,6	102,4	7 400	15 400		84,0
86,0	27,2	89,5	10 900	13 500	33,8	95,9	8 900	16 200	39,3	100,0	6 900	14 800		86,0
88,0	23,7	85,2	10 300	12 500	31,1	92,7	8 400	15 200	36,9	97,4	6 500	14 200		88,0
90,0	19,6	80,0	9 800	11 500	28,0	89,0	7 900	14 100	34,3	94,6	6 000	13 600		90,0
92,0	14,3	73,1	9 200	10 600	24,6	84,9	7 400	13 100	31,6	91,4	5 600	13 100		92,0
94,0					20,7	79,9	6 900	12 100	28,6	87,9	5 100	12 600		94,0
96,0					15,9	73,6	6 400	11 200	25,3	83,8	4 700	12 100		96,0
98,0									21,5	79,1		11 600		98,0
100,0									16,9	73,1		11 100		100,0
102,0									10,3	64,4		10 600		102,0

MLC300 VPC-MAX S-1

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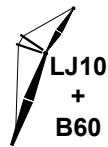
135 100 kg



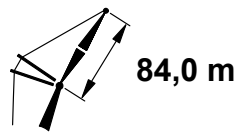
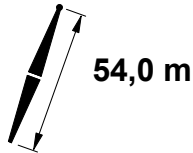
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,2	136,5	25 100	25 100									32,0
34,0	71,8	135,9	24 900	24 900									34,0
36,0	70,3	135,2	24 600	24 600									36,0
38,0	68,9	134,4	24 300	24 300	70,2	134,9	24 300	24 300					38,0
40,0	67,4	133,6	24 000	24 000	68,8	134,2	24 000	24 000					40,0
42,0	65,9	132,7	23 700	23 700	67,3	133,3	23 800	23 800					42,0
44,0	64,4	131,8	23 400	23 400	65,8	132,4	23 500	23 500	67,9	133,2	23 200	23 200	44,0
46,0	62,8	130,7	23 100	23 100	64,3	131,5	23 300	23 300	66,4	132,4	23 000	23 000	46,0
48,0	61,3	129,6	22 900	22 900	62,8	130,5	23 000	23 000	64,9	131,4	22 800	22 800	48,0
50,0	59,7	128,5	22 600	22 600	61,2	129,4	22 800	22 800	63,4	130,4	22 700	22 700	50,0
52,0	58,1	127,3	22 300	22 300	59,6	128,2	22 500	22 500	61,8	129,4	22 500	22 500	52,0
54,0	56,5	125,9	22 000	22 000	58,0	127,0	22 300	22 300	60,3	128,2	22 300	22 300	54,0
56,0	54,8	124,5	21 800	21 800	56,4	125,6	22 000	22 000	58,7	127,0	22 100	22 100	56,0
58,0	53,1	123,1	21 500	21 500	54,7	124,2	21 800	21 800	57,1	125,7	21 800	21 800	58,0
60,0	51,4	121,5	21 300	21 300	53,0	122,8	21 500	21 500	55,4	124,4	21 600	21 600	60,0
62,0	49,6	119,8	21 100	21 100	51,3	121,2	21 600	21 600	53,7	122,9	21 400	21 400	62,0
64,0	47,8	118,0	20 800	20 800	49,5	119,5	21 100	21 100	52,0	121,4	21 200	21 200	64,0
66,0	45,9	116,1	20 200	20 200	47,7	117,7	20 900	20 900	50,2	119,7	20 600	21 100	66,0
68,0	43,9	114,0	19 600	19 600	45,8	115,7	20 600	20 600	48,4	118,0	19 600	20 900	68,0
70,0	41,9	111,8	18 900	18 900	43,8	113,7	20 200	20 200	46,5	116,1	18 600	20 700	70,0
72,0	39,8	109,5	18 300	18 300	41,8	111,5	19 300	19 900	44,6	114,1	17 700	20 500	72,0
74,0	37,6	106,9	17 700	17 700	39,7	109,1	18 300	19 400	42,6	112,0	16 900	20 200	74,0
76,0	35,2	104,1	17 100	17 100	37,4	106,6	17 500	18 300	40,5	109,6	16 000	19 800	76,0
78,0	32,8	101,1	16 200	16 200	35,1	103,8	16 700	17 300	38,4	107,2	15 300	19 100	78,0
80,0	30,1	97,8	15 200	15 200	32,6	100,7	15 900	16 200	36,1	104,5	14 500	18 000	80,0
82,0	27,2	94,0	14 200	14 200	29,9	97,3	15 100	15 300	33,6	101,5	13 800	16 900	82,0
84,0	24,0	89,7	13 300	13 300	27,0	93,6	14 300	14 300	31,1	98,3	13 100	15 900	84,0
86,0	20,2	84,7	12 400	12 400	23,8	89,2	13 400	13 400	28,2	94,7	12 500	14 900	86,0
88,0	15,7	78,3	11 600	11 600	20,0	84,1	12 500	12 500	25,1	90,6	11 900	13 900	88,0
90,0					15,4	77,6	11 700	11 700	21,6	85,9	11 300	13 000	90,0
92,0									17,4	80,0	10 700	12 200	92,0
94,0									11,8	72,0	10 100	11 400	94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0

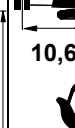
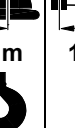
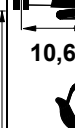
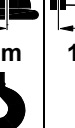
MLC300 VPC-MAX S-1

ASME B30.5



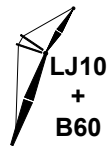
135 100 kg



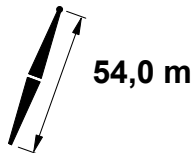
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	62,3	128,6	21 200	21 200									56,0
58,0	60,8	127,5	21 100	21 100									58,0
60,0	59,2	126,3	20 800	21 000									60,0
62,0	57,6	125,1	19 900	20 900									62,0
64,0	55,9	123,7	18 900	20 800									64,0
66,0	54,2	122,3	17 900	20 700	58,0	123,9	15 100	19 300					66,0
68,0	52,5	120,8	16 900	20 600	56,4	122,6	14 300	19 400					68,0
70,0	50,8	119,2	16 000	20 500	54,7	121,2	13 500	19 400					70,0
72,0	49,0	117,4	15 200	20 400	53,0	119,7	12 700	19 400					72,0
74,0	47,1	115,6	14 400	20 300	51,2	118,1	12 000	19 400					74,0
76,0	45,2	113,7	13 600	20 200	49,5	116,4	11 300	19 400					76,0
78,0	43,2	111,6	12 900	20 000	47,6	114,6	10 600	18 700	51,6	116,5	8 400	17 000	78,0
80,0	41,2	109,3	12 200	19 600	45,7	112,7	10 000	17 900	49,8	114,9	7 900	16 300	80,0
82,0	39,1	106,9	11 600	18 900	43,8	110,6	9 400	17 200	48,0	113,1	7 300	15 600	82,0
84,0	36,8	104,3	11 000	18 100	41,7	108,4	8 900	16 500	46,1	111,2	6 800	14 900	84,0
86,0	34,4	101,4	10 400	17 400	39,6	106,0	8 300	15 900	44,1	109,2	6 300	14 300	86,0
88,0	31,9	98,3	9 800	16 500	37,4	103,5	7 800	15 300	42,1	107,0	5 900	13 800	88,0
90,0	29,2	94,8	9 300	15 500	35,1	100,7	7 300	14 700	40,0	104,6	5 400	13 200	90,0
92,0	26,2	90,9	8 800	14 500	32,6	97,6	6 800	14 100	37,8	102,1	5 000	12 700	92,0
94,0	22,8	86,4	8 200	13 600	29,9	94,3	6 400	13 500	35,5	99,4		12 100	94,0
96,0	18,8	81,0	7 800	12 700	27,0	90,5	6 000	13 000	33,0	96,4		11 700	96,0
98,0	13,8	73,9	7 300	11 800	23,7	86,1	5 500	12 500	30,4	93,0		11 200	98,0
100,0					19,9	81,0	5 100	12 000	27,5	89,3		10 700	100,0
102,0					15,3	74,4	4 700	11 500	24,3	85,1		10 300	102,0
104,0									20,7	80,1		9 900	104,0
106,0									16,2	73,9		9 400	106,0
108,0									9,9	64,9		9 000	108,0

MLC300 VPC-MAX S-1

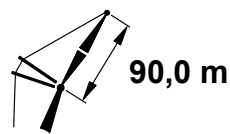
ASME B30.5



135 100 kg



54,0 m

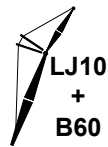


90,0 m

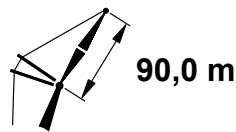
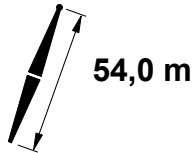
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,3	142,3	21 100	21 100									33,5
34,0	73,0	142,2	21 100	21 100									34,0
36,0	71,7	141,6	20 800	20 800									36,0
38,0	70,3	140,9	20 500	20 500									38,0
40,0	69,0	140,1	20 200	20 200	70,3	140,6	20 300	20 300					40,0
42,0	67,6	139,3	20 000	20 000	68,9	139,8	20 000	20 000					42,0
44,0	66,2	138,4	19 700	19 700	67,5	139,0	19 800	19 800					44,0
46,0	64,8	137,5	19 400	19 400	66,1	138,1	19 500	19 500	68,1	138,9	19 300	19 300	46,0
48,0	63,4	136,5	19 100	19 100	64,7	137,2	19 300	19 300	66,7	138,0	19 100	19 100	48,0
50,0	61,9	135,4	18 900	18 900	63,3	136,2	19 000	19 000	65,3	137,1	18 900	18 900	50,0
52,0	60,5	134,3	18 600	18 600	61,9	135,1	18 800	18 800	63,9	136,1	18 700	18 700	52,0
54,0	59,0	133,1	18 300	18 300	60,4	134,0	18 500	18 500	62,4	135,1	18 500	18 500	54,0
56,0	57,5	131,8	18 100	18 100	58,9	132,8	18 300	18 300	61,0	134,0	18 300	18 300	56,0
58,0	55,9	130,5	17 800	17 800	57,4	131,5	18 000	18 000	59,5	132,8	18 100	18 100	58,0
60,0	54,4	129,1	17 600	17 600	55,9	130,2	17 800	17 800	58,0	131,6	17 900	17 900	60,0
62,0	52,8	127,6	17 400	17 400	54,3	128,8	17 600	17 600	56,5	130,3	17 700	17 700	62,0
64,0	51,2	126,0	17 200	17 200	52,7	127,2	17 400	17 400	54,9	128,9	17 500	17 500	64,0
66,0	49,5	124,3	17 000	17 000	51,1	125,6	17 200	17 200	53,4	127,4	17 300	17 300	66,0
68,0	47,8	122,5	16 800	16 800	49,4	124,0	17 000	17 000	51,7	125,9	17 100	17 100	68,0
70,0	46,0	120,6	16 600	16 600	47,7	122,2	16 800	16 800	50,1	124,2	16 900	16 900	70,0
72,0	44,2	118,5	16 400	16 400	45,9	120,2	16 600	16 600	48,4	122,4	16 700	16 800	72,0
74,0	42,3	116,4	16 200	16 200	44,1	118,2	16 400	16 400	46,7	120,6	16 200	16 600	74,0
76,0	40,4	114,1	15 900	15 900	42,2	116,0	16 300	16 300	44,9	118,6	15 300	16 400	76,0
78,0	38,4	111,6	15 400	15 400	40,3	113,7	16 000	16 100	43,0	116,5	14 600	16 300	78,0
80,0	36,2	108,9	14 900	14 900	38,2	111,2	15 200	16 000	41,1	114,2	13 800	16 100	80,0
82,0	34,0	106,0	14 500	14 500	36,1	108,5	14 500	15 500	39,1	111,8	13 100	16 000	82,0
84,0	31,6	102,8	13 700	13 700	33,9	105,6	13 800	14 700	37,0	109,2	12 500	15 800	84,0
86,0	29,0	99,3	12 800	12 800	31,5	102,4	13 100	14 000	34,8	106,4	11 800	15 100	86,0
88,0	26,2	95,4	11 800	11 800	28,9	98,9	12 500	13 200	32,5	103,3	11 200	14 300	88,0
90,0	23,1	91,0	10 800	10 800	26,1	95,0	11 900	12 300	30,0	99,9	10 600	13 600	90,0
92,0	19,5	85,7	9 800	9 800	22,9	90,5	11 200	11 200	27,3	96,2	10 100	12 800	92,0
94,0	15,1	79,1	8 900	8 900	19,3	85,1	10 200	10 200	24,3	91,9	9 500	12 100	94,0
96,0	8,7	69,1	7 900	7 900	14,9	78,4	9 200	9 200	20,9	87,0	9 000	11 300	96,0
98,0									16,8	80,9	8 500	10 200	98,0
100,0									11,4	72,6	8 000	9 200	100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

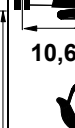
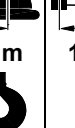
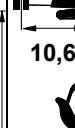
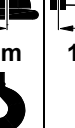
MLC300 VPC-MAX S-1

ASME B30.5



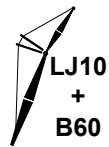
135 100 kg



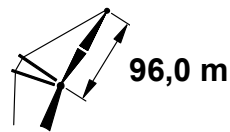
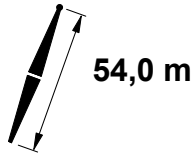
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	62,9	134,4	17 500	17 500									58,0
60,0	61,4	133,3	17 400	17 400									60,0
62,0	60,0	132,1	17 300	17 300									62,0
64,0	58,5	130,9	17 100	17 100									64,0
66,0	57,0	129,6	16 900	17 000									66,0
68,0	55,4	128,3	16 100	16 900									68,0
70,0	53,9	126,8	15 300	16 800	57,4	128,5	12 600	15 800					70,0
72,0	52,3	125,3	14 400	16 600	55,8	127,1	11 900	15 800					72,0
74,0	50,6	123,7	13 600	16 500	54,3	125,7	11 200	15 800					74,0
76,0	48,9	121,9	12 900	16 400	52,7	124,2	10 500	15 700					76,0
78,0	47,2	120,1	12 200	16 200	51,0	122,6	9 800	15 700					78,0
80,0	45,4	118,1	11 500	16 100	49,4	120,9	9 200	15 600	53,0	122,6	7 000	14 400	80,0
82,0	43,6	116,1	10 900	16 000	47,7	119,1	8 600	15 600	51,3	121,0	6 500	14 500	82,0
84,0	41,7	113,9	10 300	15 900	45,9	117,2	8 100	15 500	49,7	119,4	6 000	14 300	84,0
86,0	39,7	111,5	9 700	15 800	44,1	115,1	7 600	15 300	48,0	117,6	5 500	13 700	86,0
88,0	37,7	108,9	9 100	15 700	42,2	113,0	7 100	14 700	46,2	115,7	5 100	13 200	88,0
90,0	35,5	106,2	8 600	15 400	40,2	110,6	6 600	14 100	44,4	113,7		12 600	90,0
92,0	33,2	103,2	8 100	14 600	38,2	108,1	6 100	13 500	42,5	111,5		12 100	92,0
94,0	30,8	99,9	7 600	13 900	36,1	105,4	5 700	13 000	40,6	109,2		11 600	94,0
96,0	28,1	96,3	7 100	13 100	33,8	102,5	5 200	12 500	38,6	106,7		11 100	96,0
98,0	25,2	92,2	6 600	12 400	31,4	99,3	4 800	12 000	36,5	104,1		10 600	98,0
100,0	22,0	87,5	6 200	11 700	28,8	95,8		11 500	34,2	101,2		10 200	100,0
102,0	18,2	81,9	5 800	10 900	26,0	91,9		11 000	31,9	98,1		9 700	102,0
104,0	13,3	74,6	5 300	10 100	22,9	87,3		10 600	29,3	94,6		9 300	104,0
106,0					19,2	82,0		10 200	26,6	90,8		8 900	106,0
108,0					14,7	75,2		9 700	23,5	86,4		8 500	108,0
110,0									20,0	81,2		8 100	110,0
112,0									15,7	74,8		7 800	112,0
114,0									9,6	65,4		7 400	114,0

MLC300 VPC-MAX S-1

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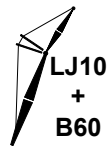
135 100 kg



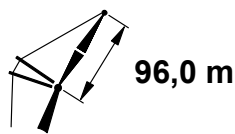
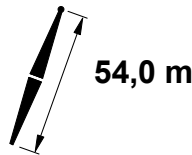
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	73,5	148,2	17 700	17 700									35,1
36,0	72,9	147,9	17 600	17 600									36,0
38,0	71,6	147,2	17 300	17 300									38,0
40,0	70,3	146,5	17 000	17 000	71,5	147,0	17 100	17 100					40,0
42,0	69,1	145,8	16 800	16 800	70,3	146,3	16 800	16 800					42,0
44,0	67,8	144,9	16 500	16 500	69,0	145,5	16 600	16 600					44,0
46,0	66,5	144,1	16 200	16 200	67,7	144,7	16 300	16 300					46,0
48,0	65,2	143,2	15 900	15 900	66,4	143,8	16 100	16 100	68,2	144,6	16 000	16 000	48,0
50,0	63,8	142,2	15 700	15 700	65,1	142,9	15 800	15 800	66,9	143,7	15 800	15 800	50,0
52,0	62,5	141,1	15 400	15 400	63,8	141,9	15 600	15 600	65,6	142,8	15 600	15 600	52,0
54,0	61,1	140,1	15 200	15 200	62,4	140,9	15 300	15 300	64,3	141,9	15 400	15 400	54,0
56,0	59,8	138,9	14 900	14 900	61,1	139,8	15 100	15 100	63,0	140,8	15 200	15 200	56,0
58,0	58,4	137,7	14 700	14 700	59,7	138,6	14 900	14 900	61,6	139,8	14 900	14 900	58,0
60,0	56,9	136,4	14 500	14 500	58,3	137,4	14 600	14 600	60,2	138,6	14 700	14 700	60,0
62,0	55,5	135,0	14 200	14 200	56,9	136,1	14 400	14 400	58,8	137,4	14 500	14 500	62,0
64,0	54,0	133,6	14 000	14 000	55,4	134,7	14 200	14 200	57,4	136,2	14 300	14 300	64,0
66,0	52,5	132,1	13 800	13 800	53,9	133,3	14 000	14 000	56,0	134,8	14 600	14 600	66,0
68,0	51,0	130,4	13 600	13 600	52,4	131,7	13 800	13 800	54,5	133,4	14 600	14 600	68,0
70,0	49,4	128,7	13 400	13 400	50,9	130,1	13 600	13 600	53,0	131,9	13 700	13 700	70,0
72,0	47,8	127,0	13 200	13 200	49,3	128,4	13 400	13 400	51,5	130,3	13 500	13 500	72,0
74,0	46,2	125,1	13 100	13 100	47,7	126,6	13 200	13 200	50,0	128,7	13 400	13 400	74,0
76,0	44,5	123,0	12 900	12 900	46,1	124,7	13 000	13 000	48,4	126,9	13 200	13 200	76,0
78,0	42,7	120,9	12 700	12 700	44,4	122,7	12 900	12 900	46,8	125,1	13 000	13 000	78,0
80,0	40,9	118,6	12 600	12 600	42,6	120,6	12 700	12 700	45,1	123,1	12 900	12 900	80,0
82,0	39,0	116,2	12 500	12 500	40,8	118,3	12 600	12 600	43,4	121,0	12 500	12 700	82,0
84,0	37,1	113,6	12 300	12 300	38,9	115,8	12 500	12 500	41,6	118,8	11 900	12 600	84,0
86,0	35,0	110,8	12 000	12 000	37,0	113,2	12 300	12 300	39,7	116,4	11 200	12 500	86,0
88,0	32,9	107,8	11 000	11 000	34,9	110,4	11 900	12 200	37,8	113,9	10 600	12 300	88,0
90,0	30,6	104,5	9 700	9 700	32,7	107,4	11 300	11 700	35,8	111,1	10 000	12 200	90,0
92,0	28,1	100,8	8 400	8 400	30,4	104,1	10 300	10 300	33,6	108,2	9 500	12 100	92,0
94,0	25,4	96,8	7 100	7 100	27,9	100,4	8 900	8 900	31,4	105,0	9 000	11 700	94,0
96,0	22,4	92,1	5 900	5 900	25,2	96,3	7 500	7 500	29,0	101,5	8 400	10 300	96,0
98,0					22,2	91,6	6 200	6 200	26,4	97,6	7 900	8 800	98,0
100,0					18,7	86,1	4 900	4 900	23,5	93,2	7 200	7 300	100,0
102,0									20,2	88,1	5 900	5 900	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0
120,0													120,0

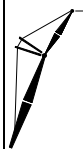
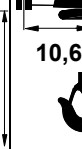
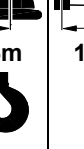
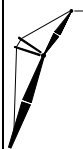
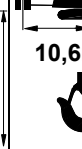
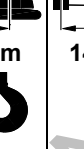
MLC300 VPC-MAX S-1

ASME B30.5



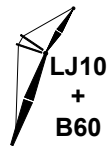
135 100 kg



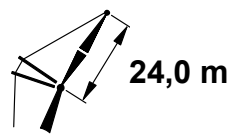
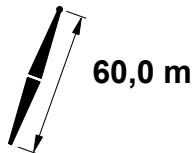
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	63,4	140,1	14 300	14 300								60,0
62,0	62,0	139,0	14 200	14 200								62,0
64,0	60,7	137,9	14 100	14 100								64,0
66,0	59,3	136,7	13 900	13 900								66,0
68,0	57,9	135,5	13 800	13 800								68,0
70,0	56,5	134,2	13 600	13 600								70,0
72,0	55,0	132,8	13 500	13 500	58,2	134,3	11 200	12 800				72,0
74,0	53,5	131,3	13 000	13 300	56,8	133,0	10 500	12 800				74,0
76,0	52,0	129,8	12 200	13 200	55,4	131,7	9 800	12 700				76,0
78,0	50,5	128,1	11 500	13 100	53,9	130,2	9 200	12 700				78,0
80,0	48,9	126,4	10 900	12 900	52,4	128,7	8 600	12 600				80,0
82,0	47,3	124,6	10 200	12 800	50,9	127,1	8 000	12 500				82,0
84,0	45,6	122,6	9 600	12 700	49,3	125,4	7 400	12 400	52,7	127,1	11 600	84,0
86,0	43,9	120,6	9 100	12 500	47,7	123,6	6 900	12 300	51,2	125,5	11 600	86,0
88,0	42,1	118,4	8 500	12 400	46,0	121,7	6 400	12 300	49,6	123,8	11 600	88,0
90,0	40,3	116,1	8 000	12 300	44,3	119,6	5 900	12 200	48,0	122,0	11 600	90,0
92,0	38,4	113,6	7 500	12 200	42,6	117,5	5 500	12 100	46,4	120,2	11 500	92,0
94,0	36,4	110,9	7 000	12 100	40,8	115,2	5 000	12 000	44,7	118,2	11 100	94,0
96,0	34,3	108,1	6 500	12 000	38,9	112,8	4 600	11 900	42,9	116,0	10 600	96,0
98,0	32,1	104,9	6 100	11 900	36,9	110,2		11 500	41,1	113,8	10 100	98,0
100,0	29,8	101,5	5 600	11 300	34,9	107,3		11 000	39,3	111,4	9 700	100,0
102,0	27,2	97,8	5 200	10 500	32,7	104,3		10 600	37,3	108,8	9 300	102,0
104,0	24,4	93,5	4 800	8 800	30,4	101,0		10 200	35,3	106,0	8 900	104,0
106,0	21,3	88,7		7 200	27,9	97,3		9 700	33,1	103,0	8 500	106,0
108,0	17,6	82,8		5 700	25,2	93,2		9 300	30,8	99,7	8 100	108,0
110,0					22,1	88,5		8 400	28,4	96,1	7 700	110,0
112,0					18,6	83,0		6 800	25,7	92,1	7 300	112,0
114,0					14,3	76,0		5 300	22,7	87,6	7 000	114,0
116,0									19,3	82,2	6 700	116,0
120,0									9,3	65,9	4 900	120,0

MLC300 VPC-MAX S-1

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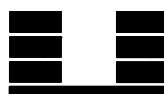
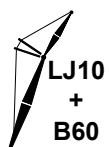
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2	73,0	85,1	124 200 d	124 200 d									15,2
16,0	71,1	84,8	121 700 d	121 700 d									16,0
18,0	65,9	83,9	109 700 c	109 700 c									18,0
20,0	60,4	82,8	97 100 b	97 100 b	66,1	83,7	116 400 c	116 800 c					20,0
22,0	54,6	81,4	87 400 b	87 400 b	60,7	82,6	103 200 b	106 100 b					22,0
24,0	48,3	79,7	79 700	79 700	54,9	81,3	92 500	94 800	63,8	82,8	88 800 b	111 000 b	24,0
26,0	41,3	77,6	73 400	73 400	48,7	79,6	83 700	85 900	58,2	81,6	80 300 b	101 000 b	26,0
28,0	33,0	74,7	68 700	68 700	41,7	77,4	76 300	79 000	52,3	80,1	73 300	92 300	28,0
30,0	21,8	70,5	65 300	65 300	33,4	74,6	70 000	73 400	45,7	78,2	67 300	84 800	30,0
32,0					22,5	70,5	64 500	69 300	38,3	75,8	62 000	78 300	32,0
34,0									29,2	72,6	57 500	72 700	34,0
36,0									15,3	67,1	53 400	67 600	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

MLC300 VPC-MAX S-1

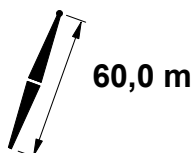
ASME B30.5



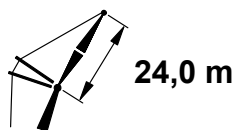
135 100 kg



360°



60,0 m

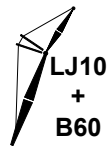


24,0 m

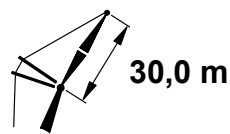
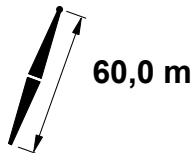
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	55,7	79,8	57 800	74 000									32,0
34,0	49,5	78,1	53 600	68 800									34,0
36,0	42,7	76,1	49 900	64 100									36,0
38,0	34,6	73,4	46 500	60 000	52,7	77,4	43 100	56 600					38,0
40,0	24,3	69,5	43 600	56 300	46,3	75,5	40 400	53 100					40,0
42,0					38,9	73,2	37 900	50 000					42,0
44,0					30,0	70,0	35 700	47 100	49,1	74,3	32 200	44 300	44,0
46,0									42,2	72,2	30 400	41 900	46,0
48,0									34,1	69,4	28 600	39 700	48,0
50,0									23,4	65,5	27 000	37 600	50,0

MLC300 VPC-MAX S-1

ASME B30.5



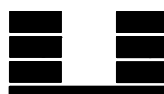
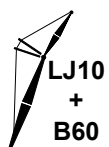
135 100 kg



	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
16,8	73,5	90,9	108 700 c	108 700 c									16,8
18,0	71,0	90,4	106 900 c	106 900 c									18,0
20,0	66,8	89,6	97 400 b	97 400 b	71,2	90,2	107 900 c	107 900 c					20,0
22,0	62,6	88,6	87 200 b	87 200 b	67,0	89,4	101 900 b	103 500 b					22,0
24,0	58,1	87,4	79 000	79 000	62,8	88,4	92 100	96 100					24,0
26,0	53,4	85,9	72 400	72 400	58,3	87,2	83 300	86 800	65,2	88,5	79 800 b	100 100 b	26,0
28,0	48,3	84,2	67 000	67 000	53,6	85,8	76 000	79 100	60,8	87,4	72 800	91 800	28,0
30,0	42,8	82,1	62 500	62 500	48,6	84,0	69 800	72 800	56,3	86,1	66 900	84 400	30,0
32,0	36,6	79,6	58 700	58 700	43,1	82,0	64 400	67 600	51,5	84,5	61 700	77 900	32,0
34,0	29,3	76,3	55 900	55 900	36,9	79,5	59 700	63 400	46,2	82,7	57 200	72 400	34,0
36,0	19,3	71,5	54 100	54 100	29,7	76,2	55 600	60 100	40,5	80,5	53 300	67 500	36,0
38,0					19,9	71,5	51 800	57 600	33,9	77,7	49 700	63 200	38,0
40,0									25,9	73,9	46 600	59 300	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
56,0													56,0

MLC300 VPC-MAX S-1

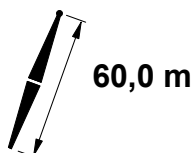
ASME B30.5



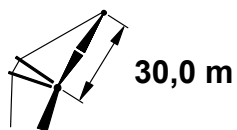
135 100 kg



360°



60,0 m

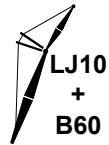


30,0 m

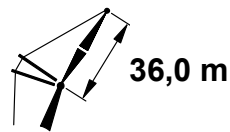
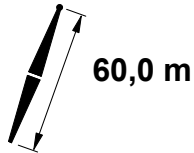
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,3	86,8	57 200	73 400									32,0
34,0	58,9	85,7	53 000	68 200									34,0
36,0	54,2	84,3	49 400	63 600									36,0
38,0	49,3	82,6	46 100	59 500									38,0
40,0	43,9	80,6	43 200	55 900	56,6	83,4	39 800	52 500					40,0
42,0	37,8	78,1	40 600	52 600	51,8	81,8	37 400	49 400					42,0
44,0	30,7	75,0	38 200	49 700	46,7	80,0	35 200	46 600					44,0
46,0	21,5	70,6	36 000	46 900	41,0	77,8	33 200	44 100	48,9	78,8	27 900	39 100	46,0
48,0					34,5	75,1	31 300	41 800	43,5	76,7	26 300	37 100	48,0
50,0					26,6	71,4	29 600	39 700	37,4	74,2	24 900	35 300	50,0
52,0									30,2	71,1	23 600	33 600	52,0
54,0													54,0
56,0									20,7	66,5	22 300	32 000	56,0

MLC300 VPC-MAX S-1

ASME B30.5



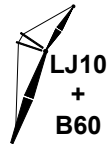
135 100 kg



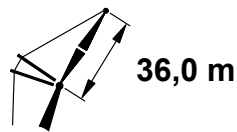
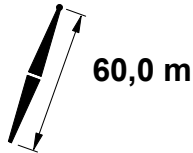
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,8	96,7	92 800 c	92 800 c									18,3
20,0	70,9	96,1	89 400 b	89 400 b									20,0
22,0	67,5	95,3	84 700 b	84 700 b									22,0
24,0	63,9	94,3	79 000	79 000	67,6	95,1	85 600	85 600					24,0
26,0	60,3	93,2	72 200	72 200	64,1	94,1	81 200	81 200					26,0
28,0	56,5	91,9	66 600	66 600	60,5	93,0	75 700	76 900	66,1	94,2	72 500	84 100	28,0
30,0	52,5	90,4	61 700	61 700	56,7	91,7	69 500	72 800	62,5	93,2	66 500	80 000	30,0
32,0	48,3	88,7	57 700	57 700	52,7	90,2	64 100	67 800	58,8	92,0	61 300	75 900	32,0
34,0	43,8	86,7	54 200	54 200	48,5	88,5	59 500	63 100	55,0	90,6	56 900	71 800	34,0
36,0	38,8	84,3	51 400	51 400	44,0	86,5	55 400	59 200	50,9	89,0	53 000	67 300	36,0
38,0	33,2	81,4	49 000	49 000	39,1	84,1	51 800	55 800	46,6	87,2	49 500	62 900	38,0
40,0	26,5	77,7	47 200	47 200	33,5	81,3	48 500	53 000	41,9	85,0	46 400	59 100	40,0
42,0	17,5	72,4	46 100	46 100	26,9	77,6	45 600	50 800	36,7	82,5	43 600	55 700	42,0
44,0					18,1	72,5	42 900	49 400	30,8	79,3	41 100	52 500	44,0
46,0									23,5	75,2	38 800	49 700	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

MLC300 VPC-MAX S-1

ASME B30.5



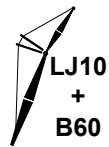
135 100 kg



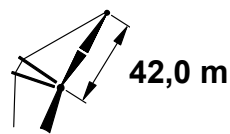
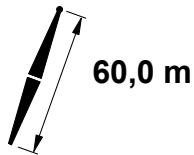
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,0	91,5	49 000	63 200									36,0
38,0	57,2	90,2	45 700	59 200									38,0
40,0	53,3	88,8	42 900	55 600									40,0
42,0	49,1	87,1	40 300	52 300									42,0
44,0	44,6	85,1	37 900	49 400	55,3	87,9	34 600	46 200					44,0
46,0	39,8	82,8	35 800	46 700	51,2	86,3	32 600	43 700					46,0
48,0	34,3	80,0	33 900	44 300	46,9	84,5	30 800	41 500					48,0
50,0	27,9	76,5	32 100	42 000	42,3	82,4	29 200	39 400					50,0
52,0	19,5	71,6	30 400	39 900	37,2	79,8	27 600	37 400	48,8	83,2	24 400	34 900	52,0
54,0					31,3	76,8	26 200	35 600	44,3	81,3	23 100	33 200	54,0
56,0					24,1	72,7	24 800	34 000	39,4	78,9	21 900	31 700	56,0
58,0									33,9	76,1	20 700	30 200	58,0
60,0									27,4	72,5	19 600	28 900	60,0
62,0									18,8	67,5	18 600	27 600	62,0

MLC300 VPC-MAX S-1

ASME B30.5



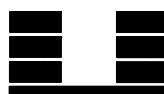
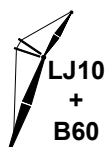
135 100 kg



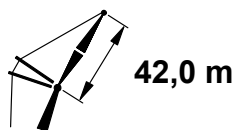
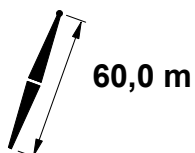
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	71,8	102,0	76 400	76 400									21,3
22,0	70,9	101,8	75 200	75 200									22,0
24,0	67,9	101,0	71 700	71 700									24,0
26,0	64,9	100,0	68 300	68 300	68,1	100,8	72 400	72 400					26,0
28,0	61,8	99,0	64 700	64 700	65,1	99,8	69 100	69 100					28,0
30,0	58,7	97,8	60 900	60 900	62,0	98,8	65 500	65 500	66,8	99,9	65 900	71 200	30,0
32,0	55,4	96,4	57 300	57 300	58,8	97,6	61 700	61 700	63,7	98,9	60 800	68 100	32,0
34,0	51,9	94,9	53 600	53 600	55,5	96,3	58 100	58 100	60,6	97,8	56 400	64 400	34,0
36,0	48,3	93,2	50 500	50 500	52,1	94,7	54 700	54 700	57,4	96,5	52 500	60 800	36,0
38,0	44,4	91,2	47 800	47 800	48,5	93,0	51 300	51 600	54,0	95,1	49 000	57 200	38,0
40,0	40,3	88,9	45 300	45 300	44,6	91,0	48 100	48 600	50,5	93,5	45 900	54 000	40,0
42,0	35,8	86,2	42 800	42 800	40,5	88,8	45 300	45 900	46,8	91,7	43 200	50 900	42,0
44,0	30,6	83,0	40 400	40 400	36,0	86,1	42 600	43 300	42,9	89,6	40 700	47 900	44,0
46,0	24,5	79,0	38 300	38 300	30,9	82,9	40 300	40 900	38,6	87,2	38 400	45 100	46,0
48,0	16,1	73,2	36 300	36 300	24,8	79,0	38 100	38 700	33,8	84,3	36 300	42 600	48,0
50,0					16,6	73,3	36 100	36 700	28,4	80,8	34 400	40 200	50,0
52,0									21,6	76,3	32 600	38 100	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

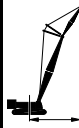
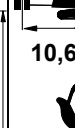
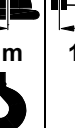
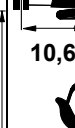
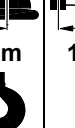
MLC300 VPC-MAX S-1

ASME B30.5



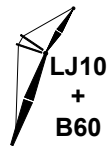
135 100 kg



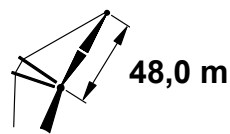
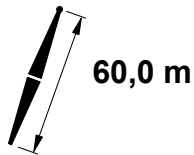
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,2	96,1	42 300	55 000									40,0
42,0	56,0	94,8	39 700	51 700									42,0
44,0	52,5	93,3	37 400	48 800									44,0
46,0	49,0	91,5	35 300	46 200	57,6	93,8	31 700	43 100					46,0
48,0	45,2	89,6	33 400	43 800	54,3	92,4	30 000	40 800					48,0
50,0	41,1	87,4	31 600	41 600	50,8	90,8	28 300	38 800					50,0
52,0	36,6	84,8	30 000	39 500	47,1	89,0	26 800	36 900					52,0
54,0	31,6	81,7	28 500	37 700	43,2	86,9	25 400	35 100	52,3	89,4	22 200	32 600	54,0
56,0	25,7	77,9	27 100	35 900	38,9	84,5	24 100	33 500	48,7	87,7	21 000	31 100	56,0
58,0	17,9	72,6	25 800	34 300	34,2	81,7	22 900	32 000	44,9	85,8	19 900	29 700	58,0
60,0					28,8	78,3	21 700	30 500	40,8	83,5	18 900	28 300	60,0
62,0					22,2	73,9	20 600	29 200	36,3	80,9	17 900	27 100	62,0
64,0					12,4	67,0	19 500	27 900	31,2	77,8	17 000	25 900	64,0
66,0									25,2	73,9	16 100	24 800	66,0
68,0									17,3	68,4	15 300	23 800	68,0

MLC300 VPC-MAX S-1

ASME B30.5



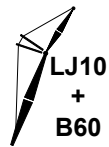
135 100 kg



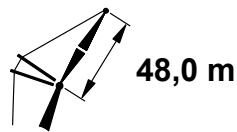
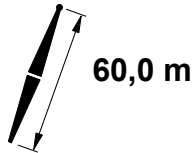
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,3	107,8	63 200	63 200									22,9
24,0	70,8	107,4	61 700	61 700									24,0
26,0	68,3	106,6	58 900	58 900	70,9	107,2	62 100	62 100					26,0
28,0	65,6	105,7	56 300	56 300	68,4	106,4	59 500	59 500					28,0
30,0	63,0	104,7	53 600	53 600	65,8	105,5	56 900	56 900					30,0
32,0	60,2	103,6	50 900	50 900	63,1	104,5	54 300	54 300	67,2	105,5	58 500	58 500	32,0
34,0	57,4	102,3	48 200	48 200	60,4	103,4	51 600	51 600	64,6	104,6	55 700	56 100	34,0
36,0	54,5	100,9	45 500	45 500	57,5	102,2	48 800	48 800	61,9	103,6	51 800	53 600	36,0
38,0	51,5	99,4	43 000	43 000	54,6	100,8	46 200	46 200	59,1	102,4	48 400	50 900	38,0
40,0	48,3	97,6	40 600	40 600	51,6	99,2	43 600	43 600	56,3	101,1	45 300	48 200	40,0
42,0	44,9	95,7	38 200	38 200	48,4	97,5	41 100	41 100	53,3	99,6	42 600	45 600	42,0
44,0	41,4	93,5	36 000	36 000	45,1	95,5	38 700	38 700	50,2	98,0	40 100	43 000	44,0
46,0	37,5	90,9	33 900	33 900	41,6	93,3	36 500	36 500	47,0	96,2	37 800	40 500	46,0
48,0	33,3	88,0	32 000	32 000	37,7	90,8	34 400	34 400	43,6	94,1	35 800	38 200	48,0
50,0	28,5	84,5	30 200	30 200	33,5	87,9	32 400	32 400	39,9	91,8	33 900	36 000	50,0
52,0	22,8	80,2	28 500	28 500	28,8	84,5	30 500	30 500	36,0	89,1	32 200	33 900	52,0
54,0	15,0	74,0	26 900	26 900	23,1	80,2	28 800	28 800	31,5	86,0	30 600	32 000	54,0
56,0					15,5	74,1	27 200	27 200	26,5	82,2	29 100	30 100	56,0
58,0									20,2	77,4	27 700	28 400	58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0

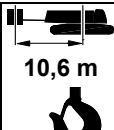
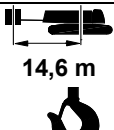
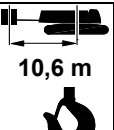
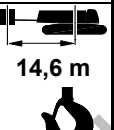
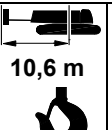
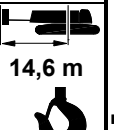
MLC300 VPC-MAX S-1

ASME B30.5



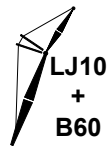
135 100 kg



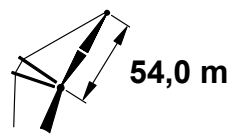
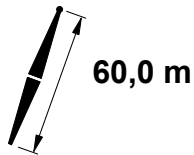
	 75°				 70°				 65°				
			 10,6 m 	 14,6 m 			 10,6 m 	 14,6 m 			 10,6 m 	 14,6 m 	
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	63,5	103,0	41 600	54 300									40,0
42,0	60,7	101,9	39 000	51 100									42,0
44,0	57,9	100,7	36 700	48 200									44,0
46,0	55,0	99,3	34 600	45 500									46,0
48,0	52,0	97,7	32 700	43 200									48,0
50,0	48,9	96,0	31 000	41 000	56,5	98,4	27 400	38 100					50,0
52,0	45,6	94,1	29 400	38 900	53,6	96,9	25 900	36 200					52,0
54,0	42,0	91,9	27 900	37 100	50,5	95,3	24 500	34 400					54,0
56,0	38,3	89,5	26 500	35 400	47,3	93,5	23 200	32 800					56,0
58,0	34,1	86,6	25 200	33 600	43,9	91,4	22 000	31 300	51,8	93,9	19 000	29 000	58,0
60,0	29,5	83,3	23 900	31 600	40,2	89,1	20 900	29 900	48,7	92,2	18 000	27 700	60,0
62,0	23,9	79,1	22 700	29 900	36,3	86,5	19 900	28 600	45,3	90,3	17 000	26 400	62,0
64,0	16,7	73,4	21 600	28 200	31,9	83,4	18 900	27 400	41,8	88,1	16 100	25 300	64,0
66,0					26,9	79,7	17 900	26 300	38,0	85,6	15 300	24 200	66,0
68,0					20,7	75,0	17 000	25 100	33,8	82,7	14 500	23 200	68,0
70,0					11,5	67,5	16 100	24 100	29,1	79,3	13 700	22 200	70,0
72,0									23,5	75,1	13 000	21 300	72,0
74,0									16,1	69,2	12 300	20 400	74,0

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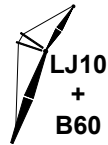
135 100 kg



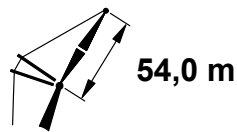
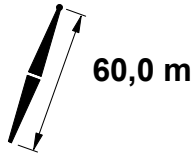
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,6	113,6	56 000	56 000									24,4
26,0	70,8	113,1	54 900	54 900									26,0
28,0	68,5	112,3	52 600	52 600	70,9	112,9	55 000	55 000					28,0
30,0	66,2	111,4	50 200	50 200	68,6	112,1	53 000	53 000					30,0
32,0	63,8	110,5	47 800	47 800	66,3	111,2	50 700	50 700					32,0
34,0	61,4	109,4	45 500	45 500	64,0	110,3	48 400	48 400	67,6	111,2	52 000	52 000	34,0
36,0	59,0	108,2	43 300	43 300	61,5	109,2	46 100	46 100	65,3	110,3	49 900	49 900	36,0
38,0	56,4	106,9	41 100	41 100	59,1	108,0	43 900	43 900	62,9	109,3	47 800	47 800	38,0
40,0	53,8	105,5	39 000	39 000	56,5	106,7	41 700	41 700	60,5	108,2	44 800	45 600	40,0
42,0	51,1	103,9	36 900	36 900	53,9	105,3	39 600	39 600	58,0	107,0	42 000	43 400	42,0
44,0	48,3	102,1	34 900	34 900	51,2	103,7	37 500	37 500	55,4	105,6	39 600	41 300	44,0
46,0	45,3	100,2	33 000	33 000	48,4	102,0	35 400	35 400	52,8	104,1	37 300	39 100	46,0
48,0	42,2	98,0	31 200	31 200	45,5	100,0	33 500	33 500	50,0	102,5	35 300	37 100	48,0
50,0	38,9	95,6	29 500	29 500	42,4	97,9	31 600	31 600	47,1	100,6	33 400	35 100	50,0
52,0	35,3	92,9	27 800	27 800	39,0	95,5	29 900	29 900	44,1	98,6	31 700	33 100	52,0
54,0	31,3	89,7	26 300	26 300	35,5	92,8	28 200	28 200	40,9	96,4	30 100	31 300	54,0
56,0	26,8	86,0	24 800	24 800	31,5	89,6	26 600	26 600	37,5	93,8	28 600	29 500	56,0
58,0	21,4	81,3	23 400	23 400	27,1	85,9	25 100	25 100	33,8	91,0	27 300	27 900	58,0
60,0	14,1	74,7	22 100	22 100	21,7	81,3	23 700	23 700	29,7	87,6	26 000	26 300	60,0
62,0					14,6	74,9	22 400	22 400	24,9	83,6	24 800	24 800	62,0
64,0									19,0	78,4	23 400	23 400	64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0

MLC300 VPC-MAX S-1

ASME B30.5



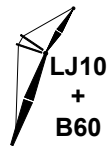
135 100 kg



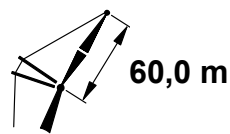
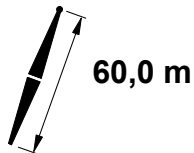
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	61,9	107,7	36 100	46 500									44,0
46,0	59,4	106,5	34 000	44 600									46,0
48,0	56,9	105,2	32 100	42 600									48,0
50,0	54,3	103,8	30 300	40 400									50,0
52,0	51,6	102,2	28 700	38 400	58,2	104,2	25 000	35 500					52,0
54,0	48,8	100,5	27 100	36 500	55,6	102,9	23 600	33 800					54,0
56,0	45,9	98,6	25 700	34 700	53,0	101,4	22 400	32 200					56,0
58,0	42,8	96,5	24 400	32 800	50,2	99,8	21 200	30 700					58,0
60,0	39,5	94,1	23 200	31 000	47,4	98,0	20 100	29 400					60,0
62,0	36,0	91,4	22 100	29 300	44,4	95,9	19 100	28 100	51,4	98,4	16 100	25 800	62,0
64,0	32,1	88,4	21 000	27 700	41,2	93,7	18 100	26 800	48,6	96,7	15 300	24 700	64,0
66,0	27,7	84,8	20 000	26 100	37,8	91,2	17 200	25 700	45,7	94,8	14 400	23 600	66,0
68,0	22,5	80,3	19 000	24 700	34,1	88,4	16 300	24 600	42,6	92,6	13 700	22 600	68,0
70,0	15,7	74,2	18 000	23 300	30,0	85,0	15 500	23 600	39,3	90,2	12 900	21 700	70,0
72,0					25,3	81,1	14 700	22 700	35,7	87,6	12 200	20 800	72,0
74,0					19,5	76,0	13 900	21 800	31,8	84,5	11 600	19 900	74,0
76,0					10,8	68,1	13 200	20 900	27,4	80,8	10 900	19 100	76,0
78,0									22,1	76,3	10 300	18 400	78,0
80,0									15,2	70,0	9 700	17 600	80,0

MLC300 VPC-MAX S-1

ASME B30.5



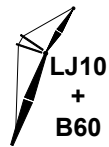
135 100 kg



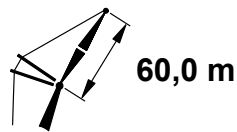
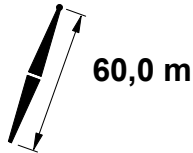
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	72,9	119,4	47 100	47 100									25,9
26,0	72,8	119,4	47 100	47 100									26,0
28,0	70,8	118,7	47 100	47 100									28,0
30,0	68,7	118,0	46 900	46 900	70,9	118,5	46 600	46 600					30,0
32,0	66,6	117,1	46 600	46 600	68,8	117,8	46 700	46 700					32,0
34,0	64,5	116,2	45 300	45 300	66,7	116,9	46 600	46 600					34,0
36,0	62,4	115,1	43 900	43 900	64,6	116,0	45 900	45 900	67,9	116,9	45 400	45 400	36,0
38,0	60,2	114,0	42 600	42 600	62,5	115,0	44 600	44 600	65,8	116,0	45 600	45 600	38,0
40,0	57,9	112,8	41 300	41 300	60,3	113,8	43 300	43 300	63,7	115,0	44 400	45 600	40,0
42,0	55,6	111,4	39 800	39 800	58,0	112,6	42 000	42 000	61,5	114,0	41 600	44 500	42,0
44,0	53,3	110,0	38 100	38 100	55,7	111,2	40 700	40 700	59,3	112,8	39 200	43 300	44,0
46,0	50,8	108,3	36 300	36 300	53,4	109,8	39 000	39 400	57,1	111,5	36 900	42 200	46,0
48,0	48,3	106,6	34 600	34 600	50,9	108,2	36 800	38 100	54,7	110,1	34 900	40 900	48,0
50,0	45,6	104,7	33 000	33 000	48,4	106,4	34 900	36 900	52,3	108,6	33 000	39 700	50,0
52,0	42,8	102,6	31 400	31 400	45,8	104,5	33 100	35 600	49,8	106,9	31 300	38 400	52,0
54,0	39,9	100,2	29 900	29 900	43,0	102,4	31 500	34 300	47,3	105,1	29 800	37 100	54,0
56,0	36,8	97,6	28 500	28 500	40,1	100,1	29 900	33 000	44,6	103,1	28 300	35 900	56,0
58,0	33,4	94,7	27 300	27 300	36,9	97,5	28 500	31 700	41,7	100,9	26 900	34 600	58,0
60,0	29,6	91,3	26 100	26 100	33,6	94,6	27 200	30 300	38,7	98,5	25 700	33 300	60,0
62,0	25,4	87,3	25 200	25 200	29,8	91,2	25 900	28 700	35,5	95,8	24 500	31 700	62,0
64,0	20,3	82,4	24 300	24 300	25,6	87,3	24 800	27 200	32,0	92,7	23 400	30 000	64,0
66,0	13,4	75,4	22 900	22 900	20,6	82,4	23 700	25 700	28,1	89,1	22 300	28 400	66,0
68,0					13,8	75,6	22 600	24 000	23,5	84,8	21 300	26 900	68,0
70,0									17,9	79,3	20 300	25 400	70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0

MLC300 VPC-MAX S-1

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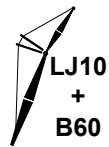
135 100 kg



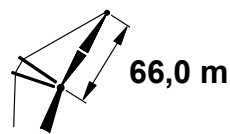
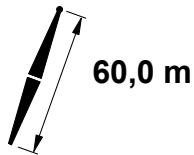
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,8	113,4	33 400	42 600									46,0
48,0	60,6	112,3	31 400	42 100									48,0
50,0	58,3	111,1	29 700	39 900									50,0
52,0	56,1	109,7	28 100	37 900									52,0
54,0	53,7	108,3	26 600	36 100									54,0
56,0	51,3	106,7	25 200	34 400	57,2	108,8	21 800	31 800					56,0
58,0	48,7	105,0	23 900	32 800	54,9	107,4	20 600	30 300					58,0
60,0	46,1	103,1	22 700	31 400	52,5	105,9	19 500	28 900					60,0
62,0	43,4	101,0	21 600	30 000	50,0	104,2	18 500	27 600					62,0
64,0	40,5	98,7	20 500	28 700	47,5	102,4	17 500	26 400	53,5	104,4	14 600	24 200	64,0
66,0	37,4	96,2	19 500	27 500	44,8	100,5	16 600	25 300	51,1	102,9	13 800	23 100	66,0
68,0	34,0	93,3	18 500	26 400	42,0	98,3	15 800	24 300	48,6	101,2	13 000	22 200	68,0
70,0	30,4	90,0	17 600	25 300	39,0	95,9	15 000	23 300	45,9	99,3	12 300	21 200	70,0
72,0	26,2	86,2	16 800	24 300	35,8	93,2	14 200	22 300	43,2	97,2	11 700	20 400	72,0
74,0	21,3	81,4	16 000	23 400	32,3	90,1	13 500	21 400	40,3	94,9	11 000	19 500	74,0
76,0	14,9	75,0	15 200	22 400	28,4	86,6	12 800	20 600	37,1	92,3	10 400	18 700	76,0
78,0					23,9	82,3	12 100	19 800	33,8	89,4	9 800	18 000	78,0
80,0					18,4	77,0	11 500	19 000	30,1	86,1	9 200	17 300	80,0
82,0					10,3	68,6	10 800	18 200	25,9	82,2	8 700	16 600	82,0
84,0									20,9	77,4	8 200	15 900	84,0
86,0									14,4	70,8	7 600	15 300	86,0

MLC300 VPC-MAX S-1

ASME B30.5



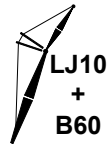
135 100 kg



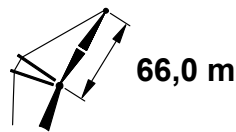
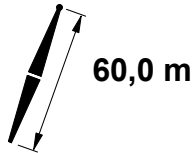
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	73,1	125,2	39 800	39 800									27,4
28,0	72,6	125,1	39 800	39 800									28,0
30,0	70,7	124,4	39 700	39 700									30,0
32,0	68,9	123,6	39 500	39 500	70,8	124,2	39 300	39 300					32,0
34,0	67,0	122,8	39 300	39 300	69,0	123,4	39 300	39 300					34,0
36,0	65,1	121,9	39 100	39 100	67,1	122,6	39 200	39 200					36,0
38,0	63,1	120,8	38 800	38 800	65,2	121,7	39 100	39 100					38,0
40,0	61,2	119,8	37 700	37 700	63,2	120,7	38 900	38 900	66,3	121,7	38 200	38 200	40,0
42,0	59,1	118,6	36 400	36 400	61,3	119,6	38 300	38 300	64,3	120,7	38 200	38 200	42,0
44,0	57,1	117,3	35 100	35 100	59,2	118,4	37 000	37 000	62,4	119,7	38 300	38 300	44,0
46,0	55,0	115,9	33 800	33 800	57,2	117,1	35 800	35 800	60,4	118,6	36 400	38 100	46,0
48,0	52,8	114,4	32 500	32 500	55,1	115,7	34 500	34 500	58,3	117,3	34 400	37 000	48,0
50,0	50,6	112,8	31 200	31 200	52,9	114,2	33 200	33 200	56,3	116,0	32 500	35 800	50,0
52,0	48,2	111,0	29 800	29 800	50,7	112,6	32 000	32 000	54,1	114,6	30 800	34 600	52,0
54,0	45,8	109,1	28 500	28 500	48,4	110,9	30 700	30 700	51,9	113,1	29 200	33 400	54,0
56,0	43,3	107,0	27 300	27 300	46,0	109,0	29 400	29 500	49,7	111,4	27 800	32 100	56,0
58,0	40,7	104,8	26 100	26 100	43,5	106,9	28 000	28 200	47,3	109,6	26 400	30 900	58,0
60,0	37,9	102,2	25 000	25 000	40,8	104,6	26 700	27 100	44,9	107,6	25 200	29 600	60,0
62,0	34,9	99,5	23 900	23 900	38,1	102,1	25 500	25 800	42,3	105,4	24 000	28 400	62,0
64,0	31,7	96,3	23 000	23 000	35,1	99,4	24 300	24 600	39,6	103,1	22 800	27 200	64,0
66,0	28,2	92,7	21 900	21 900	31,9	96,2	23 300	23 500	36,8	100,5	21 700	25 900	66,0
68,0	24,1	88,5	20 700	20 700	28,3	92,7	22 200	22 300	33,7	97,5	20 700	24 700	68,0
70,0	19,2	83,3	19 700	19 700	24,3	88,5	21 200	21 200	30,4	94,3	19 700	23 500	70,0
72,0	12,6	75,9	18 400	18 400	19,5	83,4	20 100	20 100	26,7	90,5	18 800	22 400	72,0
74,0					13,0	76,1	19 100	19 100	22,3	85,9	17 900	21 300	74,0
76,0									17,0	80,1	17 100	20 200	76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0

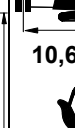
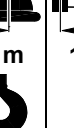
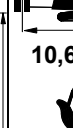
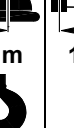
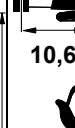
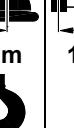
MLC300 VPC-MAX S-1

ASME B30.5



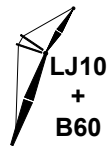
135 100 kg



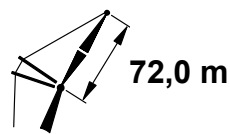
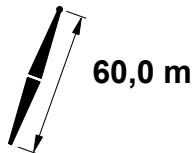
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4																		27,4
28,0																		28,0
30,0																		30,0
32,0																		32,0
34,0																		34,0
36,0																		36,0
38,0																		38,0
40,0																		40,0
42,0																		42,0
44,0																		44,0
46,0																		46,0
48,0																		48,0
50,0	61,5	118,0	28 800	35 700														50,0
52,0	59,5	116,9	27 200	36 000														52,0
54,0	57,5	115,6	25 800	35 500														54,0
56,0	55,4	114,2	24 400	33 800														56,0
58,0	53,2	112,8	23 100	32 300	58,5	114,6	19 700	29 600										58,0
60,0	51,0	111,2	21 900	30 800	56,4	113,3	18 600	28 300										60,0
62,0	48,7	109,4	20 800	29 400	54,3	111,9	17 600	27 000										62,0
64,0	46,3	107,5	19 700	28 200	52,1	110,3	16 700	25 800										64,0
66,0	43,8	105,5	18 700	27 000	49,8	108,7	15 800	24 700										66,0
68,0	41,2	103,2	17 800	25 900	47,5	106,9	15 000	23 700										68,0
70,0	38,4	100,8	16 900	24 800	45,1	104,9	14 200	22 700	50,8	107,3	11 500	20 600					70,0	
72,0	35,5	98,0	16 100	23 800	42,5	102,8	13 400	21 700	48,5	105,6	10 800	19 700					72,0	
74,0	32,3	95,0	15 300	22 900	39,9	100,4	12 700	20 900	46,1	103,7	10 200	18 900					74,0	
76,0	28,8	91,5	14 600	22 000	37,0	97,8	12 000	20 000	43,6	101,6	9 600	18 100					76,0	
78,0	24,9	87,4	13 800	21 100	34,0	94,9	11 400	19 200	41,0	99,4	9 000	17 400					78,0	
80,0	20,2	82,4	13 100	20 300	30,7	91,7	10 800	18 500	38,2	96,9	8 400	16 700					80,0	
82,0	14,1	75,6	12 500	19 500	27,0	87,9	10 200	17 800	35,3	94,2	7 900	16 000					82,0	
84,0					22,7	83,5	9 600	17 100	32,1	91,1	7 400	15 400					84,0	
86,0					17,5	77,8	9 100	16 400	28,6	87,5	6 900	14 800					86,0	
88,0					9,6	68,9	8 500	15 700	24,6	83,4	6 500	14 200					88,0	
90,0									19,9	78,3	6 000	13 600					90,0	
92,0									13,5	71,3	5 600	13 100					92,0	

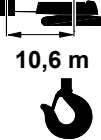
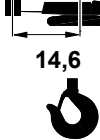
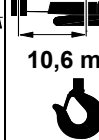
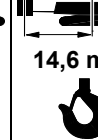
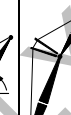
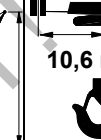
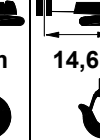
MLC300 VPC-MAX S-1

ASME B30.5



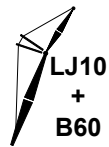
135 100 kg



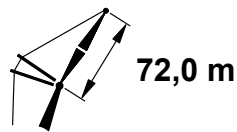
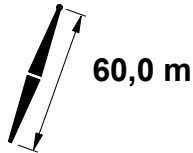
	 85°					 83°					 80°					
	 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m		
29,0	73,3	131,1	33 800	33 800											29,0	
30,0	72,4	130,7	33 700	33 700											30,0	
32,0	70,7	130,0	33 500	33 500											32,0	
34,0	69,0	129,3	33 300	33 300	70,8	129,8	33 100	33 100							34,0	
36,0	67,3	128,4	33 100	33 100	69,1	129,1	33 100	33 100							36,0	
38,0	65,5	127,5	32 900	32 900	67,4	128,2	32 900	32 900							38,0	
40,0	63,8	126,6	32 600	32 600	65,6	127,4	32 800	32 800	68,3	128,2	31 900	31 900			40,0	
42,0	62,0	125,5	32 400	32 400	63,9	126,4	32 600	32 600	66,6	127,4	32 000	32 000			42,0	
44,0	60,1	124,4	32 000	32 000	62,1	125,3	32 400	32 400	64,9	126,4	32 000	32 000			44,0	
46,0	58,3	123,2	31 100	31 100	60,2	124,2	32 200	32 200	63,1	125,4	31 900	31 900			46,0	
48,0	56,4	121,8	30 100	30 100	58,4	123,0	31 700	31 700	61,3	124,3	31 800	31 800			48,0	
50,0	54,4	120,4	29 000	29 000	56,5	121,7	30 700	30 700	59,4	123,2	31 800	31 800			50,0	
52,0	52,4	118,9	28 000	28 000	54,5	120,3	29 600	29 600	57,5	121,9	30 300	31 600			52,0	
54,0	50,4	117,3	26 900	26 900	52,5	118,7	28 600	28 600	55,6	120,6	28 800	30 800			54,0	
56,0	48,2	115,5	25 800	25 800	50,5	117,1	27 500	27 500	53,7	119,1	27 300	29 800			56,0	
58,0	46,0	113,6	24 700	24 700	48,3	115,3	26 400	26 400	51,6	117,5	25 900	28 800			58,0	
60,0	43,8	111,5	23 600	23 600	46,2	113,5	25 300	25 300	49,6	115,9	24 600	27 700			60,0	
62,0	41,4	109,3	22 500	22 500	43,9	111,4	24 200	24 200	47,4	114,0	23 400	26 600			62,0	
64,0	38,9	106,9	21 400	21 400	41,5	109,2	23 100	23 100	45,2	112,1	22 300	25 500			64,0	
66,0	36,2	104,2	20 300	20 300	39,0	106,8	21 900	21 900	42,9	110,0	21 200	24 300			66,0	
68,0	33,4	101,3	19 200	19 200	36,4	104,1	20 800	20 800	40,4	107,7	20 200	23 200			68,0	
70,0	30,3	98,0	18 100	18 100	33,5	101,2	19 700	19 700	37,9	105,1	19 200	22 000			70,0	
72,0	26,9	94,2	17 100	17 100	30,5	97,9	18 600	18 600	35,1	102,4	18 300	20 900			72,0	
74,0	23,0	89,8	16 100	16 100	27,1	94,1	17 500	17 500	32,2	99,3	17 400	19 700			74,0	
76,0	18,4	84,3	15 200	15 200	23,2	89,7	16 500	16 500	29,0	95,8	16 600	18 600			76,0	
78,0	12,1	76,6	14 300	14 300	18,6	84,3	15 500	15 500	25,5	91,8	15 800	17 500			78,0	
80,0					12,4	76,8	14 600	14 600	21,4	87,0	15 100	16 500			80,0	
82,0									16,2	80,9	14 300	15 500			82,0	
84,0															84,0	
86,0															86,0	
88,0															88,0	
90,0															90,0	
92,0															92,0	
94,0															94,0	
96,0															96,0	
98,0															98,0	

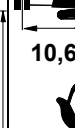
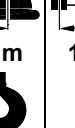
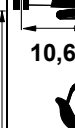
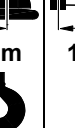
MLC300 VPC-MAX S-1

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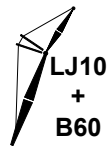
135 100 kg



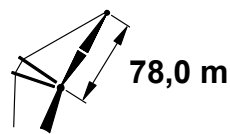
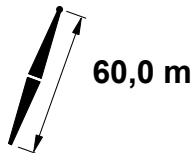
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	62,3	123,8	26 600	29 600									52,0
54,0	60,5	122,7	25 100	29 800									54,0
56,0	58,6	121,4	23 700	30 000									56,0
58,0	56,7	120,1	22 400	30 100									58,0
60,0	54,8	118,7	21 300	30 000									60,0
62,0	52,8	117,2	20 100	29 000	57,7	119,2	16 900	26 500					62,0
64,0	50,7	115,6	19 100	27 700	55,8	117,8	16 000	25 300					64,0
66,0	48,6	113,9	18 100	26 500	53,8	116,4	15 100	24 200					66,0
68,0	46,5	112,0	17 200	25 400	51,8	114,8	14 300	23 200					68,0
70,0	44,2	110,0	16 300	24 400	49,7	113,2	13 500	22 200					70,0
72,0	41,8	107,8	15 500	23 400	47,6	111,4	12 800	21 300	52,7	113,4	10 100	19 200	72,0
74,0	39,3	105,4	14 700	22 400	45,3	109,4	12 100	20 400	50,6	111,8	9 500	18 400	74,0
76,0	36,7	102,8	14 000	21 600	43,0	107,3	11 400	19 600	48,5	110,1	8 900	17 600	76,0
78,0	33,9	99,9	13 300	20 700	40,6	105,0	10 800	18 800	46,3	108,2	8 300	16 900	78,0
80,0	30,9	96,7	12 600	19 800	38,1	102,5	10 200	18 000	44,0	106,1	7 800	16 200	80,0
82,0	27,6	93,0	12 000	18 800	35,4	99,8	9 600	17 300	41,7	103,9	7 300	15 600	82,0
84,0	23,8	88,7	11 300	17 700	32,5	96,7	9 000	16 700	39,2	101,5	6 800	14 900	84,0
86,0	19,3	83,4	10 700	16 600	29,3	93,3	8 500	16 000	36,5	98,9	6 300	14 300	86,0
88,0	13,4	76,3	10 200	15 700	25,8	89,3	8 000	15 400	33,7	96,0	5 900	13 800	88,0
90,0					21,7	84,6	7 500	14 800	30,7	92,7	5 400	13 200	90,0
92,0					16,7	78,6	7 000	14 200	27,3	89,0	5 000	12 700	92,0
94,0					9,2	69,4	6 500	13 600	23,5	84,7	4 600	12 200	94,0
96,0									19,0	79,3		11 700	96,0
98,0									12,9	72,0		11 200	98,0

MLC300 VPC-MAX S-1

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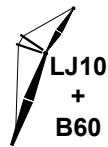
135 100 kg



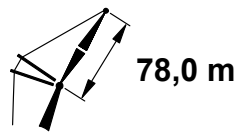
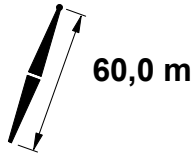
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,4	136,9	28 300	28 300									30,5
32,0	72,3	136,4	28 200	28 200									32,0
34,0	70,7	135,7	28 000	28 000									34,0
36,0	69,1	134,9	27 800	27 800	70,8	135,5	27 700	27 700					36,0
38,0	67,5	134,1	27 600	27 600	69,2	134,7	27 500	27 500					38,0
40,0	65,9	133,2	27 300	27 300	67,6	133,9	27 400	27 400					40,0
42,0	64,3	132,3	27 100	27 100	66,0	133,0	27 400	27 400					42,0
44,0	62,7	131,3	26 800	26 800	64,4	132,1	27 000	27 000	66,9	133,0	26 500	26 500	44,0
46,0	61,0	130,2	26 600	26 600	62,7	131,1	26 800	26 800	65,3	132,1	26 500	26 500	46,0
48,0	59,3	129,0	26 300	26 300	61,1	130,0	26 600	26 600	63,7	131,2	26 400	26 400	48,0
50,0	57,5	127,7	26 000	26 000	59,4	128,8	26 400	26 400	62,0	130,1	26 300	26 300	50,0
52,0	55,8	126,4	25 100	25 100	57,6	127,5	26 200	26 200	60,3	129,0	26 100	26 100	52,0
54,0	54,0	124,9	24 100	24 100	55,9	126,2	25 600	25 600	58,6	127,8	26 000	26 000	54,0
56,0	52,1	123,4	23 200	23 200	54,0	124,8	24 700	24 700	56,9	126,5	25 900	25 900	56,0
58,0	50,2	121,7	22 200	22 200	52,2	123,2	23 700	23 700	55,1	125,1	25 200	25 700	58,0
60,0	48,2	120,0	21 200	21 200	50,3	121,6	22 700	22 700	53,2	123,6	23 900	24 800	60,0
62,0	46,2	118,1	20 100	20 100	48,3	119,8	21 700	21 700	51,4	122,0	22 700	23 800	62,0
64,0	44,1	116,1	19 100	19 100	46,3	117,9	20 600	20 600	49,4	120,3	21 500	22 800	64,0
66,0	41,9	113,9	18 000	18 000	44,2	115,9	19 600	19 600	47,5	118,5	20 500	21 800	66,0
68,0	39,7	111,5	17 000	17 000	42,1	113,7	18 500	18 500	45,4	116,6	19 500	20 700	68,0
70,0	37,3	108,9	15 900	15 900	39,8	111,4	17 400	17 400	43,3	114,5	18 500	19 600	70,0
72,0	34,7	106,1	14 900	14 900	37,4	108,8	16 400	16 400	41,1	112,2	17 600	18 500	72,0
74,0	32,0	103,0	13 900	13 900	34,9	106,0	15 300	15 300	38,8	109,8	16 700	17 400	74,0
76,0	29,1	99,5	12 900	12 900	32,2	102,9	14 300	14 300	36,3	107,1	15 900	16 300	76,0
78,0	25,8	95,6	12 000	12 000	29,2	99,5	13 300	13 300	33,7	104,2	15 100	15 300	78,0
80,0	22,1	90,9	11 100	11 100	26,0	95,5	12 300	12 300	30,9	101,0	14 200	14 200	80,0
82,0	17,7	85,2	10 200	10 200	22,3	90,9	11 300	11 300	27,9	97,3	13 200	13 200	82,0
84,0	11,6	77,2	9 400	9 400	17,9	85,3	10 400	10 400	24,4	93,1	12 200	12 200	84,0
86,0					11,9	77,4	9 600	9 600	20,5	88,1	11 200	11 200	86,0
88,0									15,6	81,7	10 300	10 300	88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0

MLC300 VPC-MAX S-1

ASME B30.5



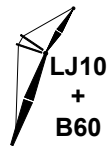
135 100 kg



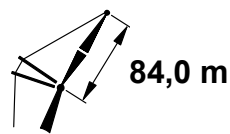
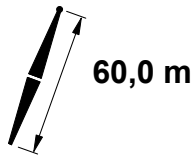
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	63,0	129,5	24 100	24 500									54,0
56,0	61,3	128,4	22 900	24 500									56,0
58,0	59,6	127,3	21 600	24 600									58,0
60,0	57,9	126,0	20 400	24 600									60,0
62,0	56,1	124,7	19 300	24 600									62,0
64,0	54,3	123,3	18 300	24 600	58,7	125,0	15 100	22 300					64,0
66,0	52,4	121,7	17 300	24 500	57,0	123,7	14 300	22 600					66,0
68,0	50,6	120,1	16 400	23 700	55,2	122,4	13 500	22 400					68,0
70,0	48,6	118,4	15 600	22 800	53,4	120,9	12 700	21 600					70,0
72,0	46,6	116,5	14 800	21 800	51,5	119,3	12 000	20 700					72,0
74,0	44,5	114,5	14 000	20 800	49,6	117,6	11 300	19 800					74,0
76,0	42,3	112,3	13 200	19 700	47,6	115,8	10 600	19 000	52,3	117,9	8 000	17 000	76,0
78,0	40,1	110,0	12 600	18 600	45,6	113,9	10 000	18 200	50,4	116,3	7 500	16 300	78,0
80,0	37,7	107,5	11 900	17 500	43,5	111,8	9 400	17 500	48,5	114,5	7 000	15 600	80,0
82,0	35,2	104,7	11 300	16 400	41,3	109,6	8 800	16 800	46,5	112,7	6 400	14 900	82,0
84,0	32,5	101,6	10 700	15 300	38,9	107,1	8 300	16 100	44,4	110,7	6 000	14 300	84,0
86,0	29,6	98,2	10 100	14 300	36,5	104,5	7 800	15 500	42,2	108,5	5 500	13 700	86,0
88,0	26,4	94,4	9 500	13 200	33,9	101,6	7 300	14 900	39,9	106,1	5 100	13 200	88,0
90,0	22,8	89,9	9 000	12 200	31,1	98,4	6 800	14 300	37,6	103,6		12 600	90,0
92,0	18,5	84,4	8 500	11 300	28,1	94,8	6 300	13 700	35,0	100,8		12 100	92,0
94,0	12,9	77,0	7 900	10 400	24,7	90,6	5 900	13 100	32,3	97,7		11 600	94,0
96,0					20,8	85,7	5 500	12 100	29,4	94,3		11 100	96,0
98,0					16,0	79,5	5 000	11 200	26,2	90,4		10 700	98,0
100,0					8,8	69,9		10 400	22,6	85,9		10 200	100,0
102,0									18,2	80,3		9 800	102,0
104,0									12,4	72,7		9 400	104,0

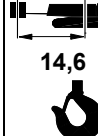
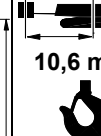
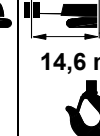
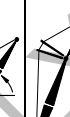
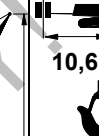
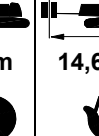
MLC300 VPC-MAX S-1

ASME B30.5



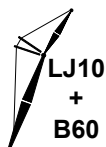
135 100 kg



	 85°					 83°					 80°					
	 m		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg	 14,6 m kg	 m		
32,0	73,6	142,7	24 000	24 000											32,0	
34,0	72,1	142,1	23 800	23 800											34,0	
36,0	70,7	141,4	23 500	23 500											36,0	
38,0	69,2	140,6	23 300	23 300	70,8	141,2	23 300	23 300							38,0	
40,0	67,8	139,8	23 100	23 100	69,3	140,4	23 100	23 100							40,0	
42,0	66,3	138,9	22 800	22 800	67,8	139,6	22 900	22 900							42,0	
44,0	64,8	138,0	22 600	22 600	66,3	138,7	22 700	22 700							44,0	
46,0	63,2	137,0	22 300	22 300	64,8	137,8	22 500	22 500	67,2	138,7	22 200	22 200			46,0	
48,0	61,7	135,9	22 100	22 100	63,3	136,8	22 300	22 300	65,7	137,8	22 000	22 000			48,0	
50,0	60,1	134,8	21 800	21 800	61,8	135,7	22 700	22 700	64,2	136,9	21 900	21 900			50,0	
52,0	58,5	133,6	21 600	21 600	60,2	134,6	21 800	21 800	62,6	135,8	21 700	21 700			52,0	
54,0	56,9	132,3	21 400	21 400	58,6	133,4	21 600	21 600	61,1	134,7	21 600	21 600			54,0	
56,0	55,3	130,9	21 100	21 100	57,0	132,1	21 400	21 400	59,5	133,6	21 400	21 400			56,0	
58,0	53,6	129,4	20 900	20 900	55,3	130,7	21 200	21 200	57,9	132,3	21 200	21 200			58,0	
60,0	51,8	127,9	20 600	20 600	53,6	129,3	21 000	21 000	56,3	131,0	21 100	21 100			60,0	
62,0	50,1	126,2	20 000	20 000	51,9	127,7	20 800	20 800	54,6	129,6	20 900	20 900			62,0	
64,0	48,2	124,5	19 300	19 300	50,1	126,1	20 600	20 600	52,9	128,1	20 700	20 700			64,0	
66,0	46,4	122,6	18 600	18 600	48,3	124,3	20 400	20 400	51,2	126,5	19 900	20 600			66,0	
68,0	44,4	120,6	18 000	18 000	46,5	122,4	20 200	20 200	49,4	124,8	18 900	20 400			68,0	
70,0	42,4	118,4	17 400	17 400	44,5	120,4	19 700	20 000	47,5	123,0	17 900	20 300			70,0	
72,0	40,3	116,1	16 800	16 800	42,5	118,3	18 800	19 400	45,6	121,1	17 100	20 100			72,0	
74,0	38,2	113,6	16 200	16 200	40,4	116,0	17 900	18 800	43,7	119,0	16 200	20 000			74,0	
76,0	35,9	110,9	15 700	15 700	38,3	113,5	17 100	18 100	41,6	116,8	15 400	19 800			76,0	
78,0	33,4	107,9	15 200	15 200	36,0	110,8	16 300	17 500	39,5	114,4	14 600	19 500			78,0	
80,0	30,8	104,7	14 700	14 700	33,5	107,8	15 500	16 600	37,3	111,8	13 900	18 400			80,0	
82,0	28,0	101,0	14 300	14 300	30,9	104,6	14 700	15 600	34,9	109,0	13 200	17 400			82,0	
84,0	24,9	96,9	13 500	13 500	28,1	101,0	14 000	14 600	32,4	106,0	12 600	16 400			84,0	
86,0	21,3	92,1	12 600	12 600	25,0	96,9	13 400	13 700	29,7	102,6	11 900	15 400			86,0	
88,0	17,0	86,1	11 800	11 800	21,5	92,1	12 700	12 800	26,8	98,7	11 300	14 400			88,0	
90,0					17,2	86,2	12 000	12 000	23,5	94,4	10 700	13 500			90,0	
92,0					11,5	78,0	11 100	11 100	19,7	89,2	10 200	12 600			92,0	
94,0									15,0	82,5	9 600	11 800			94,0	
96,0									7,7	72,0	9 100	11 000			96,0	
98,0															98,0	
100,0															100,0	
102,0															102,0	
104,0															104,0	
106,0															106,0	
108,0															108,0	
110,0															110,0	

MLC300 VPC-MAX S-1

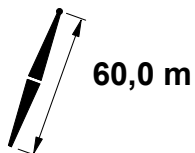
ASME B30.5



135 100 kg



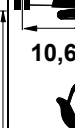
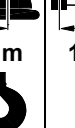
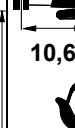
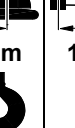
360°



60,0 m

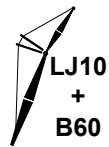


84,0 m

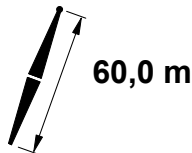
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	62,0	134,2	20 300	20 300									58,0
60,0	60,4	133,1	19 800	20 300									60,0
62,0	58,8	131,9	18 700	20 300									62,0
64,0	57,2	130,6	17 700	20 200									64,0
66,0	55,6	129,2	16 700	20 100									66,0
68,0	53,9	127,8	15 800	20 100	58,0	129,6	12 800	18 500					68,0
70,0	52,1	126,2	15 000	20 000	56,4	128,3	12 000	18 600					70,0
72,0	50,4	124,6	14 200	19 900	54,7	126,9	11 300	18 700					72,0
74,0	48,6	122,9	13 400	19 800	53,0	125,4	10 600	18 800					74,0
76,0	46,7	121,0	12 700	19 700	51,3	123,8	10 000	18 500					76,0
78,0	44,8	119,0	12 000	19 600	49,5	122,1	9 400	17 800	53,8	124,0	6 800	15 800	78,0
80,0	42,8	116,9	11 300	19 000	47,7	120,3	8 800	17 000	52,0	122,4	6 300	15 100	80,0
82,0	40,7	114,6	10 700	18 200	45,8	118,4	8 200	16 300	50,3	120,8	5 800	14 500	82,0
84,0	38,6	112,1	10 100	17 500	43,8	116,3	7 700	15 700	48,5	119,0	5 300	13 900	84,0
86,0	36,3	109,4	9 500	16 800	41,8	114,1	7 200	15 000	46,6	117,2	4 900	13 300	86,0
88,0	33,9	106,5	9 000	16 200	39,7	111,8	6 700	14 400	44,7	115,2		12 700	88,0
90,0	31,3	103,3	8 500	15 600	37,5	109,2	6 200	13 900	42,7	113,0		12 200	90,0
92,0	28,5	99,8	8 000	15 000	35,1	106,4	5 800	13 300	40,6	110,7		11 700	92,0
94,0	25,4	95,7	7 500	14 300	32,6	103,4	5 300	12 800	38,4	108,2		11 200	94,0
96,0	22,0	91,1	7 000	13 400	30,0	100,0	4 900	12 300	36,1	105,6		10 700	96,0
98,0	17,8	85,4	6 500	12 500	27,0	96,2		11 800	33,7	102,6		10 300	98,0
100,0	12,4	77,6	6 100	11 700	23,8	91,9		11 300	31,1	99,4		9 800	100,0
102,0					20,0	86,8		10 800	28,3	95,8		9 400	102,0
104,0					15,4	80,3		10 400	25,2	91,8		9 000	104,0
106,0					8,5	70,3		9 900	21,7	87,0		8 600	106,0
108,0									17,5	81,2		8 200	108,0
110,0									12,0	73,3		7 800	110,0

MLC300 VPC-MAX S-1

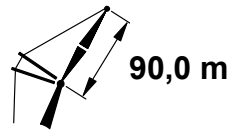
ASME B30.5



135 100 kg



60,0 m

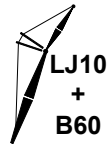


90,0 m

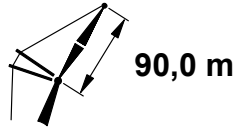
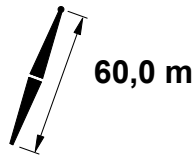
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,7	148,5	20 200	20 200									33,5
34,0	73,4	148,4	20 200	20 200									34,0
36,0	72,0	147,7	20 000	20 000									36,0
38,0	70,7	147,0	19 800	19 800									38,0
40,0	69,3	146,3	19 500	19 500	70,7	146,8	19 500	19 500					40,0
42,0	68,0	145,5	19 300	19 300	69,4	146,1	19 300	19 300					42,0
44,0	66,6	144,6	19 000	19 000	68,0	145,3	19 100	19 100					44,0
46,0	65,2	143,7	18 800	18 800	66,6	144,4	18 900	18 900	68,8	145,2	18 600	18 600	46,0
48,0	63,7	142,7	18 600	18 600	65,2	143,5	18 700	18 700	67,4	144,4	18 500	18 500	48,0
50,0	62,3	141,7	18 300	18 300	63,8	142,5	18 500	18 500	66,0	143,5	18 300	18 300	50,0
52,0	60,9	140,6	18 100	18 100	62,4	141,5	18 300	18 300	64,6	142,6	18 200	18 200	52,0
54,0	59,4	139,4	17 800	17 800	60,9	140,4	18 000	18 000	63,2	141,6	18 000	18 000	54,0
56,0	57,9	138,1	17 600	17 600	59,5	139,2	17 800	17 800	61,7	140,5	17 800	17 800	56,0
58,0	56,4	136,8	17 400	17 400	58,0	138,0	17 600	17 600	60,3	139,4	17 800	17 800	58,0
60,0	54,8	135,4	17 200	17 200	56,4	136,6	17 400	17 400	58,8	138,2	18 300	18 300	60,0
62,0	53,2	133,9	17 000	17 000	54,9	135,2	17 200	17 200	57,3	136,9	17 300	17 300	62,0
64,0	51,6	132,4	16 800	16 800	53,3	133,8	17 000	17 000	55,8	135,5	17 100	17 100	64,0
66,0	49,9	130,7	16 600	16 600	51,7	132,2	16 800	16 800	54,2	134,1	17 000	17 000	66,0
68,0	48,2	128,9	16 400	16 400	50,0	130,5	16 600	16 600	52,6	132,6	16 800	16 800	68,0
70,0	46,5	127,1	16 100	16 100	48,3	128,8	16 500	16 500	51,0	131,0	16 600	16 600	70,0
72,0	44,7	125,1	15 600	15 600	46,6	126,9	16 300	16 300	49,3	129,3	16 300	16 500	72,0
74,0	42,8	122,9	15 100	15 100	44,8	124,9	16 100	16 100	47,6	127,5	15 500	16 300	74,0
76,0	40,9	120,7	14 600	14 600	42,9	122,8	16 000	16 000	45,8	125,6	14 700	16 200	76,0
78,0	38,9	118,2	14 100	14 100	41,0	120,5	15 600	15 900	44,0	123,5	13 900	16 000	78,0
80,0	36,8	115,6	13 700	13 700	39,0	118,1	14 800	15 700	42,1	121,3	13 200	15 900	80,0
82,0	34,6	112,8	13 300	13 300	36,9	115,5	14 100	15 300	40,1	119,0	12 500	15 800	82,0
84,0	32,2	109,7	12 900	12 900	34,7	112,7	13 400	14 900	38,1	116,5	11 900	15 700	84,0
86,0	29,7	106,3	12 500	12 500	32,4	109,6	12 700	14 100	36,0	113,8	11 300	15 400	86,0
88,0	27,0	102,5	11 700	11 700	29,9	106,2	12 100	13 200	33,7	110,8	10 700	14 700	88,0
90,0	24,0	98,2	10 800	10 800	27,1	102,4	11 500	12 300	31,3	107,6	10 100	14 000	90,0
92,0	20,5	93,1	9 900	9 900	24,1	98,1	10 900	11 300	28,7	104,1	9 500	13 200	92,0
94,0	16,4	87,0	8 900	8 900	20,7	93,2	10 300	10 400	25,9	100,1	9 000	12 500	94,0
96,0	10,8	78,3	8 100	8 100	16,6	87,1	9 400	9 400	22,7	95,6	8 500	11 600	96,0
98,0					11,1	78,6	8 500	8 500	19,0	90,2	8 000	10 600	98,0
100,0									14,5	83,3	7 500	9 600	100,0
102,0									7,4	72,4	7 000	8 700	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0

MLC300 VPC-MAX S-1

ASME B30.5



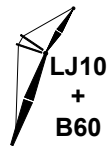
135 100 kg



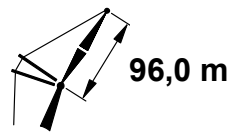
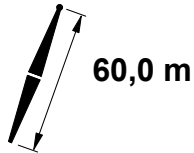
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	62,6	139,9	16 800	16 800								60,0
62,0	61,1	138,8	16 800	16 800								62,0
64,0	59,6	137,7	16 700	16 700								64,0
66,0	58,2	136,4	15 900	16 600								66,0
68,0	56,6	135,1	15 000	16 500								68,0
70,0	55,1	133,7	14 200	16 400								70,0
72,0	53,5	132,3	13 400	16 300	57,4	134,2	10 500	15 200				72,0
74,0	51,9	130,7	12 600	16 200	55,9	132,8	9 800	15 300				74,0
76,0	50,2	129,1	11 900	16 100	54,3	131,4	9 200	15 300				76,0
78,0	48,6	127,3	11 200	16 000	52,7	129,9	8 500	15 300				78,0
80,0	46,8	125,5	10 600	15 900	51,1	128,3	8 000	15 200				80,0
82,0	45,0	123,5	10 000	15 800	49,4	126,6	7 400	15 200				82,0
84,0	43,2	121,4	9 400	15 700	47,7	124,8	6 900	15 100	51,8	126,9	13 200	84,0
86,0	41,3	119,1	8 800	15 600	45,9	122,9	6 400	14 500	50,1	125,3	12 700	86,0
88,0	39,3	116,7	8 300	15 500	44,1	120,8	5 900	13 900	48,4	123,5	12 100	88,0
90,0	37,2	114,2	7 700	15 000	42,2	118,7	5 400	13 300	46,7	121,6	11 600	90,0
92,0	35,0	111,4	7 300	14 500	40,3	116,3	5 000	12 700	44,9	119,7	11 100	92,0
94,0	32,7	108,3	6 800	13 900	38,3	113,9	4 600	12 200	43,1	117,5	10 600	94,0
96,0	30,2	105,0	6 300	13 300	36,1	111,2		11 700	41,1	115,3	10 100	96,0
98,0	27,5	101,3	5 900	12 800	33,9	108,2		11 200	39,1	112,9	9 700	98,0
100,0	24,6	97,1	5 500	12 300	31,5	105,1		10 800	37,0	110,3	9 200	100,0
102,0	21,2	92,2	5 000	11 600	28,9	101,5		10 300	34,9	107,5	8 800	102,0
104,0	17,2	86,3		10 800	26,1	97,6		9 900	32,5	104,4	8 400	104,0
106,0	12,0	78,3		10 000	23,0	93,1		9 500	30,0	101,0	8 100	106,0
108,0					19,3	87,8		9 100	27,3	97,3	7 700	108,0
110,0					14,9	81,1		8 700	24,3	93,1	7 300	110,0
112,0					8,2	70,8		8 300	21,0	88,1	7 000	112,0
114,0									16,9	82,1	6 600	114,0
116,0									11,6	73,9	6 300	116,0

MLC300 VPC-MAX S-1

ASME B30.5



135 100 kg



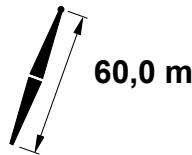
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	73,8	154,3	17 100	17 100									35,1
36,0	73,2	154,0	17 000	17 000									36,0
38,0	71,9	153,4	16 700	16 700									38,0
40,0	70,7	152,7	16 500	16 500									40,0
42,0	69,4	151,9	16 300	16 300	70,7	152,5	16 300	16 300					42,0
44,0	68,1	151,1	16 000	16 000	69,5	151,7	16 100	16 100					44,0
46,0	66,8	150,3	15 800	15 800	68,2	150,9	15 900	15 900					46,0
48,0	65,5	149,4	15 500	15 500	66,9	150,1	15 700	15 700					48,0
50,0	64,2	148,4	15 300	15 300	65,6	149,2	15 400	15 400	67,6	150,1	15 300	15 300	50,0
52,0	62,8	147,4	15 100	15 100	64,2	148,2	15 200	15 200	66,3	149,2	15 200	15 200	52,0
54,0	61,5	146,3	14 800	14 800	62,9	147,2	15 000	15 000	65,0	148,3	15 000	15 000	54,0
56,0	60,1	145,2	14 600	14 600	61,6	146,1	14 800	14 800	63,7	147,3	14 800	14 800	56,0
58,0	58,7	144,0	14 400	14 400	60,2	145,0	14 600	14 600	62,3	146,3	14 600	14 600	58,0
60,0	57,3	142,7	14 200	14 200	58,8	143,8	14 400	14 400	61,0	145,1	14 500	14 500	60,0
62,0	55,9	141,4	14 000	14 000	57,4	142,5	14 200	14 200	59,6	144,0	14 300	14 300	62,0
64,0	54,4	139,9	13 800	13 800	55,9	141,2	14 000	14 000	58,2	142,7	14 100	14 100	64,0
66,0	52,9	138,4	13 600	13 600	54,5	139,8	13 800	13 800	56,7	141,4	13 900	13 900	66,0
68,0	51,4	136,9	13 400	13 400	53,0	138,3	13 600	13 600	55,3	140,1	13 700	13 700	68,0
70,0	49,8	135,2	13 200	13 200	51,5	136,7	13 400	13 400	53,8	138,6	13 600	13 600	70,0
72,0	48,2	133,4	13 000	13 000	49,9	135,0	13 200	13 200	52,3	137,1	13 400	13 400	72,0
74,0	46,6	131,5	12 900	12 900	48,3	133,3	13 100	13 100	50,8	135,5	13 200	13 200	74,0
76,0	44,9	129,6	12 700	12 700	46,7	131,4	12 900	12 900	49,2	133,8	13 100	13 100	76,0
78,0	43,2	127,5	12 600	12 600	45,0	129,4	12 700	12 700	47,6	132,0	12 900	12 900	78,0
80,0	41,4	125,2	12 400	12 400	43,3	127,3	12 600	12 600	46,0	130,0	12 600	12 800	80,0
82,0	39,5	122,8	12 200	12 200	41,5	125,1	12 500	12 500	44,3	128,0	11 900	12 600	82,0
84,0	37,6	120,3	11 900	11 900	39,6	122,7	12 300	12 300	42,5	125,9	11 300	12 500	84,0
86,0	35,6	117,5	11 500	11 500	37,7	120,2	12 100	12 300	40,7	123,6	10 700	12 400	86,0
88,0	33,4	114,6	10 800	10 800	35,7	117,4	11 500	12 100	38,8	121,1	10 100	12 200	88,0
90,0	31,2	111,3	9 600	9 600	33,6	114,5	10 900	11 600	36,8	118,5	9 500	12 100	90,0
92,0	28,8	107,8	8 500	8 500	31,3	111,3	10 200	10 400	34,8	115,7	9 000	12 100	92,0
94,0	26,1	103,9	7 300	7 300	28,9	107,7	9 100	9 100	32,6	112,6	8 400	11 900	94,0
96,0	23,2	99,4	6 100	6 100	26,3	103,8	7 800	7 800	30,3	109,3	7 900	10 700	96,0
98,0					23,4	99,4	6 500	6 500	27,8	105,6	7 500	9 300	98,0
100,0					20,0	94,2	5 300	5 300	25,0	101,5	7 000	7 900	100,0
102,0									22,0	96,7	6 400	6 500	102,0
104,0									18,4	91,2	5 200	5 200	104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0
120,0													120,0

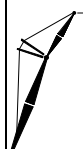
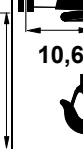
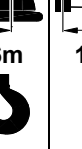
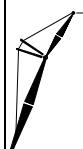
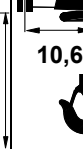
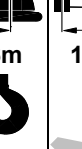
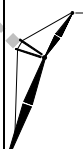
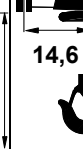
MLC300 VPC-MAX S-1

ASME B30.5



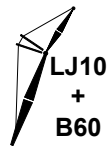
135 100 kg



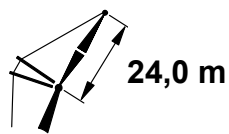
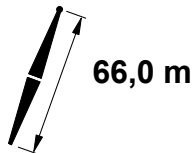
	 75°				 70°				 65°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 m	
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0	63,1	145,7	13 800	13 800									62,0
64,0	61,7	144,6	13 700	13 700									64,0
66,0	60,4	143,5	13 600	13 600									66,0
68,0	59,0	142,3	13 500	13 500									68,0
70,0	57,6	141,0	13 400	13 400									70,0
72,0	56,1	139,7	12 700	13 300									72,0
74,0	54,7	138,3	12 000	13 100	58,3	140,0	9 100	12 400					74,0
76,0	53,2	136,8	11 200	13 000	56,9	138,7	8 500	12 400					76,0
78,0	51,7	135,2	10 600	12 900	55,4	137,3	7 900	12 300					78,0
80,0	50,1	133,6	9 900	12 800	53,9	135,9	7 300	12 300					80,0
82,0	48,5	131,8	9 300	12 700	52,4	134,4	6 700	12 300					82,0
84,0	46,9	130,0	8 700	12 500	50,9	132,8	6 200	12 200					84,0
86,0	45,2	128,0	8 200	12 400	49,3	131,1	5 700	12 100	53,1	133,0	11 200		86,0
88,0	43,5	125,9	7 600	12 300	47,7	129,3	5 300	12 100	51,6	131,4	11 200		88,0
90,0	41,7	123,7	7 100	12 200	46,1	127,4		12 000	50,0	129,7	11 100		90,0
92,0	39,9	121,3	6 600	12 100	44,4	125,3		12 000	48,4	128,0	10 600		92,0
94,0	38,0	118,8	6 200	12 000	42,6	123,2		11 700	46,8	126,1	10 100		94,0
96,0	36,0	116,1	5 700	12 000	40,8	120,9		11 200	45,1	124,2	9 600		96,0
98,0	33,8	113,2	5 300	11 900	38,9	118,5		10 800	43,4	122,1	9 200		98,0
100,0	31,6	110,0	4 900	11 700	37,0	115,9		10 300	41,6	119,8	8 800		100,0
102,0	29,2	106,5		11 100	34,9	113,1		9 900	39,8	117,5	8 400		102,0
104,0	26,6	102,7		9 900	32,8	110,0		9 400	37,8	114,9	8 000		104,0
106,0	23,8	98,3		8 300	30,4	106,7		9 000	35,8	112,2	7 600		106,0
108,0	20,5	93,3		6 700	28,0	103,0		8 600	33,7	109,3	7 200		108,0
110,0	16,7	87,1		5 400	25,2	99,0		8 300	31,5	106,1	6 900		110,0
112,0					22,2	94,3		7 900	29,0	102,6	6 500		112,0
114,0					18,7	88,8		6 800	26,4	98,7	6 200		114,0
116,0					14,4	81,8		5 400	23,6	94,3	5 900		116,0
120,0									16,4	83,0	5 200		120,0

MLC300 VPC-MAX S-1

ASME B30.5



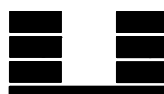
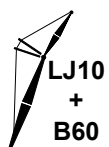
135 100 kg



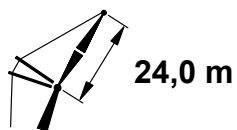
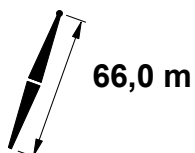
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	70,5	90,7	109 200 d	109 200 d									16,8
18,0	67,3	90,1	102 700 c	102 700 c									18,0
20,0	61,9	89,1	92 000 b	92 000 b	68,1	90,0	105 400 c	105 400 c					20,0
22,0	56,2	87,8	83 200 b	83 200 b	62,7	89,0	99 100 c	99 100 c					22,0
24,0	50,0	86,2	76 100	76 100	57,1	87,7	90 600 b	90 600 b					24,0
26,0	43,2	84,1	70 300	70 300	51,0	86,2	82 400	82 400	61,2	88,1	79 300 b	96 200 b	26,0
28,0	35,3	81,5	65 800	65 800	44,3	84,2	75 700	75 900	55,4	86,8	72 300 b	90 500 b	28,0
30,0	25,2	77,8	62 500	62 500	36,6	81,7	69 500	70 700	49,2	85,1	66 400	83 900	30,0
32,0					27,0	78,2	64 000	66 600	42,3	83,0	61 200	77 500	32,0
34,0									34,2	80,3	56 800	72 000	34,0
36,0									23,6	76,3	52 800	67 000	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

MLC300 VPC-MAX S-1

ASME B30.5



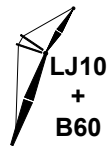
135 100 kg



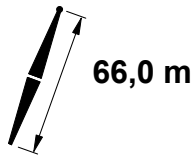
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,2	86,6	56 400 b	72 700 b									32,0
34,0	54,4	85,2	52 300 b	67 500 b									34,0
36,0	48,0	83,5	48 700	63 000									36,0
38,0	41,0	81,3	45 500	58 900									38,0
40,0	32,6	78,4	42 600	55 300	52,9	83,0	38 700	51 700					40,0
42,0	21,2	74,1	39 900	52 000	46,4	81,2	36 400	48 700					42,0
44,0					39,1	78,9	34 200	45 900					44,0
46,0					30,2	75,7	32 200	43 400	50,8	80,2	28 400	40 400	46,0
48,0					17,2	70,7	30 200	41 000	44,1	78,2	26 800	38 300	48,0
50,0									36,3	75,7	25 300	36 300	50,0
52,0									26,6	72,1	23 800	34 500	52,0

MLC300 VPC-MAX S-1

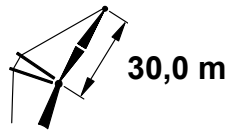
ASME B30.5



135 100 kg



66,0 m

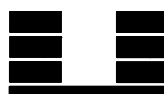
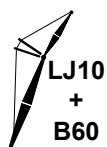


30,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	71,5	96,5	94 400 c	94 400 c									18,3
20,0	67,9	95,8	91 200 b	91 200 b									20,0
22,0	63,7	94,8	82 300 b	82 300 b	68,6	95,7	93 100 c	93 100 c					22,0
24,0	59,3	93,7	74 900	74 900	64,3	94,7	88 600 b	88 600 b					24,0
26,0	54,6	92,3	68 900	68 900	60,0	93,6	82 400	82 400	67,4	94,9	78 700 b	90 300 b	26,0
28,0	49,7	90,6	64 000	64 000	55,3	92,2	75 400	75 500	63,1	93,9	71 800 b	86 100 b	28,0
30,0	44,3	88,7	59 800	59 800	50,4	90,6	69 200	69 700	58,7	92,7	65 900	81 900	30,0
32,0	38,3	86,2	56 300	56 300	45,2	88,7	63 800	64 800	54,0	91,3	60 800	77 100	32,0
34,0	31,3	83,2	53 600	53 600	39,3	86,4	59 200	60 900	49,0	89,6	56 400	71 600	34,0
36,0	22,4	78,9	51 700	51 700	32,5	83,4	55 100	57 700	43,6	87,6	52 500	66 800	36,0
38,0					23,9	79,4	51 400	55 300	37,5	85,1	49 000	62 500	38,0
40,0									30,3	81,9	45 900	58 700	40,0
42,0									20,9	77,4	43 100	55 200	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

MLC300 VPC-MAX S-1

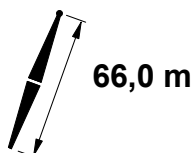
ASME B30.5



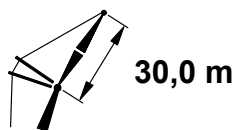
135 100 kg



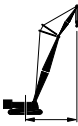
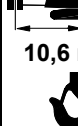
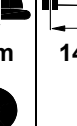
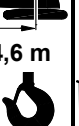
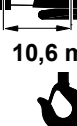
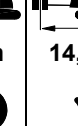
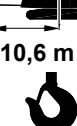
360°



66,0 m

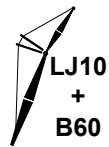


30,0 m

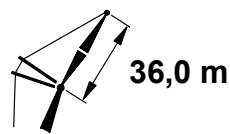
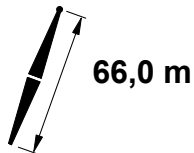
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
18,3														18,3
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0	62,4	92,4	51 700	66 900										34,0
36,0	57,9	91,1	48 200	62 400										36,0
38,0	53,1	89,7	45 000	58 400										38,0
40,0	48,1	87,9	42 100	54 800										40,0
42,0	42,5	85,8	39 600	51 600	56,7	89,0	35 500	48 000						42,0
44,0	36,3	83,3	37 300	48 700	51,9	87,5	33 400	45 300						44,0
46,0	28,9	79,9	35 200	46 100	46,8	85,7	31 500	42 900						46,0
48,0	18,7	75,0	33 200	43 600	41,1	83,5	29 700	40 600						48,0
50,0					34,6	80,7	28 100	38 600	50,3	84,7	24 400	35 700		50,0
52,0					26,8	77,1	26 600	36 600	45,0	82,7	23 100	33 900		52,0
54,0									39,1	80,4	21 900	32 300		54,0
56,0									32,2	77,4	20 700	30 800		56,0
58,0									23,6	73,4	19 500	29 300		58,0

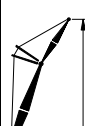
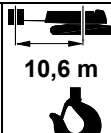
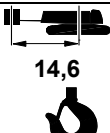
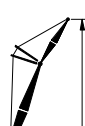
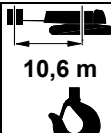
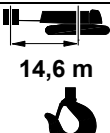
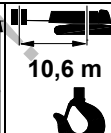
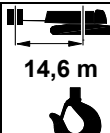
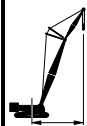
MLC300 VPC-MAX S-1

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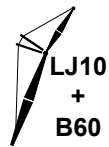
135 100 kg



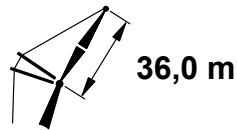
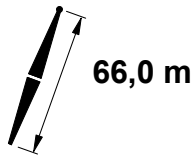
	 85°				 83°				 80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	72,1	102,3	81 000 b	81 000 b									19,8
20,0	71,8	102,2	80 900 b	80 900 b									20,0
22,0	68,4	101,5	79 600 b	79 600 b									22,0
24,0	64,9	100,5	74 400	74 400	68,9	101,3	81 200 b	81 200 b					24,0
26,0	61,3	99,5	68 200	68 200	65,4	100,4	79 200	79 200					26,0
28,0	57,5	98,2	63 100	63 100	61,8	99,4	74 800	75 100	67,9	100,5	71 400 b	80 100 b	28,0
30,0	53,6	96,8	58 800	58 800	58,1	98,2	68 900	69 800	64,4	99,6	65 500	77 400	30,0
32,0	49,4	95,1	55 000	55 000	54,2	96,7	63 500	64 600	60,8	98,5	60 400	74 000	32,0
34,0	45,0	93,2	51 800	51 800	50,1	95,1	59 000	60 300	57,0	97,2	56 100	70 600	34,0
36,0	40,2	90,9	49 200	49 200	45,7	93,2	54 900	56 700	53,1	95,8	52 200	66 500	36,0
38,0	34,8	88,1	46 900	46 900	40,9	91,0	51 300	53 500	48,9	94,1	48 800	62 200	38,0
40,0	28,4	84,7	45 200	45 200	35,6	88,3	48 100	50 900	44,4	92,1	45 700	58 400	40,0
42,0	20,3	80,0	44 100	44 100	29,5	85,0	45 200	48 800	39,5	89,7	43 000	55 000	42,0
44,0					21,7	80,6	42 600	47 200	34,0	86,9	40 500	51 900	44,0
46,0									27,5	83,4	38 200	49 100	46,0
48,0									19,0	78,4	36 100	46 500	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

MLC300 VPC-MAX S-1

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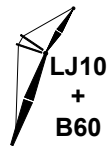
135 100 kg



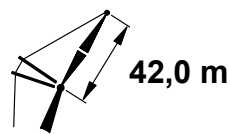
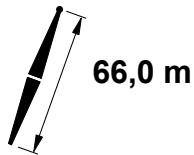
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	60,1	97,0	44 500	58 000									38,0
40,0	56,3	95,7	41 700	54 500									40,0
42,0	52,3	94,2	39 200	51 300									42,0
44,0	48,1	92,4	36 900	48 400									44,0
46,0	43,6	90,4	34 900	45 800	55,4	93,5	30 900	42 400					46,0
48,0	38,6	88,0	33 000	43 400	51,3	92,0	29 200	40 200					48,0
50,0	32,9	85,1	31 200	41 200	47,0	90,2	27 600	38 200					50,0
52,0	26,2	81,3	29 600	39 200	42,4	88,0	26 100	36 300					52,0
54,0	17,0	75,9	28 100	37 300	37,3	85,5	24 800	34 600	49,9	89,1	21 300	31 900	54,0
56,0					31,4	82,4	23 500	33 000	45,5	87,2	20 100	30 400	56,0
58,0					24,3	78,4	22 200	31 500	40,8	85,0	19 100	29 000	58,0
60,0									35,4	82,3	18 100	27 700	60,0
62,0									29,2	79,0	17 100	26 500	62,0
64,0									21,4	74,5	16 200	25 300	64,0

MLC300 VPC-MAX S-1

ASME B30.5



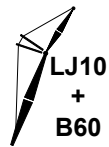
135 100 kg



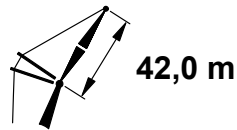
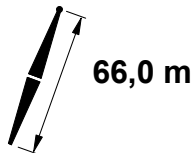
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,6	108,1	69 500 b	69 500 b									21,3
22,0	71,6	107,9	69 400 b	69 400 b									22,0
24,0	68,7	107,1	68 900	68 900									24,0
26,0	65,7	106,2	66 800	66 800	69,1	107,0	69 500	69 500					26,0
28,0	62,6	105,2	62 400	62 400	66,2	106,1	68 000	68 000					28,0
30,0	59,5	104,1	57 900	57 900	63,1	105,1	65 100	65 100					30,0
32,0	56,2	102,8	54 100	54 100	60,0	104,0	61 800	61 800	65,3	105,3	59 800	67 500	32,0
34,0	52,8	101,3	50 800	50 800	56,7	102,7	58 300	58 400	62,2	104,3	55 500	64 700	34,0
36,0	49,3	99,6	48 000	48 000	53,4	101,2	54 400	55 200	59,1	103,1	51 700	61 500	36,0
38,0	45,5	97,7	45 500	45 500	49,8	99,6	50 900	52 100	55,8	101,8	48 200	58 100	38,0
40,0	41,4	95,5	43 400	43 400	46,1	97,7	47 700	49 200	52,4	100,2	45 200	54 900	40,0
42,0	37,0	92,9	41 500	41 500	42,1	95,6	44 800	46 500	48,8	98,5	42 500	51 900	42,0
44,0	32,0	89,9	40 000	40 000	37,7	93,1	42 200	43 900	45,0	96,6	40 000	49 000	44,0
46,0	26,2	86,1	38 400	38 400	32,8	90,1	39 900	41 500	40,9	94,3	37 800	46 300	46,0
48,0	18,7	81,0	36 700	36 700	27,2	86,5	37 700	39 300	36,4	91,7	35 800	43 700	48,0
50,0					20,0	81,6	35 700	37 300	31,3	88,6	33 900	41 300	50,0
52,0									25,4	84,7	32 100	39 100	52,0
54,0									17,5	79,3	30 500	37 100	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
70,0													70,0

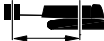
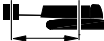
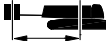
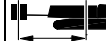
MLC300 VPC-MAX S-1

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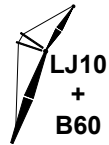
135 100 kg



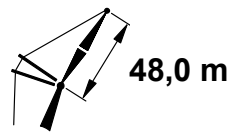
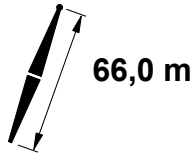
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 m	
21,3														21,3
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0	61,7	102,8	41 100	53 800										40,0
42,0	58,5	101,6	38 600	50 700										42,0
44,0	55,2	100,2	36 400	47 800										44,0
46,0	51,8	98,7	34 300	45 200										46,0
48,0	48,1	96,9	32 400	42 900	57,7	99,5	28 300	39 600						48,0
50,0	44,3	94,9	30 700	40 700	54,4	98,0	26 700	37 600						50,0
52,0	40,1	92,6	29 100	38 700	50,9	96,5	25 300	35 700						52,0
54,0	35,5	89,9	27 600	36 900	47,2	94,6	24 000	34 000						54,0
56,0	30,4	86,7	26 200	35 200	43,3	92,6	22 700	32 400						56,0
58,0	24,1	82,6	24 900	33 600	39,0	90,2	21 500	30 900	49,7	93,6	18 200	28 400		58,0
60,0	15,6	76,7	23 600	32 000	34,3	87,4	20 400	29 600	45,9	91,7	17 200	27 100		60,0
62,0					29,0	84,0	19 400	28 300	41,9	89,6	16 300	25 900		62,0
64,0					22,4	79,6	18 400	27 100	37,5	87,0	15 500	24 800		64,0
66,0									32,6	84,1	14 700	23 700		66,0
68,0									26,9	80,4	13 900	22 800		68,0
70,0									19,7	75,5	13 100	21 800		70,0

MLC300 VPC-MAX S-1

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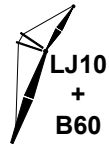
135 100 kg



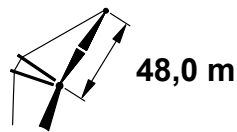
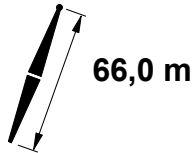
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,9	114,0	59 400	59 400									22,9
24,0	71,5	113,6	59 300	59 300									24,0
26,0	68,9	112,8	57 600	57 600	71,9	113,4	59 200	59 200					26,0
28,0	66,3	111,9	55 200	55 200	69,3	112,7	58 400	58 400					28,0
30,0	63,7	111,0	52 900	52 900	66,7	111,8	56 100	56 100					30,0
32,0	60,9	109,9	50 400	50 400	64,1	110,9	53 800	53 800	68,6	111,9	57 600	57 600	32,0
34,0	58,1	108,6	47 900	47 900	61,4	109,8	51 400	51 400	66,0	111,0	54 900	55 600	34,0
36,0	55,3	107,3	45 500	45 500	58,6	108,6	48 900	48 900	63,3	110,0	51 000	53 500	36,0
38,0	52,3	105,8	43 100	43 100	55,7	107,2	46 400	46 400	60,6	108,9	47 600	51 200	38,0
40,0	49,1	104,1	40 700	40 700	52,7	105,7	44 000	44 000	57,8	107,7	44 600	48 800	40,0
42,0	45,8	102,2	38 500	38 500	49,6	104,1	41 600	41 600	54,9	106,3	41 900	46 300	42,0
44,0	42,3	100,0	36 300	36 300	46,3	102,2	39 300	39 300	51,9	104,7	39 400	43 800	44,0
46,0	38,6	97,6	34 300	34 300	42,9	100,1	37 000	37 000	48,7	103,0	37 200	41 500	46,0
48,0	34,5	94,8	32 300	32 300	39,2	97,7	34 900	34 900	45,4	101,1	35 200	39 100	48,0
50,0	29,8	91,5	30 500	30 500	35,1	95,0	33 000	33 000	41,9	98,9	33 300	36 900	50,0
52,0	24,4	87,4	28 800	28 800	30,6	91,7	31 100	31 100	38,1	96,4	31 600	34 800	52,0
54,0	17,4	81,9	27 200	27 200	25,3	87,8	29 400	29 400	33,9	93,6	30 100	32 900	54,0
56,0					18,6	82,6	27 700	27 700	29,2	90,2	28 600	31 000	56,0
58,0									23,6	86,0	27 200	29 200	58,0
60,0									16,3	80,1	25 900	27 600	60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0

MLC300 VPC-MAX S-1

ASME B30.5



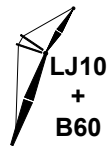
135 100 kg



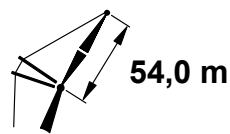
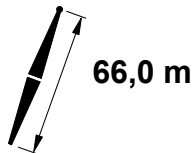
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,8	108,5	37 800	50 000									42,0
44,0	60,1	107,4	35 500	47 100									44,0
46,0	57,3	106,1	33 500	44 500									46,0
48,0	54,4	104,7	31 600	42 200									48,0
50,0	51,3	103,1	29 900	40 100									50,0
52,0	48,1	101,4	28 300	38 100	56,6	104,0	24 300	35 000					52,0
54,0	44,8	99,4	26 800	36 300	53,6	102,5	23 000	33 300					54,0
56,0	41,2	97,2	25 400	34 600	50,6	100,9	21 800	31 700					56,0
58,0	37,4	94,7	24 100	33 000	47,3	99,1	20 600	30 300					58,0
60,0	33,1	91,7	22 900	31 500	43,9	97,1	19 600	28 900	52,6	99,8	16 300	26 400	60,0
62,0	28,3	88,2	21 800	30 200	40,3	94,8	18 600	27 700	49,5	98,1	15 400	25 200	62,0
64,0	22,5	83,8	20 700	28 900	36,4	92,2	17 600	26 500	46,2	96,2	14 500	24 100	64,0
66,0	14,6	77,4	19 600	27 600	32,0	89,1	16 700	25 400	42,8	94,1	13 800	23 100	66,0
68,0					27,0	85,4	15 900	24 300	39,0	91,7	13 000	22 100	68,0
70,0					20,9	80,7	15 000	23 300	35,0	88,9	12 300	21 200	70,0
72,0									30,4	85,7	11 600	20 300	72,0
74,0									25,1	81,7	11 000	19 500	74,0
76,0									18,4	76,5	10 300	18 700	76,0

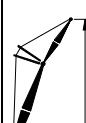
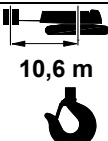
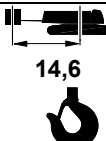
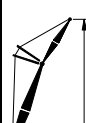
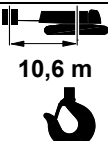
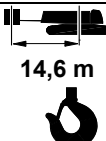
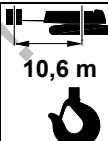
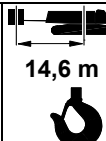
MLC300 VPC-MAX S-1

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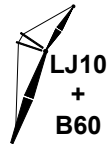
135 100 kg



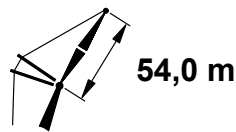
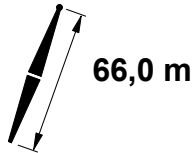
	 85°				 83°				 80°						
	 m		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg	 14,6 m kg		 m	 10,6 m kg		 14,6 m kg	 m
24,4	73,2	119,8	50 900	50 900											24,4
26,0	71,4	119,2	50 800	50 800											26,0
28,0	69,1	118,5	50 500	50 500											28,0
30,0	66,8	117,6	49 200	49 200	69,5	118,3	50 600	50 600							30,0
32,0	64,5	116,7	47 100	47 100	67,2	117,5	50 000	50 000							32,0
34,0	62,1	115,6	44 900	44 900	64,8	116,6	47 900	47 900							34,0
36,0	59,6	114,5	42 900	42 900	62,4	115,5	45 800	45 800	66,5	116,7	49 200	49 200			36,0
38,0	57,1	113,2	40 900	40 900	60,0	114,4	43 700	43 700	64,1	115,7	47 000	47 600			38,0
40,0	54,5	111,8	38 900	38 900	57,5	113,1	41 700	41 700	61,7	114,7	44 000	45 600			40,0
42,0	51,8	110,2	36 900	36 900	54,9	111,7	39 700	39 700	59,3	113,5	41 300	43 600			42,0
44,0	49,0	108,5	35 000	35 000	52,2	110,2	37 700	37 700	56,8	112,2	38 900	41 700			44,0
46,0	46,1	106,6	33 200	33 200	49,5	108,5	35 700	35 700	54,2	110,8	36 700	39 700			46,0
48,0	43,0	104,6	31 400	31 400	46,6	106,7	33 900	33 900	51,5	109,2	34 700	37 700			48,0
50,0	39,8	102,2	29 700	29 700	43,5	104,6	32 000	32 000	48,7	107,5	32 800	35 700			50,0
52,0	36,2	99,6	28 100	28 100	40,3	102,3	30 300	30 300	45,7	105,6	31 100	33 800			52,0
54,0	32,4	96,5	26 500	26 500	36,8	99,7	28 600	28 600	42,6	103,5	29 600	32 000			54,0
56,0	28,1	93,0	25 100	25 100	33,0	96,8	27 100	27 100	39,3	101,1	28 100	30 300			56,0
58,0	23,0	88,6	23 700	23 700	28,8	93,3	25 600	25 600	35,8	98,4	26 800	28 600			58,0
60,0	16,4	82,7	22 400	22 400	23,8	89,1	24 100	24 100	31,9	95,3	25 500	27 000			60,0
62,0					17,5	83,5	22 800	22 800	27,5	91,6	24 300	25 500			62,0
64,0					6,5	73,3	21 600	21 600	22,2	87,1	23 200	24 100			64,0
66,0									15,3	80,9	22 100	22 800			66,0
68,0															68,0
70,0															70,0
72,0															72,0
74,0															74,0
76,0															76,0
78,0															78,0
80,0															80,0
82,0															82,0

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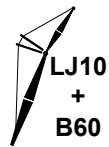
135 100 kg



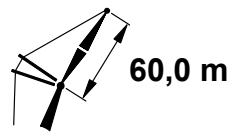
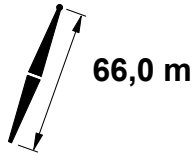
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,3	113,2	32 600	43 900									46,0
48,0	58,8	112,0	30 800	41 600									48,0
50,0	56,3	110,7	29 000	39 400									50,0
52,0	53,7	109,2	27 500	37 500									52,0
54,0	51,0	107,6	26 000	35 700									54,0
56,0	48,1	105,9	24 600	34 000	55,7	108,5	20 900	31 100					56,0
58,0	45,2	103,9	23 400	32 400	53,0	107,0	19 800	29 700					58,0
60,0	42,1	101,7	22 200	31 000	50,3	105,4	18 700	28 300					60,0
62,0	38,7	99,3	21 100	29 700	47,4	103,6	17 700	27 100					62,0
64,0	35,1	96,6	20 000	28 400	44,4	101,6	16 800	25 900	52,1	104,2	13 600	23 400	64,0
66,0	31,1	93,4	19 100	27 100	41,3	99,4	15 900	24 800	49,4	102,6	12 900	22 400	66,0
68,0	26,6	89,6	18 100	25 800	37,9	96,9	15 100	23 800	46,5	100,7	12 200	21 500	68,0
70,0	21,2	84,9	17 200	24 300	34,2	94,0	14 300	22 800	43,4	98,6	11 500	20 600	70,0
72,0	13,7	78,2	16 300	23 000	30,1	90,7	13 600	21 800	40,2	96,3	10 800	19 700	72,0
74,0					25,4	86,8	12 900	21 000	36,7	93,7	10 200	18 900	74,0
76,0					19,6	81,7	12 200	20 100	32,9	90,7	9 600	18 100	76,0
78,0									28,6	87,2	9 000	17 400	78,0
80,0									23,6	83,0	8 500	16 700	80,0
82,0									17,3	77,4	7 900	16 000	82,0

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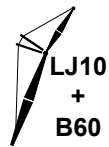
135 100 kg



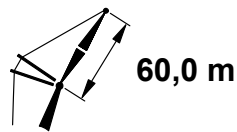
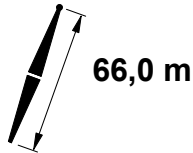
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,4	125,6	43 200	43 200									25,9
26,0	73,3	125,6	43 200	43 200									26,0
28,0	71,3	124,9	43 200	43 200									28,0
30,0	69,3	124,1	43 000	43 000									30,0
32,0	67,2	123,3	42 700	42 700	69,6	124,0	42 900	42 900					32,0
34,0	65,1	122,4	42 400	42 400	67,5	123,2	42 900	42 900					34,0
36,0	62,9	121,4	41 200	41 200	65,4	122,3	42 800	42 800					36,0
38,0	60,8	120,3	39 600	39 600	63,3	121,3	42 700	42 700	66,9	122,4	42 000	42 000	38,0
40,0	58,5	119,1	37 900	37 900	61,1	120,2	42 300	42 300	64,8	121,4	42 100	42 200	40,0
42,0	56,2	117,7	36 200	36 200	58,9	119,0	41 100	41 100	62,7	120,4	40 900	42 300	42,0
44,0	53,9	116,3	34 600	34 600	56,6	117,7	39 800	39 800	60,5	119,3	38 500	42 400	44,0
46,0	51,5	114,7	33 000	33 000	54,3	116,3	38 100	38 100	58,2	118,1	36 300	41 400	46,0
48,0	48,9	113,0	31 500	31 500	51,8	114,7	36 400	36 500	55,9	116,7	34 300	40 300	48,0
50,0	46,3	111,1	30 000	30 000	49,3	113,0	34 500	34 900	53,6	115,3	32 400	39 200	50,0
52,0	43,6	109,1	28 600	28 600	46,7	111,2	32 700	33 300	51,1	113,7	30 700	38 100	52,0
54,0	40,7	106,8	27 200	27 200	44,0	109,1	31 100	31 800	48,6	112,0	29 200	36 900	54,0
56,0	37,6	104,3	26 000	26 000	41,1	106,9	29 600	30 400	46,0	110,1	27 800	35 700	56,0
58,0	34,3	101,4	24 900	24 900	38,1	104,4	28 200	29 000	43,2	108,0	26 400	34 500	58,0
60,0	30,7	98,2	23 800	23 800	34,8	101,6	26 900	27 700	40,3	105,7	25 200	33 300	60,0
62,0	26,6	94,4	22 900	22 900	31,2	98,4	25 600	26 500	37,2	103,1	24 000	31 900	62,0
64,0	21,7	89,7	22 200	22 200	27,2	94,7	24 500	25 400	33,8	100,2	22 900	30 600	64,0
66,0	15,5	83,5	21 700	21 700	22,5	90,3	23 400	24 500	30,2	96,9	21 800	29 200	66,0
68,0					16,6	84,4	22 400	23 800	26,0	93,0	20 800	27 600	68,0
70,0					6,2	73,6	21 300	21 700	21,0	88,2	19 800	26 100	70,0
72,0									14,5	81,7	18 800	24 700	72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0

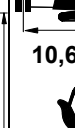
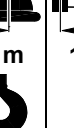
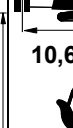
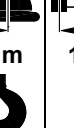
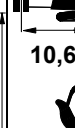
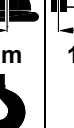
MLC300 VPC-MAX S-1

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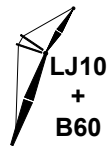
135 100 kg



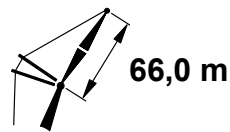
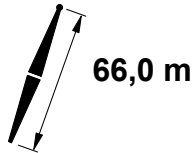
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9														25,9
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0	62,3	118,9		30 100	39 700									48,0
50,0	60,1	117,8		28 400	38 900									50,0
52,0	57,8	116,5		26 800	37 000									52,0
54,0	55,5	115,2		25 400	35 200									54,0
56,0	53,2	113,7		24 100	33 600									56,0
58,0	50,7	112,1		22 800	32 000	57,3	114,4	19 100	29 200					58,0
60,0	48,2	110,3		21 600	30 600	55,0	113,0	18 100	27 900					60,0
62,0	45,5	108,4		20 500	29 300	52,6	111,5	17 100	26 600					62,0
64,0	42,7	106,3		19 500	28 000	50,1	109,9	16 200	25 400					64,0
66,0	39,8	103,9		18 500	26 800	47,5	108,1	15 300	24 400					66,0
68,0	36,6	101,3		17 600	25 700	44,8	106,1	14 500	23 300	51,7	108,7	11 500	21 000	68,0
70,0	33,2	98,4		16 800	24 700	42,0	103,9	13 800	22 400	49,2	107,0	10 800	20 100	70,0
72,0	29,5	95,0		15 900	23 700	39,0	101,5	13 000	21 500	46,6	105,2	10 200	19 300	72,0
74,0	25,2	91,0		15 200	22 800	35,8	98,8	12 400	20 600	43,9	103,1	9 600	18 500	74,0
76,0	20,0	86,0		14 400	21 900	32,3	95,8	11 700	19 800	41,0	100,9	9 000	17 700	76,0
78,0	13,0	78,8		13 700	21 000	28,5	92,3	11 100	19 000	38,0	98,4	8 500	17 000	78,0
80,0						24,0	88,1	10 500	18 200	34,7	95,6	8 000	16 300	80,0
82,0						18,6	82,7	9 900	17 500	31,1	92,4	7 500	15 700	82,0
84,0										27,1	88,7	7 000	15 000	84,0
86,0										22,4	84,2	6 500	14 400	86,0
88,0										16,3	78,2	6 000	13 900	88,0

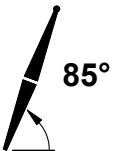
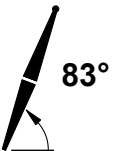
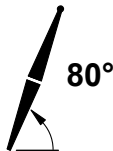
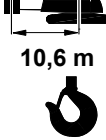
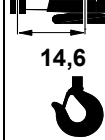
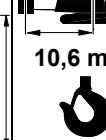
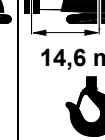
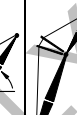
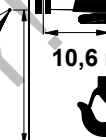
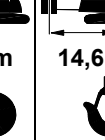
MLC300 VPC-MAX S-1

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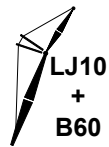
135 100 kg



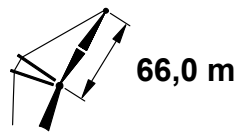
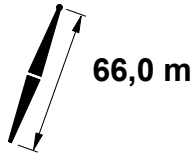
 85°					 83°				 80°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
27,4	73,6	131,4	36 900	36 900										27,4
28,0	73,0	131,2	36 900	36 900										28,0
30,0	71,2	130,5	36 800	36 800										30,0
32,0	69,4	129,8	36 600	36 600	71,5	130,4	36 500	36 500						32,0
34,0	67,5	128,9	36 400	36 400	69,6	129,6	36 500	36 500						34,0
36,0	65,6	128,0	36 200	36 200	67,8	128,8	36 400	36 400						36,0
38,0	63,6	127,1	35 900	35 900	65,9	127,9	36 300	36 300						38,0
40,0	61,7	126,0	34 900	34 900	63,9	127,0	36 200	36 200	67,2	128,0	35 500	35 500		40,0
42,0	59,7	124,8	33 600	33 600	62,0	125,9	36 000	36 000	65,3	127,1	35 600	35 600		42,0
44,0	57,6	123,6	32 200	32 200	60,0	124,8	35 900	35 900	63,4	126,1	35 700	35 700		44,0
46,0	55,5	122,2	30 900	30 900	57,9	123,5	35 100	35 100	61,4	125,0	35 500	35 700		46,0
48,0	53,4	120,8	29 600	29 600	55,8	122,2	33 900	33 900	59,4	123,9	33 700	35 700		48,0
50,0	51,1	119,2	28 400	28 400	53,7	120,7	32 700	32 700	57,4	122,6	31 900	35 300		50,0
52,0	48,9	117,4	27 100	27 100	51,5	119,2	31 400	31 400	55,2	121,2	30 200	34 200		52,0
54,0	46,5	115,6	25 900	25 900	49,2	117,5	30 200	30 200	53,1	119,8	28 700	33 100		54,0
56,0	44,0	113,5	24 800	24 800	46,8	115,6	28 900	28 900	50,9	118,1	27 200	32 000		56,0
58,0	41,4	111,3	23 700	23 700	44,4	113,6	27 700	27 700	48,6	116,4	25 800	30 800		58,0
60,0	38,7	108,9	22 700	22 700	41,8	111,4	26 400	26 500	46,2	114,5	24 500	29 700		60,0
62,0	35,7	106,2	21 800	21 800	39,1	109,0	25 200	25 400	43,7	112,5	23 300	28 500		62,0
64,0	32,6	103,1	20 900	20 900	36,2	106,3	24 000	24 300	41,1	110,2	22 200	27 300		64,0
66,0	29,1	99,7	20 100	20 100	33,1	103,4	23 000	23 300	38,3	107,7	21 100	26 200		66,0
68,0	25,2	95,7	19 500	19 500	29,7	100,0	22 000	22 400	35,3	105,0	20 100	25 000		68,0
70,0	20,6	90,8	18 900	18 900	25,9	96,1	21 000	21 400	32,2	101,9	19 200	23 900		70,0
72,0	14,6	84,2	18 500	18 500	21,4	91,3	20 100	20 300	28,6	98,4	18 300	22 700		72,0
74,0					15,7	85,1	19 100	19 300	24,7	94,3	17 400	21 600		74,0
76,0					5,6	73,6	17 900	17 900	19,9	89,2	16 600	20 600		76,0
78,0									13,7	82,3	15 800	19 600		78,0
80,0														80,0
82,0														82,0
84,0														84,0
86,0														86,0
88,0														88,0
90,0														90,0
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MLC300 VPC-MAX S-1

ASME B30.5



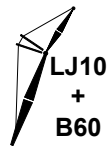
135 100 kg



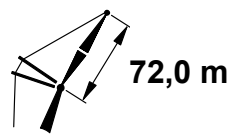
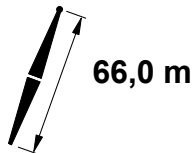
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	61,1	123,5	26 000	33 500									52,0
54,0	59,0	122,4	24 600	33 800									54,0
56,0	57,0	121,1	23 200	33 000									56,0
58,0	54,9	119,7	22 000	31 400									58,0
60,0	52,7	118,2	20 800	30 000									60,0
62,0	50,5	116,5	19 700	28 700	56,5	118,9	16 200	26 000					62,0
64,0	48,1	114,8	18 700	27 400	54,3	117,5	15 300	24 800					64,0
66,0	45,7	112,9	17 800	26 300	52,2	116,0	14 500	23 700					66,0
68,0	43,2	110,8	16 900	25 200	49,9	114,3	13 700	22 700					68,0
70,0	40,6	108,5	16 000	24 100	47,6	112,5	12 900	21 800					70,0
72,0	37,8	106,0	15 200	23 200	45,1	110,6	12 200	20 900	51,4	113,2	9 300	18 600	72,0
74,0	34,8	103,2	14 500	22 200	42,6	108,4	11 600	20 000	49,1	111,5	8 700	17 800	74,0
76,0	31,6	100,0	13 700	21 400	39,9	106,1	10 900	19 200	46,8	109,6	8 200	17 100	76,0
78,0	28,0	96,4	13 000	20 500	37,1	103,5	10 300	18 400	44,3	107,6	7 600	16 400	78,0
80,0	23,9	92,2	12 400	19 700	34,0	100,6	9 700	17 700	41,7	105,4	7 100	15 700	80,0
82,0	19,0	86,9	11 700	19 000	30,7	97,4	9 200	17 000	39,0	103,0	6 600	15 100	82,0
84,0					27,0	93,6	8 600	16 300	36,1	100,3	6 200	14 500	84,0
86,0					22,8	89,2	8 100	15 700	33,0	97,3	5 700	13 900	86,0
88,0					17,6	83,5	7 600	15 100	29,5	93,9	5 300	13 300	88,0
90,0									25,7	90,0	4 900	12 800	90,0
92,0									21,2	85,2		12 300	92,0
94,0									15,5	78,9		11 800	94,0
96,0									4,8	66,8		11 200	96,0

MLC300 VPC-MAX S-1

ASME B30.5



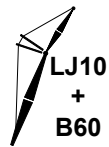
135 100 kg



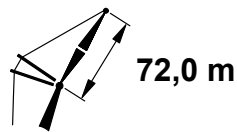
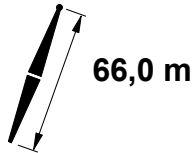
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,7	137,2	31 300	31 300									29,0
30,0	72,8	136,9	31 200	31 200									30,0
32,0	71,2	136,2	31 100	31 100									32,0
34,0	69,5	135,4	30 900	30 900	71,4	136,0	30 800	30 800					34,0
36,0	67,7	134,6	30 700	30 700	69,7	135,3	30 700	30 700					36,0
38,0	66,0	133,7	30 500	30 500	68,0	134,5	30 700	30 700					38,0
40,0	64,2	132,8	30 300	30 300	66,3	133,6	30 600	30 600					40,0
42,0	62,4	131,8	30 100	30 100	64,5	132,7	30 400	30 400	67,5	133,7	29 800	29 800	42,0
44,0	60,6	130,6	29 600	29 600	62,7	131,6	30 300	30 300	65,8	132,8	29 800	29 800	44,0
46,0	58,8	129,4	28 600	28 600	60,9	130,5	30 100	30 100	64,0	131,8	29 800	29 800	46,0
48,0	56,9	128,1	27 600	27 600	59,1	129,4	29 900	29 900	62,2	130,8	29 800	29 800	48,0
50,0	54,9	126,8	26 500	26 500	57,2	128,1	29 200	29 200	60,4	129,7	29 800	29 800	50,0
52,0	52,9	125,3	25 500	25 500	55,2	126,7	28 200	28 200	58,5	128,5	29 600	29 700	52,0
54,0	50,9	123,7	24 500	24 500	53,3	125,2	27 200	27 200	56,6	127,2	28 100	29 400	54,0
56,0	48,8	121,9	23 500	23 500	51,2	123,6	26 300	26 300	54,7	125,8	26 600	28 500	56,0
58,0	46,6	120,1	22 600	22 600	49,1	121,9	25 200	25 200	52,7	124,2	25 200	27 500	58,0
60,0	44,4	118,0	21 700	21 700	47,0	120,1	24 200	24 200	50,6	122,6	23 900	26 500	60,0
62,0	42,0	115,9	20 800	20 800	44,7	118,1	23 200	23 200	48,5	120,9	22 700	25 500	62,0
64,0	39,5	113,5	20 000	20 000	42,4	115,9	22 100	22 100	46,3	119,0	21 600	24 500	64,0
66,0	36,9	110,9	19 200	19 200	39,9	113,6	21 100	21 100	44,1	117,0	20 500	23 500	66,0
68,0	34,1	108,0	18 400	18 400	37,3	111,0	20 000	20 000	41,7	114,8	19 500	22 400	68,0
70,0	31,1	104,8	17 400	17 400	34,6	108,2	19 000	19 000	39,2	112,4	18 600	21 300	70,0
72,0	27,8	101,2	16 400	16 400	31,6	105,1	17 900	17 900	36,6	109,7	17 700	20 200	72,0
74,0	24,1	96,9	15 500	15 500	28,4	101,5	16 900	16 900	33,8	106,8	16 900	19 200	74,0
76,0	19,7	91,8	14 600	14 600	24,7	97,4	16 000	16 000	30,7	103,6	16 100	18 100	76,0
78,0	14,0	84,9	13 800	13 800	20,4	92,4	15 000	15 000	27,4	99,9	15 300	17 100	78,0
80,0					15,0	85,9	14 200	14 200	23,6	95,5	14 600	16 100	80,0
82,0									19,1	90,2	13 800	15 200	82,0
84,0									13,1	82,9	13 100	14 300	84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0

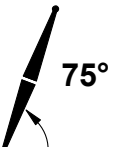
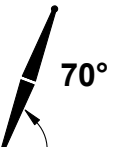
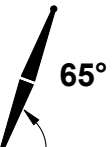
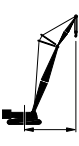
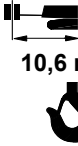
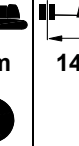
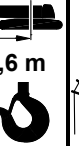
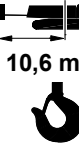
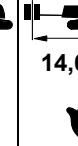
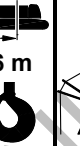
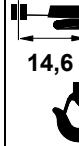
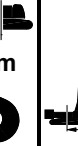
MLC300 VPC-MAX S-1

ASME B30.5



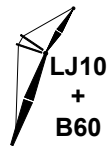
135 100 kg



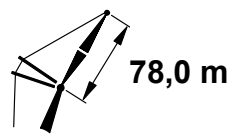
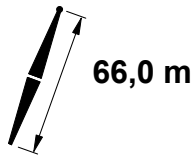
	 75°				 70°				 65°								
																	
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
29,0																	29,0
30,0																	30,0
32,0																	32,0
34,0																	34,0
36,0																	36,0
38,0																	38,0
40,0																	40,0
42,0																	42,0
44,0																	44,0
46,0																	46,0
48,0																	48,0
50,0																	50,0
52,0		63,7	130,4	25 300	27 600												52,0
54,0		61,9	129,3	23 900	27 800												54,0
56,0		60,1	128,2	22 600	28 000												56,0
58,0		58,2	126,9	21 300	28 200												58,0
60,0		56,3	125,6	20 200	28 300												60,0
62,0		54,3	124,2	19 100	28 000												62,0
64,0		52,3	122,7	18 100	27 000	57,7	124,8	14 600	24 300								64,0
66,0		50,3	121,0	17 100	25 800	55,8	123,5	13 800	23 200								66,0
68,0		48,1	119,3	16 200	24 700	53,8	122,0	13 000	22 200								68,0
70,0		45,9	117,3	15 400	23 700	51,8	120,5	12 300	21 300								70,0
72,0		43,7	115,3	14 600	22 700	49,8	118,8	11 600	20 400								72,0
74,0		41,3	113,0	13 900	21 800	47,6	117,0	10 900	19 500								74,0
76,0		38,8	110,6	13 100	20 900	45,4	115,1	10 300	18 700	51,1	117,7	7 500	16 600				76,0
78,0		36,1	107,9	12 500	20 100	43,1	113,0	9 700	18 000	49,1	116,0	6 900	15 900				78,0
80,0		33,3	105,0	11 800	19 300	40,7	110,7	9 100	17 200	46,9	114,1	6 400	15 200				80,0
82,0		30,2	101,6	11 200	18 600	38,1	108,2	8 600	16 600	44,6	112,1	6 000	14 600				82,0
84,0		26,7	97,8	10 600	17 600	35,4	105,4	8 000	15 900	42,3	110,0	5 500	14 000				84,0
86,0		22,9	93,4	10 000	16 600	32,5	102,4	7 500	15 300	39,8	107,6	5 100	13 400				86,0
88,0		18,2	87,8	9 500	15 600	29,4	99,0	7 000	14 700	37,2	105,0	4 700	12 900				88,0
90,0						25,8	95,0	6 600	14 100	34,5	102,2		12 300				90,0
92,0						21,8	90,3	6 100	13 600	31,5	99,0		11 800				92,0
94,0						16,8	84,4	5 700	13 000	28,2	95,4		11 300				94,0
96,0						9,4	75,3	5 200	12 500	24,6	91,3		10 900				96,0
98,0										20,3	86,3		10 400				98,0
100,0										14,8	79,7		10 000				100,0
102,0										4,6	67,1		9 500				102,0

MLC300 VPC-MAX S-1

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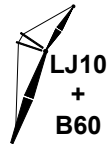
135 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,8	143,0	26 600	26 600									30,5
32,0	72,7	142,5	26 500	26 500									32,0
34,0	71,1	141,8	26 400	26 400									34,0
36,0	69,5	141,1	26 200	26 200									36,0
38,0	68,0	140,3	26 000	26 000	69,8	141,0	26 000	26 000					38,0
40,0	66,4	139,4	25 800	25 800	68,2	140,2	25 900	25 900					40,0
42,0	64,7	138,5	25 600	25 600	66,6	139,3	25 800	25 800					42,0
44,0	63,1	137,5	25 400	25 400	65,0	138,4	25 600	25 600	67,8	139,4	25 100	25 100	44,0
46,0	61,4	136,4	25 200	25 200	63,3	137,4	25 500	25 500	66,1	138,5	25 100	25 100	46,0
48,0	59,7	135,2	25 000	25 000	61,7	136,3	25 300	25 300	64,5	137,6	25 100	25 100	48,0
50,0	58,0	134,0	24 400	24 400	60,0	135,2	25 100	25 100	62,9	136,5	25 000	25 000	50,0
52,0	56,2	132,7	23 600	23 600	58,3	133,9	24 900	24 900	61,2	135,4	24 900	24 900	52,0
54,0	54,4	131,3	22 700	22 700	56,5	132,6	24 800	24 800	59,5	134,3	24 800	24 800	54,0
56,0	52,6	129,8	21 900	21 900	54,7	131,2	24 200	24 200	57,8	133,0	24 700	24 700	56,0
58,0	50,7	128,1	21 100	21 100	52,9	129,7	23 400	23 400	56,0	131,7	24 500	24 700	58,0
60,0	48,8	126,4	20 300	20 300	51,0	128,1	22 500	22 500	54,2	130,3	23 200	24 400	60,0
62,0	46,8	124,5	19 600	19 600	49,1	126,4	21 500	21 500	52,3	128,7	22 000	23 600	62,0
64,0	44,7	122,6	18 800	18 800	47,1	124,6	20 500	20 500	50,5	127,1	20 900	22 700	64,0
66,0	42,5	120,4	17 900	17 900	45,0	122,6	19 500	19 500	48,5	125,4	19 800	21 800	66,0
68,0	40,3	118,1	16 900	16 900	42,9	120,5	18 500	18 500	46,5	123,5	18 800	20 800	68,0
70,0	37,9	115,6	15 900	15 900	40,6	118,2	17 500	17 500	44,4	121,5	17 900	19 800	70,0
72,0	35,4	112,8	15 000	15 000	38,3	115,7	16 500	16 500	42,2	119,3	17 000	18 800	72,0
74,0	32,7	109,8	14 000	14 000	35,8	113,0	15 500	15 500	40,0	117,0	16 200	17 700	74,0
76,0	29,9	106,4	13 000	13 000	33,2	110,0	14 500	14 500	37,6	114,4	15 400	16 700	76,0
78,0	26,7	102,6	12 100	12 100	30,3	106,7	13 500	13 500	35,1	111,6	14 600	15 600	78,0
80,0	23,1	98,2	11 200	11 200	27,2	103,0	12 500	12 500	32,4	108,6	13 900	14 600	80,0
82,0	18,9	92,8	10 300	10 300	23,7	98,6	11 600	11 600	29,5	105,1	13 200	13 600	82,0
84,0	13,4	85,6	9 500	9 500	19,6	93,4	10 700	10 700	26,3	101,3	12 500	12 600	84,0
86,0					14,4	86,6	9 800	9 800	22,6	96,7	11 700	11 700	86,0
88,0									18,3	91,2	10 700	10 700	88,0
90,0									12,5	83,6	9 900	9 900	90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
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MLC300 VPC-MAX S-1

ASME B30.5



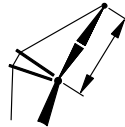
135 100 kg



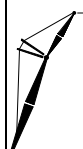
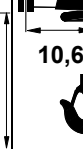
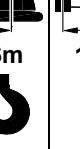
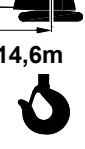
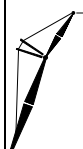
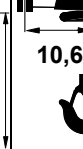
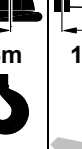
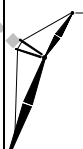
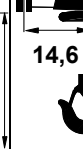
360°



66,0 m

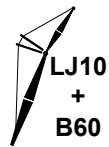


78,0 m

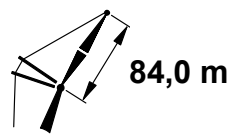
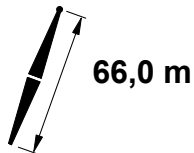
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0														54,0
56,0	62,6	135,0	21 700	23 200										56,0
58,0	60,9	133,9	20 500	23 300										58,0
60,0	59,2	132,8	19 300	23 400										60,0
62,0	57,5	131,5	18 300	23 500										62,0
64,0	55,7	130,1	17 300	23 500										64,0
66,0	53,9	128,7	16 300	23 500										66,0
68,0	52,0	127,2	15 500	23 600	57,0	129,4	12 100	21 300						68,0
70,0	50,1	125,5	14 600	22 900	55,2	128,0	11 400	20 600						70,0
72,0	48,2	123,7	13 800	22 100	53,4	126,5	10 700	19 700						72,0
74,0	46,1	121,8	13 100	21 100	51,6	125,0	10 100	18 900						74,0
76,0	44,0	119,8	12 400	20 200	49,6	123,3	9 400	18 100						76,0
78,0	41,8	117,6	11 700	19 200	47,7	121,5	8 800	17 400	52,8	123,8	15 200			78,0
80,0	39,6	115,2	11 100	18 100	45,6	119,6	8 300	16 700	50,9	122,1	14 600			80,0
82,0	37,2	112,6	10 500	17 100	43,5	117,5	7 800	16 000	49,0	120,4	13 900			82,0
84,0	34,6	109,8	9 900	16 000	41,3	115,2	7 200	15 300	47,0	118,6	13 400			84,0
86,0	31,9	106,7	9 300	15 000	39,0	112,8	6 700	14 700	44,9	116,6	12 800			86,0
88,0	28,9	103,2	8 800	13 900	36,6	110,2	6 300	14 100	42,8	114,5	12 200			88,0
90,0	25,7	99,2	8 300	12 900	34,0	107,3	5 800	13 600	40,5	112,2	11 700			90,0
92,0	21,9	94,5	7 800	12 000	31,2	104,1	5 400	13 000	38,2	109,7	11 200			92,0
94,0	17,4	88,7	7 300	11 000	28,2	100,5	5 000	12 500	35,7	107,0	10 800			94,0
96,0	11,2	80,5	6 800	10 200	24,8	96,3	4 600	12 000	33,1	104,0	10 300			96,0
98,0					20,9	91,4		11 500	30,2	100,7	9 900			98,0
100,0					16,1	85,3		11 000	27,1	96,9	9 400			100,0
102,0					9,0	75,8		10 400	23,6	92,5	9 000			102,0
104,0									19,5	87,3	8 600			104,0
106,0									14,2	80,4	8 200			106,0

MLC300 VPC-MAX S-1

ASME B30.5



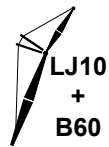
135 100 kg



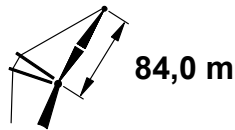
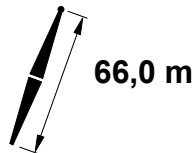
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,9	148,8	22 700	22 700									32,0
34,0	72,5	148,2	22 500	22 500									34,0
36,0	71,1	147,5	22 400	22 400									36,0
38,0	69,6	146,8	22 200	22 200									38,0
40,0	68,1	146,0	22 000	22 000	69,8	146,6	22 000	22 000					40,0
42,0	66,7	145,1	21 800	21 800	68,4	145,8	21 800	21 800					42,0
44,0	65,2	144,2	21 500	21 500	66,9	145,0	21 700	21 700					44,0
46,0	63,6	143,2	21 300	21 300	65,4	144,1	21 500	21 500	68,0	145,0	21 100	21 100	46,0
48,0	62,1	142,2	21 100	21 100	63,9	143,1	21 300	21 300	66,5	144,2	21 100	21 100	48,0
50,0	60,5	141,0	20 900	20 900	62,3	142,1	21 100	21 100	65,0	143,3	21 000	21 000	50,0
52,0	58,9	139,8	20 700	20 700	60,8	140,9	21 000	21 000	63,4	142,3	20 900	20 900	52,0
54,0	57,3	138,6	20 500	20 500	59,2	139,8	20 800	20 800	61,9	141,2	20 700	20 700	54,0
56,0	55,7	137,2	20 100	20 100	57,6	138,5	20 600	20 600	60,3	140,1	20 600	20 600	56,0
58,0	54,0	135,8	19 500	19 500	55,9	137,2	20 400	20 400	58,7	138,9	20 500	20 500	58,0
60,0	52,3	134,2	18 900	18 900	54,3	135,7	20 200	20 200	57,1	137,6	20 300	20 300	60,0
62,0	50,5	132,6	18 200	18 200	52,6	134,2	20 000	20 000	55,5	136,2	20 200	20 200	62,0
64,0	48,7	130,9	17 600	17 600	50,8	132,6	19 900	19 900	53,8	134,8	20 100	20 100	64,0
66,0	46,9	129,0	17 000	17 000	49,0	130,9	19 600	19 600	52,1	133,2	19 200	19 900	66,0
68,0	44,9	127,1	16 400	16 400	47,1	129,1	19 000	19 000	50,3	131,6	18 300	19 800	68,0
70,0	43,0	124,9	15 800	15 800	45,2	127,1	18 300	18 300	48,5	129,8	17 300	19 700	70,0
72,0	40,9	122,7	15 200	15 200	43,3	125,0	17 700	17 700	46,6	128,0	16 500	19 500	72,0
74,0	38,7	120,2	14 700	14 700	41,2	122,8	17 100	17 100	44,7	126,0	15 600	19 400	74,0
76,0	36,5	117,6	14 200	14 200	39,1	120,3	16 600	16 600	42,7	123,8	14 800	19 300	76,0
78,0	34,1	114,7	13 800	13 800	36,8	117,7	15 900	16 000	40,6	121,5	14 100	19 200	78,0
80,0	31,5	111,5	13 300	13 300	34,4	114,9	15 100	15 500	38,4	119,1	13 400	18 800	80,0
82,0	28,7	108,0	12 900	12 900	31,9	111,7	14 400	15 000	36,2	116,4	12 700	17 900	82,0
84,0	25,7	104,0	12 600	12 600	29,2	108,3	13 700	14 600	33,7	113,5	12 000	16 900	84,0
86,0	22,3	99,4	12 300	12 300	26,2	104,4	13 000	14 000	31,2	110,2	11 400	15 900	86,0
88,0	18,2	93,8	11 900	11 900	22,8	99,8	12 400	13 100	28,4	106,7	10 800	14 900	88,0
90,0	12,9	86,3	11 200	11 200	18,9	94,4	11 800	12 300	25,3	102,6	10 300	14 000	90,0
92,0					13,9	87,4	11 200	11 400	21,8	97,9	9 700	13 100	92,0
94,0									17,6	92,1	9 200	12 200	94,0
96,0									12,1	84,2	8 600	11 400	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0

MLC300 VPC-MAX S-1

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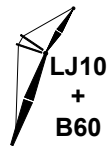
135 100 kg



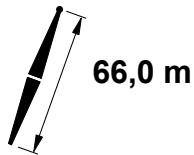
	75°				70°				65°			
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	63,2	140,8	19 300	19 400								58,0
60,0	61,6	139,7	18 700	19 400								60,0
62,0	60,1	138,6	17 600	19 400								62,0
64,0	58,5	137,3	16 600	19 400								64,0
66,0	56,8	136,0	15 700	19 400								66,0
68,0	55,2	134,7	14 800	19 400								68,0
70,0	53,5	133,2	14 000	19 300								70,0
72,0	51,8	131,6	13 200	19 300	56,4	133,9	10 100	17 800				72,0
74,0	50,0	130,0	12 500	19 200	54,8	132,5	9 400	17 900				74,0
76,0	48,2	128,2	11 800	19 200	53,1	131,0	8 800	17 600				76,0
78,0	46,3	126,3	11 100	19 000	51,3	129,5	8 200	16 900				78,0
80,0	44,3	124,3	10 500	18 400	49,5	127,8	7 700	16 200				80,0
82,0	42,3	122,1	9 900	17 600	47,7	126,0	7 100	15 500	52,5	128,3	13 500	82,0
84,0	40,2	119,8	9 300	16 900	45,8	124,0	6 600	14 900	50,7	126,6	12 900	84,0
86,0	38,1	117,3	8 800	16 300	43,9	122,0	6 100	14 300	48,9	124,9	12 300	86,0
88,0	35,7	114,6	8 200	15 600	41,8	119,8	5 700	13 700	47,1	123,1	11 800	88,0
90,0	33,3	111,6	7 700	15 000	39,7	117,4	5 200	13 100	45,2	121,1	11 300	90,0
92,0	30,7	108,3	7 200	14 400	37,5	114,9	4 800	12 600	43,2	119,0	10 800	92,0
94,0	27,8	104,7	6 800	13 900	35,2	112,1		12 100	41,1	116,8	10 300	94,0
96,0	24,7	100,5	6 300	13 400	32,7	109,0		11 600	39,0	114,3	9 900	96,0
98,0	21,1	95,6	5 900	12 800	30,0	105,7		11 100	36,7	111,7	9 400	98,0
100,0	16,8	89,6	5 500	12 300	27,1	101,9		10 700	34,4	108,8	9 000	100,0
102,0	10,8	81,1	5 000	11 500	23,9	97,6		10 200	31,8	105,7	8 600	102,0
104,0					20,1	92,5		9 800	29,1	102,2	8 200	104,0
106,0					15,5	86,1		9 400	26,1	98,3	7 800	106,0
108,0					8,7	76,3		8 900	22,7	93,8	7 500	108,0
110,0									18,7	88,3	7 100	110,0
112,0									13,7	81,1	6 800	112,0

MLC300 VPC-MAX S-1

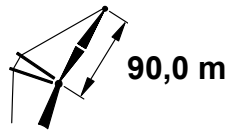
ASME B30.5



135 100 kg



66,0 m

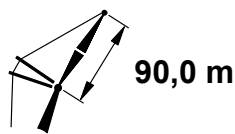
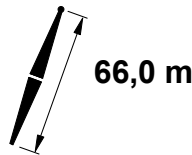


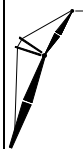
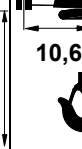
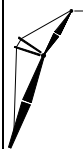
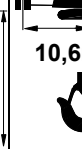
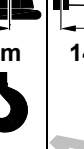
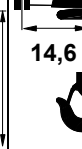
90,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	73,0	154,2	19 100	19 100									35,1
36,0	72,4	153,8	19 100	19 100									36,0
38,0	71,0	153,2	18 900	18 900									38,0
40,0	69,7	152,4	18 700	18 700	71,2	153,0	18 700	18 700					40,0
42,0	68,3	151,6	18 500	18 500	69,9	152,3	18 500	18 500					42,0
44,0	66,9	150,8	18 300	18 300	68,5	151,5	18 300	18 300					44,0
46,0	65,5	149,9	18 100	18 100	67,1	150,7	18 200	18 200					46,0
48,0	64,1	148,9	17 800	17 800	65,7	149,8	18 000	18 000	68,1	150,7	17 700	17 700	48,0
50,0	62,7	147,9	17 600	17 600	64,3	148,8	17 800	17 800	66,7	149,9	17 600	17 600	50,0
52,0	61,2	146,8	17 400	17 400	62,9	147,8	17 600	17 600	65,3	149,0	17 500	17 500	52,0
54,0	59,8	145,7	17 200	17 200	61,5	146,7	17 400	17 400	63,9	148,0	17 400	17 400	54,0
56,0	58,3	144,4	17 000	17 000	60,0	145,6	17 300	17 300	62,5	146,9	17 300	17 300	56,0
58,0	56,8	143,1	16 800	16 800	58,5	144,4	17 100	17 100	61,0	145,9	17 100	17 100	58,0
60,0	55,2	141,7	16 600	16 600	57,0	143,1	16 900	16 900	59,6	144,7	17 000	17 000	60,0
62,0	53,6	140,3	16 400	16 400	55,4	141,7	16 700	16 700	58,1	143,4	16 800	16 800	62,0
64,0	52,0	138,7	16 100	16 100	53,9	140,2	16 500	16 500	56,6	142,1	16 700	16 700	64,0
66,0	50,4	137,1	15 600	15 600	52,3	138,7	16 400	16 400	55,0	140,7	16 500	16 500	66,0
68,0	48,7	135,4	15 100	15 100	50,6	137,1	16 200	16 200	53,4	139,3	16 400	16 400	68,0
70,0	47,0	133,5	14 600	14 600	48,9	135,4	16 000	16 000	51,8	137,7	16 200	16 200	70,0
72,0	45,2	131,5	14 100	14 100	47,2	133,5	15 900	15 900	50,2	136,1	15 700	16 100	72,0
74,0	43,3	129,5	13 700	13 700	45,4	131,6	15 700	15 700	48,5	134,3	14 900	16 000	74,0
76,0	41,4	127,2	13 200	13 200	43,6	129,5	15 400	15 400	46,7	132,5	14 100	15 800	76,0
78,0	39,4	124,8	12 800	12 800	41,7	127,3	14 900	14 900	44,9	130,5	13 400	15 700	78,0
80,0	37,4	122,3	12 400	12 400	39,7	124,9	14 400	14 400	43,1	128,4	12 700	15 600	80,0
82,0	35,2	119,5	12 000	12 000	37,7	122,4	13 700	14 000	41,2	126,1	12 000	15 500	82,0
84,0	32,9	116,4	11 600	11 600	35,5	119,6	13 100	13 500	39,2	123,7	11 400	15 400	84,0
86,0	30,4	113,1	11 300	11 300	33,2	116,7	12 400	13 200	37,1	121,1	10 700	15 300	86,0
88,0	27,7	109,4	11 000	11 000	30,8	113,4	11 800	12 800	34,9	118,3	10 200	15 000	88,0
90,0	24,8	105,3	10 700	10 700	28,2	109,8	11 200	12 200	32,6	115,2	9 600	14 300	90,0
92,0	21,5	100,5	9 800	9 800	25,3	105,7	10 600	11 300	30,1	111,9	9 100	13 600	92,0
94,0	17,6	94,7	9 000	9 000	22,0	101,0	10 000	10 500	27,4	108,1	8 500	12 700	94,0
96,0	12,5	86,9	8 100	8 100	18,2	95,4	9 500	9 500	24,4	103,9	8 000	11 800	96,0
98,0					13,4	88,1	8 700	8 700	21,0	99,0	7 600	10 900	98,0
100,0									17,0	93,0	7 100	9 900	100,0
102,0									11,7	84,9	6 600	9 000	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0

MLC300 VPC-MAX S-1

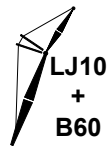
ASME B30.5



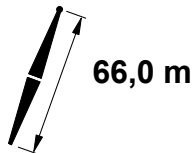
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0	62,2	145,5	16 100	16 100								62,0
64,0	60,8	144,3	15 800	16 100								64,0
66,0	59,3	143,2	14 900	16 000								66,0
68,0	57,8	141,9	14 000	16 000								68,0
70,0	56,3	140,6	13 200	15 900								70,0
72,0	54,7	139,2	12 400	15 800								72,0
74,0	53,1	137,7	11 700	15 800	57,4	139,8	8 600	14 600				74,0
76,0	51,5	136,1	11 000	15 700	55,9	138,5	8 000	14 600				76,0
78,0	49,9	134,5	10 300	15 600	54,3	137,0	7 400	14 700				78,0
80,0	48,2	132,7	9 700	15 500	52,8	135,5	6 800	14 700				80,0
82,0	46,4	130,8	9 100	15 500	51,1	133,9	6 300	14 700				82,0
84,0	44,6	128,8	8 600	15 400	49,5	132,2	5 800	14 300	53,8	134,3	12 200	84,0
86,0	42,8	126,7	8 000	15 300	47,7	130,4	5 300	13 700	52,2	132,7	11 700	86,0
88,0	40,8	124,4	7 500	15 000	46,0	128,5	4 900	13 100	50,6	131,1	11 100	88,0
90,0	38,8	121,9	7 000	14 500	44,2	126,5		12 500	48,9	129,4	10 600	90,0
92,0	36,7	119,3	6 500	13 900	42,3	124,3		12 000	47,2	127,6	10 100	92,0
94,0	34,5	116,5	6 100	13 400	40,3	122,0		11 500	45,4	125,6	9 700	94,0
96,0	32,1	113,3	5 600	12 800	38,3	119,5		11 000	43,5	123,5	9 200	96,0
98,0	29,6	109,9	5 200	12 300	36,2	116,8		10 600	41,6	121,3	8 800	98,0
100,0	26,9	106,1	4 800	11 800	33,9	113,9		10 100	39,7	118,9	8 400	100,0
102,0	23,8	101,8		11 400	31,5	110,7		9 700	37,6	116,4	8 000	102,0
104,0	20,4	96,7		10 900	29,0	107,2		9 300	35,4	113,6	7 600	104,0
106,0	16,2	90,5		10 500	26,2	103,3		8 900	33,1	110,6	7 300	106,0
108,0	10,4	81,6		9 700	23,0	98,8		8 500	30,7	107,4	6 900	108,0
110,0					19,4	93,5		8 100	28,1	103,7	6 600	110,0
112,0					15,0	86,9		7 700	25,2	99,6	6 200	112,0
114,0					8,4	76,7		7 300	21,9	94,9	5 900	114,0
116,0									18,1	89,3	5 600	116,0

MLC300 VPC-MAX S-1

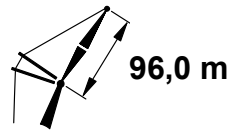
ASME B30.5



135 100 kg



66,0 m

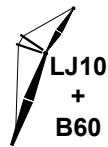


96,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	73,4	160,1	15 600	15 600									36,6
38,0	72,5	159,6	15 500	15 500									38,0
40,0	71,2	158,9	15 300	15 300									40,0
42,0	70,0	158,2	15 100	15 100	71,4	158,8	15 100	15 100					42,0
44,0	68,7	157,4	14 900	14 900	70,2	158,1	15 000	15 000					44,0
46,0	67,4	156,6	14 700	14 700	68,9	157,3	14 800	14 800					46,0
48,0	66,1	155,7	14 500	14 500	67,6	156,5	14 600	14 600					48,0
50,0	64,8	154,8	14 300	14 300	66,3	155,6	14 400	14 400					50,0
52,0	63,4	153,8	14 100	14 100	65,0	154,7	14 300	14 300	67,2	155,7	14 200	14 200	52,0
54,0	62,1	152,8	13 900	13 900	63,6	153,7	14 100	14 100	65,9	154,8	14 100	14 100	54,0
56,0	60,7	151,6	13 700	13 700	62,3	152,7	13 900	13 900	64,6	153,9	13 900	13 900	56,0
58,0	59,3	150,5	13 500	13 500	60,9	151,6	13 700	13 700	63,3	152,9	13 800	13 800	58,0
60,0	57,9	149,2	13 300	13 300	59,5	150,4	13 500	13 500	61,9	151,8	13 600	13 600	60,0
62,0	56,5	147,9	13 200	13 200	58,1	149,2	13 400	13 400	60,5	150,7	13 500	13 500	62,0
64,0	55,0	146,5	13 000	13 000	56,7	147,8	13 200	13 200	59,2	149,5	13 300	13 300	64,0
66,0	53,6	145,1	12 800	12 800	55,3	146,5	13 000	13 000	57,7	148,2	13 100	13 100	66,0
68,0	52,1	143,5	12 700	12 700	53,8	145,0	12 800	12 800	56,3	146,9	13 000	13 000	68,0
70,0	50,5	141,9	12 500	12 500	52,3	143,5	12 700	12 700	54,9	145,5	12 800	12 800	70,0
72,0	48,9	140,2	12 300	12 300	50,8	141,9	12 500	12 500	53,4	144,1	12 700	12 700	72,0
74,0	47,3	138,3	12 200	12 200	49,2	140,2	12 400	12 400	51,9	142,5	12 500	12 500	74,0
76,0	45,7	136,4	12 100	12 100	47,6	138,4	12 200	12 200	50,3	140,9	12 400	12 400	76,0
78,0	44,0	134,3	11 800	11 800	45,9	136,4	12 100	12 100	48,7	139,1	12 300	12 300	78,0
80,0	42,2	132,2	11 500	11 500	44,2	134,4	12 000	12 000	47,1	137,3	12 000	12 100	80,0
82,0	40,4	129,9	11 100	11 100	42,5	132,2	11 900	11 900	45,5	135,3	11 500	12 000	82,0
84,0	38,5	127,4	10 800	10 800	40,7	130,0	11 700	11 700	43,7	133,3	10 800	11 900	84,0
86,0	36,5	124,7	10 200	10 200	38,8	127,5	11 600	11 600	42,0	131,1	10 200	11 800	86,0
88,0	34,4	121,9	9 200	9 200	36,8	124,9	10 900	10 900	40,1	128,7	9 600	11 700	88,0
90,0	32,2	118,7	8 300	8 300	34,7	122,0	9 900	9 900	38,2	126,2	9 100	11 600	90,0
92,0	29,8	115,4	7 300	7 300	32,5	119,0	8 900	8 900	36,2	123,5	8 500	11 300	92,0
94,0	27,3	111,6	6 300	6 300	30,2	115,6	7 900	7 900	34,1	120,7	8 000	10 400	94,0
96,0	24,5	107,4	5 300	5 300	27,7	111,9	6 800	6 800	31,9	117,5	7 500	9 300	96,0
98,0					25,0	107,8	5 800	5 800	29,5	114,1	7 100	8 100	98,0
100,0					21,9	103,1	4 800	4 800	27,0	110,3	6 600	7 000	100,0
102,0									24,1	106,0	5 900	5 900	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0

MLC300 VPC-MAX S-1

ASME B30.5



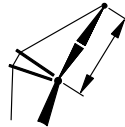
135 100 kg



360°



66,0 m

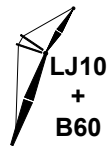


96,0 m

	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	63,0	151,4	12 800	12 800								64,0
66,0	61,7	150,3	12 800	12 800								66,0
68,0	60,3	149,2	12 700	12 700								68,0
70,0	58,9	148,0	12 600	12 600								70,0
72,0	57,5	146,7	11 800	12 500								72,0
74,0	56,1	145,4	11 100	12 400								74,0
76,0	54,6	144,0	10 400	12 300								76,0
78,0	53,1	142,5	9 800	12 200	57,1	144,6	6 700	11 500				78,0
80,0	51,6	140,9	9 100	12 100	55,7	143,2	6 200	11 500				80,0
82,0	50,0	139,2	8 500	12 000	54,2	141,8	5 700	11 500				82,0
84,0	48,5	137,5	8 000	11 900	52,7	140,3	5 200	11 500				84,0
86,0	46,8	135,6	7 400	11 900	51,2	138,7	4 700	11 500				86,0
88,0	45,2	133,7	6 900	11 800	49,7	137,0		11 400				88,0
90,0	43,4	131,6	6 400	11 700	48,1	135,3		11 400	52,2	137,5	10 200	90,0
92,0	41,6	129,4	6 000	11 600	46,4	133,4		11 400	50,7	135,9	9 700	92,0
94,0	39,8	127,0	5 500	11 500	44,7	131,4		11 100	49,1	134,2	9 200	94,0
96,0	37,9	124,5	5 100	11 400	43,0	129,3		10 600	47,5	132,4	8 800	96,0
98,0	35,9	121,7		11 400	41,2	127,0		10 100	45,9	130,4	8 400	98,0
100,0	33,7	118,8		11 000	39,3	124,6		9 700	44,2	128,4	7 900	100,0
102,0	31,5	115,6		10 000	37,4	122,0		9 200	42,4	126,3	7 600	102,0
104,0	29,1	112,1		8 800	35,3	119,3		8 800	40,6	123,9	7 200	104,0
106,0	26,5	108,2		7 500	33,2	116,3		8 400	38,7	121,5	6 800	106,0
108,0	23,6	103,9		6 300	30,9	113,0		8 100	36,7	118,9	6 500	108,0
110,0	20,3	98,8		5 200	28,5	109,4		7 700	34,6	116,0	6 100	110,0
112,0					25,8	105,4		7 300	32,5	112,9	5 800	112,0
114,0					22,9	100,9		6 600	30,1	109,6	5 500	114,0
116,0					19,5	95,6		5 500	27,6	105,9	5 200	116,0

MLC300 VPC-MAX S-1

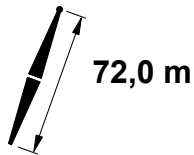
ASME B30.5



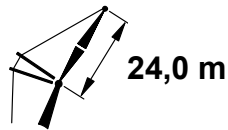
135 100 kg



360°



72,0 m

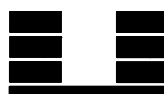
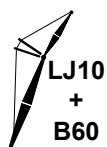


24,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8	71,8	96,8	94 500 d	94 500 d									16,8
18,0	68,6	96,3	93 600 d	93 600 d									18,0
20,0	63,3	95,3	89 000 c	89 000 c	70,0	96,3	94 700 d	94 700 d					20,0
22,0	57,7	94,1	80 700 b	80 700 b	64,7	95,3	90 200 c	90 200 c					22,0
24,0	51,7	92,6	73 800	73 800	59,2	94,2	85 100 b	85 100 b					24,0
26,0	45,1	90,7	68 200	68 200	53,3	92,7	80 100 b	80 100 b	64,0	94,6	77 900 c	87 300 c	26,0
28,0	37,6	88,2	63 800	63 800	46,9	90,9	74 100	74 100	58,5	93,4	71 100 b	82 500 b	28,0
30,0	28,2	84,9	60 400	60 400	39,6	88,6	68 600	68 900	52,5	91,9	65 200	77 800	30,0
32,0	13,3	79,0	58 500	58 500	30,9	85,6	63 400	64 800	46,0	90,1	60 200	73 200	32,0
34,0									38,6	87,7	55 800	68 700	34,0
36,0									29,6	84,5	51 900	64 400	36,0
38,0									16,1	79,3	48 300	59 900	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

MLC300 VPC-MAX S-1

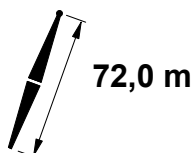
ASME B30.5



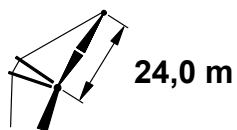
135 100 kg



360°



72,0 m

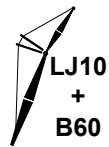


24,0 m

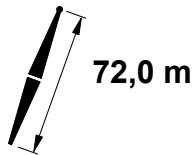
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	58,9	92,1	50 700 b	65 900 b									34,0
36,0	53,0	90,6	47 200	61 500									36,0
38,0	46,5	88,8	44 100	57 500									38,0
40,0	39,2	86,5	41 300	54 000									40,0
42,0	30,4	83,4	38 700	50 800	53,0	88,7	34 100	46 900					42,0
44,0	17,6	78,4	36 400	47 800	46,6	86,9	32 000	44 300					44,0
46,0					39,3	84,6	30 200	41 800					46,0
48,0					30,5	81,5	28 400	39 600					48,0
50,0					17,7	76,5	26 700	37 500	46,0	84,2	22 900	34 500	50,0
52,0									38,6	81,9	21 600	32 800	52,0
54,0									29,5	78,7	20 400	31 200	54,0
56,0									16,0	73,4	19 100	29 600	56,0

MLC300 VPC-MAX S-1

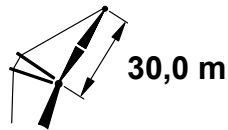
ASME B30.5



135 100 kg



72,0 m

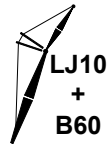


30,0 m

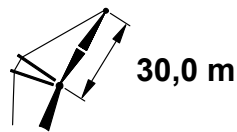
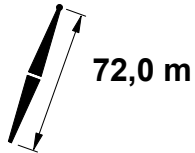
	85°					83°					80°				
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m	
18,3	72,5	102,7	81 500 d	81 500 d											18,3
20,0	69,0	102,0	80 700 c	80 700 c											20,0
22,0	64,8	101,1	78 200 b	78 200 b	70,1	101,9	81 800 c	81 800 c							22,0
24,0	60,4	100,0	72 600	72 600	65,9	101,0	79 900 b	79 900 b							24,0
26,0	55,9	98,6	66 700	66 700	61,6	100,0	76 200 b	76 200 b							26,0
28,0	51,0	97,1	62 000	62 000	57,1	98,7	72 300	72 300	65,4	100,3	70 500 b	77 900 b			28,0
30,0	45,8	95,2	58 000	58 000	52,3	97,2	67 900	67 900	61,0	99,2	64 700	74 200			30,0
32,0	40,0	92,9	54 600	54 600	47,1	95,4	63 100	63 300	56,5	98,0	59 700	70 500			32,0
34,0	33,3	90,0	51 900	51 900	41,5	93,2	58 500	59 400	51,7	96,4	55 400	66 900			34,0
36,0	25,0	86,2	49 900	49 900	35,1	90,6	54 500	56 200	46,5	94,6	51 500	63 300			36,0
38,0	11,7	79,6	49 100	49 100	27,4	87,0	50 900	53 600	40,8	92,3	48 100	59 900			38,0
40,0									34,2	89,6	45 100	56 600			40,0
42,0									26,2	85,9	42 400	53 400			42,0
44,0									14,2	80,0	39 800	49 900			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

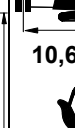
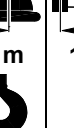
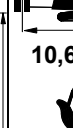
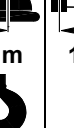
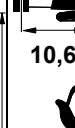
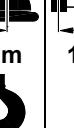
MLC300 VPC-MAX S-1

ASME B30.5



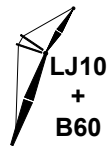
135 100 kg



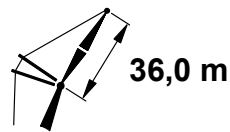
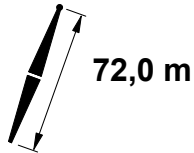
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3																		18,3
20,0																		20,0
22,0																		22,0
24,0																		24,0
26,0																		26,0
28,0																		28,0
30,0																		30,0
32,0																		32,0
34,0																		34,0
36,0	61,4	97,9		46 600	60 900													36,0
38,0	56,8	96,6		43 500	56 900													38,0
40,0	52,0	95,1		40 800	53 500													40,0
42,0	46,9	93,3		38 300	50 300													42,0
44,0	41,2	91,1		36 000	47 500													44,0
46,0	34,8	88,4		34 000	44 900	52,1	93,2	29 400	41 300									46,0
48,0	27,0	84,8		32 100	42 500	46,9	91,4	27 700	39 100									48,0
50,0	15,6	79,2		30 300	40 300	41,3	89,2	26 200	37 100									50,0
52,0						34,8	86,5	24 700	35 300	51,6	90,6	20 700	32 200					52,0
54,0						27,0	82,9	23 400	33 600	46,4	88,7	19 600	30 600					54,0
56,0						15,7	77,3	22 000	31 900	40,7	86,5	18 500	29 200					56,0
58,0										34,2	83,7	17 500	27 800					58,0
60,0										26,2	80,0	16 500	26 500					60,0
62,0										14,1	74,1	15 500	25 300					62,0

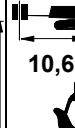
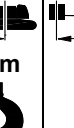
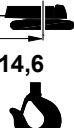
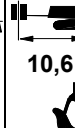
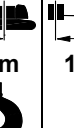
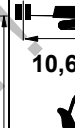
MLC300 VPC-MAX S-1

ASME B30.5



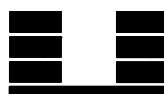
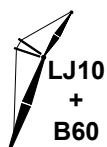
135 100 kg



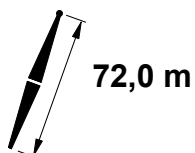
	85°					83°					80°				
															
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m	
19,8	73,0	108,5	70 700 c	70 700 c	70 700 c										19,8
20,0	72,7	108,4	70 700 c	70 700 c	70 700 c										20,0
22,0	69,3	107,7	70 000 b	70 000 b	70 000 b										22,0
24,0	65,8	106,8	68 900	68 900	68 900										24,0
26,0	62,2	105,7	65 800	65 800	65 800	66,7	106,7	70 400 b	70 400 b						26,0
28,0	58,5	104,5	60 900	60 900	60 900	63,1	105,7	68 900	68 900						28,0
30,0	54,6	103,2	56 800	56 800	56 800	59,5	104,6	65 700	65 700	66,3	106,0	64 300	70 000		30,0
32,0	50,5	101,5	53 200	53 200	53 200	55,6	103,2	62 600	62 600	62,7	105,0	59 300	67 400		32,0
34,0	46,2	99,7	50 200	50 200	50 200	51,6	101,7	58 300	58 700	59,0	103,8	55 000	64 400		34,0
36,0	41,5	97,5	47 600	47 600	47 600	47,3	99,9	54 300	55 100	55,1	102,5	51 200	61 500		36,0
38,0	36,2	94,9	45 400	45 400	45 400	42,7	97,8	50 700	52 000	51,1	100,9	47 800	58 600		38,0
40,0	30,2	91,7	43 600	43 600	43 600	37,6	95,3	47 500	49 500	46,8	99,1	44 800	55 800		40,0
42,0	22,7	87,4	42 000	42 000	42 000	31,9	92,3	44 700	47 300	42,1	96,9	42 100	53 100		42,0
44,0	10,6	80,1	41 200	41 200	41 200	24,8	88,4	42 100	45 500	37,0	94,4	39 700	50 500		44,0
46,0										31,1	91,3	37 500	47 900		46,0
48,0										23,8	87,2	35 400	45 400		48,0
50,0										12,9	80,6	33 500	42 600		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

MLC300 VPC-MAX S-1

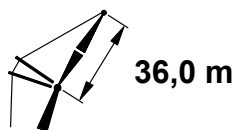
ASME B30.5



135 100 kg



72,0 m

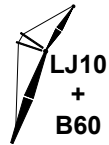


36,0 m

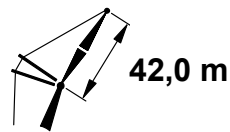
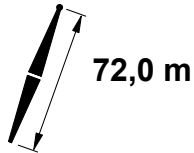
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,3	102,5	40 200	53 000									40,0
42,0	55,4	101,2	37 800	49 900									42,0
44,0	51,4	99,6	35 600	47 100									44,0
46,0	47,1	97,8	33 500	44 600									46,0
48,0	42,5	95,7	31 700	42 300	55,5	99,2	27 100	38 700					48,0
50,0	37,4	93,2	30 000	40 100	51,4	97,7	25 600	36 700					50,0
52,0	31,6	90,1	28 400	38 100	47,1	95,9	24 200	34 900					52,0
54,0	24,5	86,1	26 900	36 300	42,5	93,7	22 900	33 200					54,0
56,0	14,1	79,9	25 400	34 600	37,4	91,2	21 700	31 700	51,1	95,0	17 900	28 700	56,0
58,0					31,6	88,2	20 600	30 200	46,7	93,2	16 900	27 400	58,0
60,0					24,5	84,2	19 500	28 900	42,1	91,1	16 000	26 200	60,0
62,0					14,2	78,0	18 400	27 500	36,9	88,5	15 200	25 000	62,0
64,0									31,0	85,4	14 300	23 900	64,0
66,0									23,8	81,3	13 500	22 900	66,0
68,0									12,8	74,7	12 700	21 900	68,0

MLC300 VPC-MAX S-1

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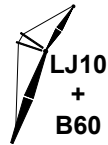
135 100 kg



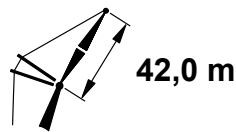
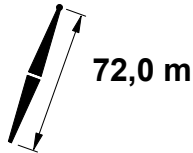
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,3	114,3	61 100 b	61 100 b									21,3
22,0	72,4	114,1	61 000 b	61 000 b									22,0
24,0	69,5	113,3	60 600	60 600									24,0
26,0	66,5	112,5	59 800	59 800	70,2	113,2	61 200	61 200					26,0
28,0	63,5	111,5	57 800	57 800	67,3	112,4	60 900	60 900					28,0
30,0	60,3	110,4	54 900	54 900	64,2	111,5	60 400	60 400					30,0
32,0	57,1	109,1	52 000	52 000	61,1	110,4	59 300	59 300	66,9	111,7	58 700	60 800	32,0
34,0	53,7	107,7	49 100	49 100	57,9	109,2	56 500	56 500	63,9	110,7	54 400	60 400	34,0
36,0	50,2	106,0	46 400	46 400	54,6	107,8	53 600	53 600	60,7	109,6	50 600	58 300	36,0
38,0	46,5	104,2	43 800	43 800	51,1	106,2	50 200	50 800	57,5	108,4	47 300	55 900	38,0
40,0	42,5	102,0	41 300	41 300	47,5	104,4	47 100	48 100	54,2	107,0	44 300	53 600	40,0
42,0	38,2	99,6	39 100	39 100	43,6	102,3	44 300	45 500	50,7	105,4	41 600	51 300	42,0
44,0	33,4	96,7	37 100	37 100	39,3	100,0	41 700	43 000	47,0	103,5	39 200	49 000	44,0
46,0	27,8	93,2	35 400	35 400	34,7	97,2	39 400	40 800	43,0	101,5	37 000	46 500	46,0
48,0	20,9	88,5	34 100	34 100	29,4	93,9	37 300	38 800	38,8	99,1	35 000	44 000	48,0
50,0	9,7	80,6	33 700	33 700	22,9	89,6	35 300	37 200	34,0	96,2	33 200	41 700	50,0
52,0									28,6	92,8	31 500	39 500	52,0
54,0									21,9	88,3	29 900	37 400	54,0
56,0									11,9	81,2	28 400	35 600	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
70,0													70,0
72,0													72,0
74,0													74,0

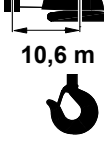
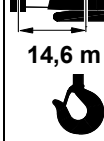
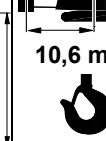
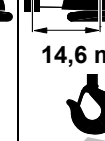
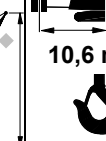
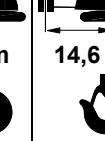
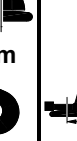
MLC300 VPC-MAX S-1

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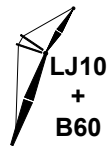
135 100 kg



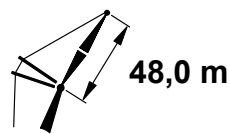
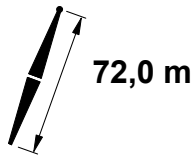
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3														21,3
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0	61,0		108,3	36 900	49 300									42,0
44,0	57,8		107,1	34 700	46 500									44,0
46,0	54,4		105,7	32 700	44 000									46,0
48,0	51,0		104,1	30 900	41 700									48,0
50,0	47,3		102,3	29 200	39 600									50,0
52,0	43,4		100,2	27 700	37 600	54,5	103,7	23 300	34 200					52,0
54,0	39,1		97,8	26 200	35 800	51,0	102,1	22 100	32 600					54,0
56,0	34,4		95,0	24 900	34 200	47,3	100,3	20 900	31 100					56,0
58,0	29,1		91,7	23 600	32 600	43,4	98,3	19 800	29 700					58,0
60,0	22,5		87,3	22 400	31 200	39,2	95,9	18 800	28 300	50,7	99,5	15 100	25 500	60,0
62,0	13,0		80,6	21 200	29 800	34,5	93,1	17 800	27 100	47,0	97,7	14 300	24 400	62,0
64,0						29,1	89,7	16 900	25 900	43,0	95,6	13 500	23 300	64,0
66,0						22,6	85,4	16 000	24 800	38,8	93,2	12 800	22 300	66,0
68,0						13,0	78,7	15 100	23 700	34,0	90,4	12 100	21 400	68,0
70,0										28,6	86,9	11 400	20 500	70,0
72,0										21,9	82,4	10 700	19 600	72,0
74,0										11,8	75,3	10 000	18 800	74,0

MLC300 VPC-MAX S-1

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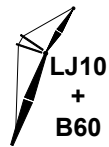
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,6	120,1	52 900	52 900									22,9
24,0	72,1	119,7	52 800	52 800									24,0
26,0	69,6	119,0	52 500	52 500									26,0
28,0	67,0	118,2	52 000	52 000	70,3	118,9	52 800	52 800					28,0
30,0	64,4	117,2	50 500	50 500	67,7	118,1	52 700	52 700					30,0
32,0	61,7	116,1	48 300	48 300	65,1	117,2	52 400	52 400					32,0
34,0	58,9	115,0	45 900	45 900	62,4	116,1	50 700	50 700	67,3	117,4	52 000	52 300	34,0
36,0	56,0	113,6	43 600	43 600	59,6	115,0	48 500	48 500	64,7	116,5	50 000	52 300	36,0
38,0	53,1	112,2	41 400	41 400	56,8	113,7	46 300	46 300	62,0	115,4	46 600	50 900	38,0
40,0	50,0	110,5	39 200	39 200	53,8	112,3	44 000	44 000	59,3	114,2	43 700	48 800	40,0
42,0	46,7	108,7	37 100	37 100	50,8	110,7	41 800	41 800	56,4	112,9	41 000	46 600	42,0
44,0	43,3	106,6	35 200	35 200	47,6	108,9	39 600	39 600	53,4	111,5	38 600	44 400	44,0
46,0	39,6	104,2	33 400	33 400	44,2	106,9	37 500	37 500	50,4	109,8	36 400	42 100	46,0
48,0	35,6	101,5	31 800	31 800	40,6	104,6	35 400	35 400	47,1	108,0	34 400	39 900	48,0
50,0	31,1	98,4	30 300	30 300	36,6	102,0	33 400	33 400	43,7	106,0	32 600	37 700	50,0
52,0	26,0	94,5	29 000	29 000	32,3	99,0	31 600	31 600	40,1	103,7	30 900	35 600	52,0
54,0	19,5	89,5	27 500	27 500	27,4	95,3	29 900	29 900	36,1	101,0	29 400	33 700	54,0
56,0	9,1	81,0	26 100	26 100	21,3	90,7	28 200	28 200	31,7	97,9	28 000	31 800	56,0
58,0									26,7	94,2	26 600	30 000	58,0
60,0									20,4	89,4	25 300	28 400	60,0
62,0									11,0	81,8	24 100	26 900	62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0

MLC300 VPC-MAX S-1

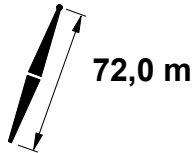
ASME B30.5



135 100 kg



360°



72,0 m

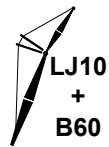


48,0 m

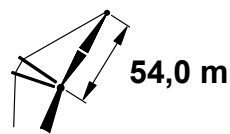
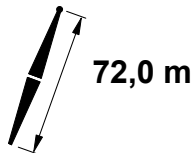
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,5	112,9	31 800	43 300									46,0
48,0	56,6	111,6	30 000	41 000									48,0
50,0	53,7	110,2	28 300	38 900									50,0
52,0	50,6	108,6	26 800	37 000									52,0
54,0	47,4	106,8	25 400	35 200	56,6	109,7	21 100	31 900					54,0
56,0	44,0	104,7	24 000	33 600	53,7	108,2	19 900	30 400					56,0
58,0	40,4	102,5	22 800	32 000	50,6	106,6	18 800	29 000					58,0
60,0	36,5	99,8	21 700	30 600	47,4	104,8	17 800	27 700					60,0
62,0	32,1	96,8	20 600	29 300	44,0	102,8	16 900	26 400	50,4	104,0	12 500	22 600	62,0
64,0	27,1	93,1	19 500	28 000	40,4	100,5	16 000	25 300	47,1	102,2	11 800	21 600	64,0
66,0	21,0	88,4	18 500	26 800	36,5	97,9	15 200	24 200	43,7	100,1	11 100	20 700	66,0
68,0	12,1	81,2	17 600	25 700	32,1	94,9	14 400	23 200	40,1	97,8	10 500	19 800	68,0
70,0					27,1	91,2	13 600	22 200					70,0
72,0					21,0	86,5	12 900	21 300	36,1	95,2	9 900	19 000	72,0
74,0					12,1	79,3	12 100	20 400	31,7	92,1	9 300	18 200	74,0
76,0									26,6	88,3	8 700	17 500	76,0
78,0									20,4	83,5	8 100	16 800	78,0

MLC300 VPC-MAX S-1

ASME B30.5



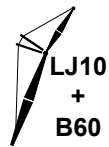
135 100 kg



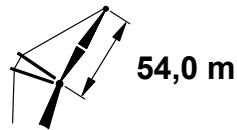
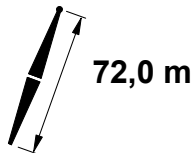
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,8	125,9	45 600	45 600									24,4
26,0	72,0	125,4	45 500	45 500									26,0
28,0	69,7	124,7	45 300	45 300									28,0
30,0	67,4	123,8	45 000	45 000	70,3	124,6	45 400	45 400					30,0
32,0	65,1	122,9	44 300	44 300	68,0	123,8	45 400	45 400					32,0
34,0	62,7	121,9	42 500	42 500	65,7	122,9	45 200	45 200					34,0
36,0	60,3	120,8	40 600	40 600	63,3	121,9	44 300	44 300	67,7	123,1	44 700	44 700	36,0
38,0	57,8	119,5	38 800	38 800	60,9	120,8	42 400	42 400	65,4	122,2	44 900	44 900	38,0
40,0	55,2	118,2	37 000	37 000	58,4	119,6	40 600	40 600	63,0	121,2	43 100	44 400	40,0
42,0	52,5	116,6	35 200	35 200	55,9	118,2	38 700	38 700	60,6	120,0	40 400	42 600	42,0
44,0	49,8	115,0	33 500	33 500	53,2	116,8	36 900	36 900	58,1	118,8	38 000	40 800	44,0
46,0	46,9	113,1	31 800	31 800	50,5	115,1	35 100	35 100	55,5	117,5	35 900	39 100	46,0
48,0	43,9	111,1	30 300	30 300	47,6	113,3	33 300	33 300	52,9	116,0	33 900	37 200	48,0
50,0	40,6	108,8	28 800	28 800	44,6	111,4	31 600	31 600	50,1	114,3	32 100	35 400	50,0
52,0	37,2	106,3	27 500	27 500	41,5	109,2	30 000	30 000	47,3	112,5	30 400	33 600	52,0
54,0	33,4	103,4	26 200	26 200	38,1	106,7	28 400	28 400	44,3	110,5	28 900	31 900	54,0
56,0	29,3	99,9	24 800	24 800	34,4	103,9	26 900	26 900	41,1	108,3	27 500	30 200	56,0
58,0	24,4	95,8	23 400	23 400	30,4	100,6	25 400	25 400	37,7	105,7	26 100	28 600	58,0
60,0	18,3	90,5	22 200	22 200	25,7	96,7	24 000	24 000	34,0	102,9	24 900	27 100	60,0
62,0					20,1	91,7	22 800	22 800	29,8	99,5	23 700	25 600	62,0
64,0					11,9	84,3	21 500	21 500	25,1	95,5	22 500	24 200	64,0
66,0									19,2	90,4	21 400	22 900	66,0
68,0									10,4	82,3	20 300	21 700	68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0

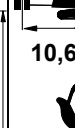
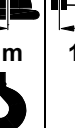
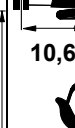
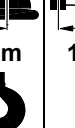
MLC300 VPC-MAX S-1

ASME B30.5



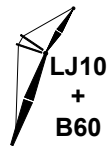
135 100 kg



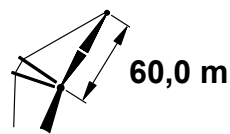
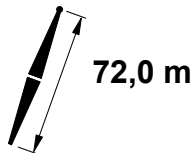
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,2	119,8	30 900	42 200									46,0
48,0	60,8	118,7	29 100	40 400									48,0
50,0	58,3	117,5	27 400	38 300									50,0
52,0	55,7	116,2	25 900	36 400									52,0
54,0	53,1	114,7	24 500	34 600									54,0
56,0	50,4	113,0	23 200	33 000									56,0
58,0	47,5	111,2	22 000	31 500	55,7	114,2	17 900	28 300					58,0
60,0	44,5	109,2	20 900	30 000	53,1	112,7	17 000	27 000					60,0
62,0	41,3	107,0	19 800	28 700	50,4	111,1	16 000	25 800					62,0
64,0	37,9	104,5	18 800	27 500	47,5	109,3	15 200	24 700	52,9	110,1	10 900	20 900	64,0
66,0	34,3	101,7	17 900	26 300	44,5	107,3	14 300	23 600	50,1	108,5	10 200	20 000	66,0
68,0	30,2	98,4	17 000	25 200	41,4	105,1	13 600	22 600	47,3	106,7	9 600	19 200	68,0
70,0	25,5	94,5	16 100	24 200	38,0	102,6	12 800	21 700	44,2	104,6	9 000	18 400	70,0
72,0	19,8	89,4	15 300	23 200	34,3	99,8	12 100	20 800					72,0
74,0	11,4	81,8	14 500	22 200	30,2	96,5	11 500	19 900	41,1	102,4	8 400	17 600	74,0
76,0					25,5	92,5	10 800	19 100	37,6	99,9	7 900	16 900	76,0
78,0					19,8	87,5	10 200	18 400	33,9	97,0	7 400	16 200	78,0
80,0					11,4	79,9	9 600	17 600	29,8	93,7	6 900	15 500	80,0
82,0									25,1	89,7	6 400	14 900	82,0
84,0									19,2	84,5	5 900	14 300	84,0

MLC300 VPC-MAX S-1

ASME B30.5



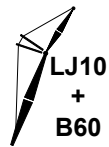
135 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,9	131,7	39 600	39 600									25,9
26,0	73,8	131,7	39 600	39 600									26,0
28,0	71,8	131,1	39 500	39 500									28,0
30,0	69,8	130,3	39 200	39 200									30,0
32,0	67,7	129,5	38 900	38 900	70,3	130,2	39 200	39 200					32,0
34,0	65,6	128,6	38 600	38 600	68,3	129,4	39 300	39 300					34,0
36,0	63,5	127,6	37 500	37 500	66,2	128,6	39 100	39 100					36,0
38,0	61,3	126,5	36 000	36 000	64,1	127,6	38 900	38 900					38,0
40,0	59,1	125,4	34 500	34 500	61,9	126,6	38 600	38 600	65,9	127,9	38 600	38 600	40,0
42,0	56,8	124,1	33 000	33 000	59,7	125,4	37 700	37 700	63,8	126,9	38 700	38 700	42,0
44,0	54,5	122,7	31 600	31 600	57,4	124,1	36 200	36 200	61,6	125,8	37 600	38 700	44,0
46,0	52,1	121,1	30 100	30 100	55,1	122,8	34 800	34 800	59,4	124,6	35 500	38 700	46,0
48,0	49,6	119,5	28 700	28 700	52,7	121,3	33 300	33 300	57,1	123,4	33 500	38 600	48,0
50,0	47,0	117,6	27 400	27 400	50,3	119,6	31 900	31 900	54,8	122,0	31 700	38 300	50,0
52,0	44,3	115,6	26 200	26 200	47,7	117,8	30 500	30 500	52,4	120,5	30 000	37 100	52,0
54,0	41,5	113,4	25 000	25 000	45,0	115,9	29 200	29 200	49,9	118,8	28 500	35 800	54,0
56,0	38,4	110,9	23 900	23 900	42,2	113,7	27 900	27 900	47,4	117,0	27 000	34 400	56,0
58,0	35,2	108,2	22 900	22 900	39,2	111,3	26 600	26 600	44,7	115,0	25 700	33 000	58,0
60,0	31,6	105,1	22 000	22 000	36,0	108,6	25 500	25 500	41,8	112,8	24 400	31 700	60,0
62,0	27,7	101,4	21 100	21 100	32,6	105,6	24 400	24 400	38,8	110,4	23 200	30 300	62,0
64,0	23,1	97,1	20 500	20 500	28,8	102,1	23 500	23 500	35,6	107,7	22 100	29 100	64,0
66,0	17,3	91,4	20 000	20 000	24,4	98,0	22 600	22 600	32,1	104,6	21 000	27 900	66,0
68,0					19,0	92,7	21 900	22 000	28,2	101,1	20 000	26 800	68,0
70,0					11,3	84,9	21 000	21 600	23,7	96,8	19 100	25 800	70,0
72,0									18,2	91,3	18 100	24 900	72,0
74,0									9,8	82,8	17 200	23 400	74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0

MLC300 VPC-MAX S-1

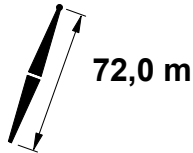
ASME B30.5



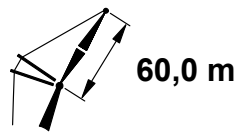
135 100 kg



360°



72,0 m

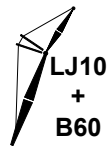


60,0 m

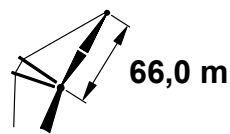
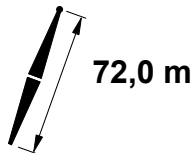
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	61,8	124,5	26 800	36 700									50,0
52,0	59,6	123,3	25 300	35 900									52,0
54,0	57,3	122,1	23 900	34 200									54,0
56,0	55,0	120,7	22 600	32 500									56,0
58,0	52,6	119,2	21 400	31 000									58,0
60,0	50,1	117,5	20 300	29 600	57,3	120,1	16 300	26 500					60,0
62,0	47,6	115,7	19 300	28 300	55,0	118,7	15 400	25 300					62,0
64,0	44,9	113,8	18 300	27 100	52,6	117,2	14 500	24 200					64,0
66,0	42,1	111,6	17 300	26 000	50,2	115,6	13 700	23 200					66,0
68,0	39,1	109,2	16 500	24 900	47,6	113,8	13 000	22 200					68,0
70,0	35,9	106,5	15 600	23 900	44,9	111,8	12 200	21 200					70,0
72,0	32,4	103,4	14 900	22 900	42,1	109,6	11 600	20 400	49,9	113,0	8 400	17 900	72,0
74,0	28,6	99,9	14 100	22 000	39,1	107,2	10 900	19 500	47,4	111,1	7 800	17 100	74,0
76,0	24,1	95,7	13 400	21 100	35,9	104,6	10 300	18 800	44,7	109,2	7 300	16 400	76,0
78,0	18,7	90,4	12 700	20 300	32,4	101,5	9 700	18 000	41,8	107,0	6 800	15 800	78,0
80,0	10,7	82,3	12 000	19 500	28,6	98,0	9 200	17 300	38,8	104,5	6 300	15 100	80,0
82,0					24,2	93,8	8 600	16 600	35,6	101,8	5 900	14 500	82,0
84,0					18,7	88,5	8 100	15 900	32,1	98,8	5 400	13 900	84,0
86,0					10,8	80,5	7 500	15 300	28,2	95,2	5 000	13 300	86,0
88,0									23,7	90,9	4 600	12 800	88,0
90,0									18,2	85,5		12 300	90,0

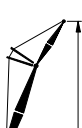
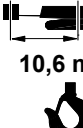
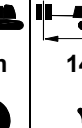
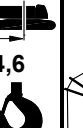
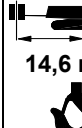
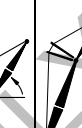
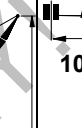
MLC300 VPC-MAX S-1

ASME B30.5



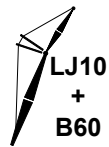
135 100 kg



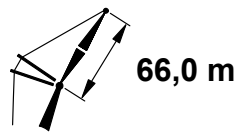
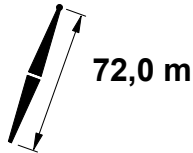
	 85°					 83°					 80°					
																
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	kg	kg	m
29,0	72,7	137,0	34 100	34 100												29,0
30,0	71,7	136,7	33 900	33 900												30,0
32,0	69,8	136,0	33 800	33 800												32,0
34,0	68,0	135,2	33 500	33 500	70,3	135,9	33 600	33 600								34,0
36,0	66,1	134,3	33 200	33 200	68,5	135,1	33 600	33 600								36,0
38,0	64,2	133,3	32 900	32 900	66,6	134,2	33 500	33 500								38,0
40,0	62,2	132,3	31 800	31 800	64,7	133,3	33 400	33 400	68,2	134,4	32 800	32 800				40,0
42,0	60,2	131,1	30 600	30 600	62,7	132,3	33 200	33 200	66,3	133,5	32 900	32 900				42,0
44,0	58,2	129,9	29 400	29 400	60,7	131,2	33 000	33 000	64,4	132,6	33 000	33 000				44,0
46,0	56,1	128,6	28 200	28 200	58,7	129,9	32 200	32 200	62,5	131,5	33 000	33 000				46,0
48,0	53,9	127,1	27 000	27 000	56,6	128,6	31 100	31 100	60,5	130,4	32 500	33 000				48,0
50,0	51,7	125,6	25 900	25 900	54,5	127,2	29 900	29 900	58,4	129,2	31 000	32 900				50,0
52,0	49,5	123,9	24 800	24 800	52,3	125,7	28 800	28 800	56,3	127,9	29 300	32 900				52,0
54,0	47,1	122,1	23 700	23 700	50,1	124,1	27 600	27 600	54,2	126,5	27 700	32 500				54,0
56,0	44,7	120,1	22 700	22 700	47,7	122,3	26 500	26 500	52,0	124,9	26 300	31 600				56,0
58,0	42,1	117,9	21 700	21 700	45,3	120,3	25 400	25 400	49,8	123,2	24 900	30 500				58,0
60,0	39,4	115,5	20 800	20 800	42,8	118,2	24 300	24 300	47,4	121,4	23 700	29 500				60,0
62,0	36,5	112,9	20 000	20 000	40,1	115,9	23 300	23 300	45,0	119,5	22 500	28 400				62,0
64,0	33,4	109,9	19 200	19 200	37,3	113,3	22 400	22 400	42,4	117,3	21 400	27 300				64,0
66,0	30,1	106,6	18 500	18 500	34,3	110,4	21 500	21 500	39,8	115,0	20 300	26 200				66,0
68,0	26,3	102,8	17 900	17 900	31,0	107,2	20 700	20 700	36,9	112,4	19 300	25 100				68,0
70,0	21,9	98,1	17 400	17 400	27,3	103,5	19 900	19 900	33,9	109,5	18 400	24 100				70,0
72,0	16,4	92,1	17 000	17 000	23,1	99,1	19 300	19 300	30,5	106,2	17 500	23 000				72,0
74,0					18,0	93,6	18 600	18 800	26,8	102,4	16 700	21 900				74,0
76,0					10,6	85,3	17 800	18 500	22,5	97,9	15 900	20 900				76,0
78,0										17,2	92,1	15 100	19 900			78,0
80,0																80,0
82,0																82,0
84,0																84,0
86,0																86,0
88,0																88,0
90,0																90,0
92,0																92,0
94,0																94,0
96,0																96,0

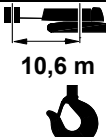
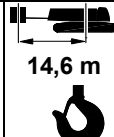
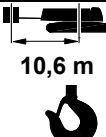
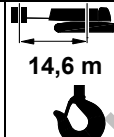
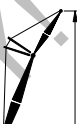
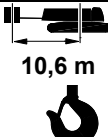
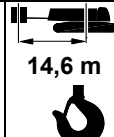
MLC300 VPC-MAX S-1

ASME B30.5



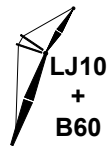
135 100 kg



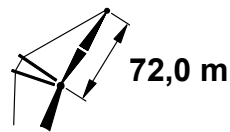
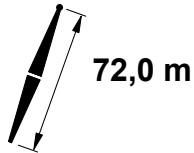
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0		62,6	130,2	24 400	30 900									52,0
54,0		60,6	129,1	23 000	31 200									54,0
56,0		58,6	127,9	21 800	31 500									56,0
58,0		56,5	126,6	20 600	30 400									58,0
60,0		54,4	125,1	19 500	29 000									60,0
62,0		52,2	123,6	18 400	27 700									62,0
64,0		49,9	122,0	17 500	26 500	56,5	124,6	13 600	23 500					64,0
66,0		47,6	120,2	16 500	25 400	54,4	123,2	12 800	22 500					66,0
68,0		45,2	118,2	15 700	24 300	52,2	121,7	12 100	21 500					68,0
70,0		42,6	116,1	14 900	23 300	50,0	120,0	11 400	20 600					70,0
72,0		40,0	113,7	14 100	22 300	47,6	118,2	10 700	19 800					72,0
74,0		37,1	111,2	13 400	21 500	45,2	116,3	10 100	18 900	52,0	119,1	6 900	16 500	74,0
76,0		34,1	108,3	12 700	20 600	42,7	114,1	9 500	18 200	49,8	117,4	6 400	15 800	76,0
78,0		30,8	105,1	12 000	19 800	40,0	111,8	8 900	17 400	47,4	115,6	5 900	15 100	78,0
80,0		27,1	101,3	11 400	19 000	37,2	109,2	8 400	16 700	45,0	113,6	5 400	14 500	80,0
82,0		22,9	96,9	10 800	18 300	34,1	106,4	7 900	16 100	42,4	111,5	5 000	13 900	82,0
84,0		17,7	91,3	10 200	17 600	30,8	103,1	7 400	15 400	39,7	109,1		13 300	84,0
86,0		10,1	82,7	9 500	16 800	27,1	99,4	6 900	14 800	36,9	106,5		12 700	86,0
88,0						22,9	95,0	6 400	14 200	33,8	103,6		12 200	88,0
90,0						17,7	89,3	5 900	13 600	30,5	100,3		11 700	90,0
92,0										26,8	96,6		11 200	92,0
94,0										22,5	92,0		10 700	94,0
96,0										17,2	86,3		10 300	96,0

MLC300 VPC-MAX S-1

ASME B30.5



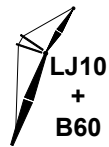
135 100 kg



	85°					83°					80°					
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m		
30,5	72,9	142,9	28 900	28 900											30,5	
32,0	71,6	142,3	28 800	28 800											32,0	
34,0	69,9	141,6	28 700	28 700											34,0	
36,0	68,2	140,8	28 600	28 600	70,3	141,5	28 700	28 700							36,0	
38,0	66,5	140,0	28 300	28 300	68,6	140,7	28 500	28 500							38,0	
40,0	64,7	139,0	28 100	28 100	66,9	139,9	28 400	28 400							40,0	
42,0	62,9	138,0	27 800	27 800	65,2	139,0	28 300	28 300							42,0	
44,0	61,1	136,9	27 100	27 100	63,4	138,0	28 200	28 200	66,7	139,2	27 800	27 800			44,0	
46,0	59,3	135,7	26 100	26 100	61,6	136,9	28 000	28 000	64,9	138,3	27 900	27 900			46,0	
48,0	57,4	134,5	25 200	25 200	59,7	135,8	27 900	27 900	63,2	137,3	27 900	27 900			48,0	
50,0	55,4	133,1	24 200	24 200	57,9	134,5	27 600	27 600	61,3	136,2	27 800	27 800			50,0	
52,0	53,5	131,6	23 300	23 300	55,9	133,2	26 700	26 700	59,5	135,0	27 800	27 800			52,0	
54,0	51,4	130,1	22 400	22 400	54,0	131,7	25 800	25 800	57,6	133,8	27 100	27 700			54,0	
56,0	49,4	128,4	21 500	21 500	52,0	130,2	24 900	24 900	55,7	132,4	25 600	27 600			56,0	
58,0	47,2	126,5	20 600	20 600	49,9	128,5	24 000	24 000	53,7	131,0	24 300	27 100			58,0	
60,0	45,0	124,6	19 800	19 800	47,8	126,7	23 100	23 100	51,7	129,4	23 000	26 200			60,0	
62,0	42,6	122,4	19 000	19 000	45,6	124,8	22 200	22 200	49,6	127,7	21 900	25 300			62,0	
64,0	40,2	120,1	18 300	18 300	43,2	122,7	21 300	21 300	47,5	125,9	20 800	24 400			64,0	
66,0	37,6	117,6	17 600	17 600	40,8	120,4	20 500	20 500	45,3	124,0	19 700	23 400			66,0	
68,0	34,9	114,8	16 900	16 900	38,3	118,0	19 700	19 700	42,9	121,8	18 800	22 500			68,0	
70,0	32,0	111,7	16 300	16 300	35,6	115,2	19 000	19 000	40,5	119,5	17 800	21 500			70,0	
72,0	28,7	108,2	15 800	15 800	32,7	112,2	18 000	18 000	38,0	117,0	17 000	20 500			72,0	
74,0	25,1	104,1	15 300	15 300	29,6	108,8	17 100	17 100	35,3	114,3	16 200	19 400			74,0	
76,0	21,0	99,2	14 700	14 700	26,1	104,9	16 100	16 100	32,3	111,2	15 400	18 400			76,0	
78,0	15,7	93,0	13 800	13 800	22,1	100,3	15 200	15 200	29,2	107,8	14 600	17 400			78,0	
80,0					17,2	94,5	14 300	14 300	25,6	103,8	13 900	16 500			80,0	
82,0					10,1	85,8	13 500	13 500	21,5	99,1	13 200	15 500			82,0	
84,0									16,5	93,0	12 500	14 600			84,0	
86,0															86,0	
88,0															88,0	
90,0															90,0	
92,0															92,0	
94,0															94,0	
96,0															96,0	
98,0															98,0	
100,0															100,0	
102,0															102,0	

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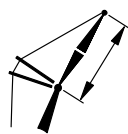
ASME B30.5



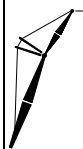
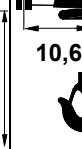
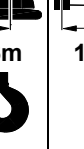
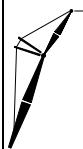
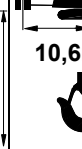
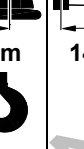
135 100 kg



72,0 m

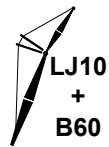


72,0 m

	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	63,3	135,9	22 300	25 900								54,0
56,0	61,5	134,9	21 100	26 100								56,0
58,0	59,6	133,7	19 900	26 300								58,0
60,0	57,8	132,4	18 800	26 500								60,0
62,0	55,9	131,1	17 800	26 600								62,0
64,0	53,9	129,7	16 800	26 000								64,0
66,0	51,9	128,1	15 900	24 900	57,8	130,5	12 100	22 000				66,0
68,0	49,8	126,4	15 000	23 800	55,9	129,2	11 400	21 000				68,0
70,0	47,7	124,6	14 200	22 800	53,9	127,7	10 700	20 100				70,0
72,0	45,4	122,7	13 500	21 900	51,9	126,2	10 000	19 200				72,0
74,0	43,1	120,6	12 800	21 000	49,8	124,5	9 400	18 400				74,0
76,0	40,7	118,3	12 100	20 200	47,7	122,7	8 800	17 700				76,0
78,0	38,2	115,8	11 400	19 400	45,5	120,8	8 300	16 900	51,7	123,5	14 600	78,0
80,0	35,5	113,1	10 800	18 600	43,2	118,7	7 700	16 200	49,6	121,9	14 000	80,0
82,0	32,6	110,1	10 200	17 900	40,7	116,4	7 200	15 600	47,5	120,1	13 400	82,0
84,0	29,4	106,6	9 600	17 200	38,2	113,9	6 700	15 000	45,3	118,1	12 800	84,0
86,0	25,9	102,7	9 100	16 500	35,5	111,2	6 300	14 400	42,9	116,0	12 200	86,0
88,0	21,9	98,0	8 600	15 900	32,6	108,1	5 800	13 800	40,5	113,7	11 700	88,0
90,0	16,9	92,1	8 000	15 300	29,5	104,7	5 400	13 200	38,0	111,2	11 200	90,0
92,0					25,9	100,8	5 000	12 700	35,2	108,4	10 800	92,0
94,0					21,9	96,1		12 200	32,3	105,4	10 300	94,0
96,0					17,0	90,2		11 700	29,2	101,9	9 900	96,0
98,0									25,6	97,9	9 400	98,0
100,0									21,5	93,2	9 000	100,0
102,0									16,4	87,1	8 600	102,0

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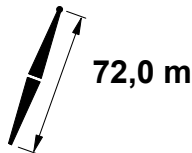
ASME B30.5



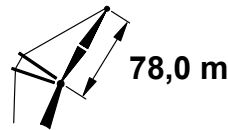
135 100 kg



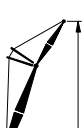
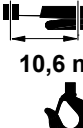
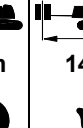
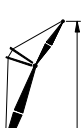
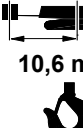
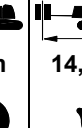
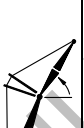
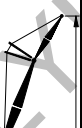
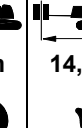
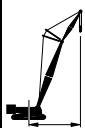
360°



72,0 m

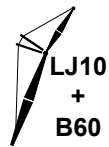


78,0 m

	85°					83°					80°					
																
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m		
32,0	73,1	148,7	24 800	24 800										32,0		
34,0	71,5	148,0	24 700	24 700										34,0		
36,0	70,0	147,3	24 500	24 500										36,0		
38,0	68,4	146,5	24 300	24 300	70,4	147,2	24 400	24 400						38,0		
40,0	66,8	145,6	24 200	24 200	68,8	146,4	24 300	24 300						40,0		
42,0	65,2	144,7	24 000	24 000	67,2	145,6	24 200	24 200						42,0		
44,0	63,5	143,7	23 800	23 800	65,6	144,7	24 100	24 100						44,0		
46,0	61,9	142,7	23 600	23 600	63,9	143,7	23 900	23 900	67,0	144,9	23 600	23 600		46,0		
48,0	60,2	141,5	23 100	23 100	62,3	142,7	23 800	23 800	65,4	144,0	23 600	23 600		48,0		
50,0	58,5	140,3	22 300	22 300	60,6	141,6	23 600	23 600	63,7	143,0	23 500	23 500		50,0		
52,0	56,7	139,0	21 500	21 500	58,9	140,4	23 500	23 500	62,1	141,9	23 500	23 500		52,0		
54,0	54,9	137,6	20 800	20 800	57,2	139,1	23 300	23 300	60,4	140,8	23 400	23 400		54,0		
56,0	53,1	136,1	20 000	20 000	55,4	137,7	22 900	22 900	58,7	139,6	23 300	23 300		56,0		
58,0	51,2	134,6	19 300	19 300	53,6	136,2	22 200	22 200	56,9	138,3	23 200	23 300		58,0		
60,0	49,3	132,8	18 600	18 600	51,7	134,7	21 500	21 500	55,1	136,9	22 300	23 200		60,0		
62,0	47,3	131,0	17 900	17 900	49,8	133,0	20 700	20 700	53,3	135,5	21 100	23 100		62,0		
64,0	45,2	129,1	17 200	17 200	47,8	131,2	20 000	20 000	51,4	133,9	20 000	22 500		64,0		
66,0	43,1	127,0	16 600	16 600	45,8	129,3	19 300	19 300	49,5	132,2	19 000	21 600		66,0		
68,0	40,9	124,7	15 900	15 900	43,7	127,2	18 400	18 400	47,5	130,4	18 000	20 700		68,0		
70,0	38,5	122,2	15 300	15 300	41,5	125,0	17 500	17 500	45,5	128,5	17 100	19 800		70,0		
72,0	36,1	119,5	14 800	14 800	39,2	122,6	16 500	16 500	43,4	126,4	16 300	18 800		72,0		
74,0	33,5	116,6	14 000	14 000	36,7	120,0	15 600	15 600	41,2	124,1	15 400	17 900		74,0		
76,0	30,6	113,3	13 100	13 100	34,2	117,1	14 600	14 600	38,9	121,7	14 700	16 900		76,0		
78,0	27,6	109,6	12 200	12 200	31,4	113,9	13 600	13 600	36,4	119,0	13 900	15 900		78,0		
80,0	24,1	105,4	11 300	11 300	28,4	110,3	12 700	12 700	33,8	116,1	13 200	14 900		80,0		
82,0	20,1	100,3	10 400	10 400	25,0	106,3	11 800	11 800	31,0	112,9	12 600	13 900		82,0		
84,0	15,1	93,7	9 600	9 600	21,2	101,4	10 900	10 900	28,0	109,3	11 900	13 000		84,0		
86,0					16,5	95,3	10 000	10 000	24,6	105,1	11 300	12 000		86,0		
88,0					9,7	86,3	9 300	9 300	20,7	100,1	10 700	11 100		88,0		
90,0									15,8	93,8	10 100	10 200		90,0		
92,0														92,0		
94,0														94,0		
96,0														96,0		
98,0														98,0		
100,0														100,0		
102,0														102,0		
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106,0														106,0		
108,0														108,0		

MLC300 VPC-MAX S-1

ASME B30.5



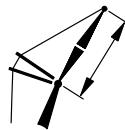
135 100 kg



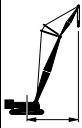
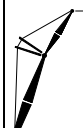
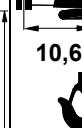
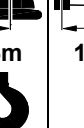
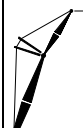
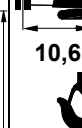
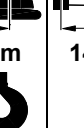
360°



72,0 m

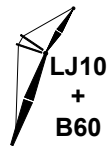


78,0 m

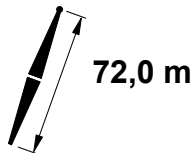
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	62,2	140,6	19 000	21 900								58,0
60,0	60,5	139,5	17 900	22 000								60,0
62,0	58,8	138,3	16 900	22 100								62,0
64,0	57,1	137,0	16 000	22 200								64,0
66,0	55,3	135,6	15 100	22 300								66,0
68,0	53,5	134,2	14 200	22 300								68,0
70,0	51,6	132,6	13 400	22 200	57,1	135,1	9 800	19 500				70,0
72,0	49,7	130,9	12 700	21 300	55,3	133,7	9 200	18 600				72,0
74,0	47,7	129,1	12 000	20 400	53,5	132,2	8 600	17 800				74,0
76,0	45,7	127,2	11 300	19 600	51,6	130,7	8 000	17 000				76,0
78,0	43,6	125,1	10 700	18 800	49,7	129,0	7 400	16 300				78,0
80,0	41,3	122,9	10 000	18 000	47,7	127,2	6 900	15 600				80,0
82,0	39,0	120,5	9 500	17 300	45,7	125,3	6 400	15 000	51,4	128,0	12 700	82,0
84,0	36,6	117,8	8 900	16 600	43,6	123,2	5 900	14 400	49,5	126,3	12 100	84,0
86,0	34,0	114,9	8 400	15 600	41,4	120,9	5 500	13 800	47,5	124,5	11 600	86,0
88,0	31,3	111,7	7 900	14 600	39,1	118,5	5 000	13 200	45,5	122,6	11 100	88,0
90,0	28,2	108,1	7 400	13 600	36,6	115,9		12 700	43,4	120,5	10 600	90,0
92,0	24,9	104,0	6 900	12 600	34,0	113,0		12 100	41,2	118,3	10 100	92,0
94,0	21,0	99,2	6 400	11 700	31,3	109,8		11 600	38,8	115,8	9 700	94,0
96,0	16,2	93,0	6 000	10 800	28,3	106,2		11 200	36,4	113,2	9 300	96,0
98,0					24,9	102,1		10 700	33,8	110,3	8 800	98,0
100,0					21,0	97,2		10 300	31,0	107,0	8 400	100,0
102,0					16,3	91,1		9 800	28,0	103,4	8 100	102,0
104,0									24,6	99,2	7 700	104,0
106,0									20,6	94,3	7 300	106,0
108,0									15,8	88,0	7 000	108,0

MLC300 VPC-MAX S-1

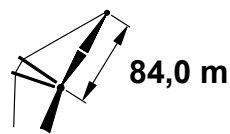
ASME B30.5



135 100 kg



72,0 m

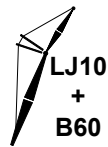


84,0 m

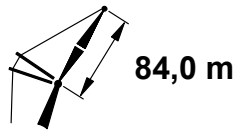
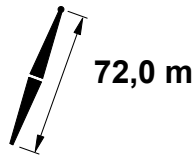
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,2	154,5	21 200	21 200									33,5
34,0	72,9	154,3	21 200	21 200									34,0
36,0	71,4	153,7	21 000	21 000									36,0
38,0	70,0	152,9	20 900	20 900									38,0
40,0	68,5	152,2	20 700	20 700	70,4	152,8	20 800	20 800					40,0
42,0	67,1	151,3	20 500	20 500	68,9	152,1	20 600	20 600					42,0
44,0	65,6	150,4	20 400	20 400	67,4	151,3	20 500	20 500					44,0
46,0	64,0	149,5	20 200	20 200	65,9	150,4	20 400	20 400	68,7	151,4	20 000	20 000	46,0
48,0	62,5	148,4	20 000	20 000	64,4	149,4	20 200	20 200	67,2	150,6	20 000	20 000	48,0
50,0	60,9	147,3	19 800	19 800	62,9	148,4	20 100	20 100	65,8	149,7	19 900	19 900	50,0
52,0	59,4	146,1	19 600	19 600	61,4	147,3	19 900	19 900	64,2	148,7	19 800	19 800	52,0
54,0	57,8	144,9	19 100	19 100	59,8	146,2	19 800	19 800	62,7	147,7	19 800	19 800	54,0
56,0	56,1	143,6	18 400	18 400	58,2	144,9	19 600	19 600	61,2	146,6	19 700	19 700	56,0
58,0	54,4	142,1	17 800	17 800	56,5	143,6	19 400	19 400	59,6	145,4	19 600	19 600	58,0
60,0	52,7	140,6	17 200	17 200	54,9	142,2	19 300	19 300	58,0	144,2	19 400	19 400	60,0
62,0	51,0	139,0	16 600	16 600	53,2	140,7	19 100	19 100	56,3	142,9	19 300	19 300	62,0
64,0	49,2	137,3	16 000	16 000	51,4	139,2	18 600	18 600	54,7	141,5	19 200	19 200	64,0
66,0	47,4	135,5	15 500	15 500	49,7	137,5	17 900	17 900	53,0	140,0	18 400	19 100	66,0
68,0	45,5	133,6	14 900	14 900	47,8	135,7	17 400	17 400	51,2	138,4	17 500	19 000	68,0
70,0	43,5	131,5	14 400	14 400	45,9	133,8	16 800	16 800	49,4	136,7	16 500	18 900	70,0
72,0	41,4	129,3	13 900	13 900	44,0	131,7	16 200	16 200	47,6	134,9	15 700	18 800	72,0
74,0	39,3	126,9	13 400	13 400	42,0	129,6	15 700	15 700	45,7	132,9	14 900	18 700	74,0
76,0	37,1	124,3	13 000	13 000	39,9	127,2	15 100	15 100	43,7	130,9	14 100	18 600	76,0
78,0	34,7	121,4	12 500	12 500	37,7	124,7	14 700	14 700	41,7	128,7	13 400	18 100	78,0
80,0	32,2	118,3	12 100	12 100	35,3	121,9	14 200	14 200	39,6	126,3	12 700	17 600	80,0
82,0	29,5	114,9	11 800	11 800	32,9	118,9	13 700	13 700	37,4	123,7	12 000	17 000	82,0
84,0	26,5	111,1	11 500	11 500	30,2	115,5	13 300	13 300	35,0	120,9	11 400	16 500	84,0
86,0	23,2	106,6	11 200	11 200	27,3	111,8	12 600	12 900	32,5	117,9	10 800	16 000	86,0
88,0	19,4	101,3	10 900	10 900	24,1	107,5	12 000	12 600	29,9	114,5	10 200	15 300	88,0
90,0	14,5	94,5	10 800	10 800	20,4	102,5	11 400	12 300	26,9	110,7	9 700	14 400	90,0
92,0					15,9	96,2	10 800	11 700	23,7	106,4	9 100	13 500	92,0
94,0					9,3	86,8	10 200	10 900	19,9	101,2	8 600	12 700	94,0
96,0									15,2	94,6	8 100	11 800	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

MLC300 VPC-MAX S-1

ASME B30.5



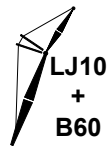
135 100 kg



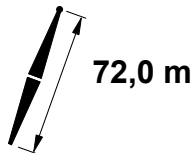
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	62,8	146,3	17 300	18 400								60,0
62,0	61,3	145,3	16 300	18 400								62,0
64,0	59,7	144,1	15 300	18 500								64,0
66,0	58,1	142,9	14 400	18 500								66,0
68,0	56,5	141,5	13 600	18 500								68,0
70,0	54,8	140,1	12 800	18 500								70,0
72,0	53,1	138,7	12 100	18 500	58,1	140,9	8 500	16 700				72,0
74,0	51,4	137,1	11 400	18 500	56,5	139,6	7 900	16 900				74,0
76,0	49,6	135,4	10 700	18 400	54,8	138,2	7 300	16 500				76,0
78,0	47,7	133,6	10 000	18 300	53,1	136,7	6 800	15 800				78,0
80,0	45,9	131,7	9 400	17 600	51,4	135,1	6 300	15 200				80,0
82,0	43,9	129,6	8 900	16 900	49,6	133,5	5 800	14 500				82,0
84,0	41,9	127,4	8 300	16 200	47,8	131,7	5 300	13 900	53,0	134,1	11 600	84,0
86,0	39,8	125,1	7 800	15 600	45,9	129,7	4 800	13 300	51,2	132,5	11 100	86,0
88,0	37,5	122,5	7 300	15 000	43,9	127,7		12 700	49,4	130,8	10 600	88,0
90,0	35,2	119,7	6 800	14 400	41,9	125,5		12 200	47,6	129,0	10 100	90,0
92,0	32,7	116,7	6 300	13 800	39,8	123,1		11 700	45,7	127,1	9 700	92,0
94,0	30,1	113,4	5 900	13 300	37,6	120,6		11 200	43,7	125,0	9 200	94,0
96,0	27,2	109,6	5 500	12 700	35,2	117,8		10 700	41,7	122,8	8 800	96,0
98,0	23,9	105,3	5 100	12 200	32,8	114,8		10 300	39,6	120,4	8 400	98,0
100,0	20,2	100,2	4 600	11 700	30,1	111,4		9 800	37,4	117,9	8 000	100,0
102,0	15,6	93,8		11 300	27,2	107,7		9 400	35,0	115,1	7 600	102,0
104,0					24,0	103,4		9 000	32,5	112,0	7 200	104,0
106,0					20,2	98,3		8 600	29,8	108,6	6 900	106,0
108,0					15,7	91,9		8 200	26,9	104,8	6 500	108,0
110,0									23,6	100,5	6 200	110,0
112,0									19,9	95,3	5 900	112,0
114,0									15,2	88,8	5 600	114,0

MLC300 VPC-MAX S-1

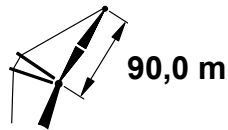
ASME B30.5



135 100 kg



72,0 m

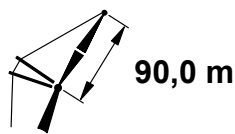
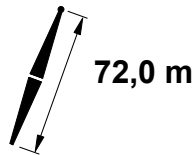
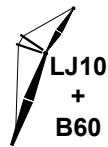


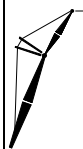
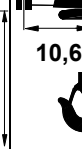
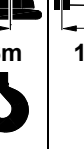
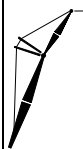
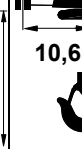
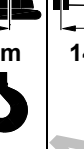
90,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
35,1	73,4	160,3	18 100	18 100									35,1
36,0	72,7	160,0	18 000	18 000									36,0
38,0	71,4	159,3	17 900	17 900									38,0
40,0	70,0	158,6	17 700	17 700	71,7	159,2	17 700	17 700					40,0
42,0	68,7	157,8	17 500	17 500	70,4	158,5	17 600	17 600					42,0
44,0	67,3	157,0	17 400	17 400	69,0	157,7	17 400	17 400					44,0
46,0	65,9	156,1	17 200	17 200	67,6	156,9	17 300	17 300					46,0
48,0	64,5	155,2	17 000	17 000	66,3	156,1	17 200	17 200					48,0
50,0	63,1	154,2	16 800	16 800	64,9	155,1	17 000	17 000	67,5	156,2	16 800	16 800	50,0
52,0	61,6	153,1	16 600	16 600	63,4	154,1	16 900	16 900	66,1	155,4	16 700	16 700	52,0
54,0	60,2	151,9	16 400	16 400	62,0	153,1	16 700	16 700	64,7	154,4	16 600	16 600	54,0
56,0	58,7	150,7	16 300	16 300	60,5	152,0	16 500	16 500	63,2	153,4	16 500	16 500	56,0
58,0	57,2	149,5	16 100	16 100	59,0	150,8	16 400	16 400	61,8	152,3	16 400	16 400	58,0
60,0	55,6	148,1	15 700	15 700	57,5	149,5	16 200	16 200	60,3	151,2	16 300	16 300	60,0
62,0	54,0	146,7	15 200	15 200	56,0	148,2	16 100	16 100	58,9	150,0	16 200	16 200	62,0
64,0	52,4	145,1	14 700	14 700	54,5	146,7	15 900	15 900	57,4	148,7	16 100	16 100	64,0
66,0	50,8	143,5	14 300	14 300	52,9	145,2	15 700	15 700	55,8	147,4	15 900	15 900	66,0
68,0	49,1	141,8	13 800	13 800	51,2	143,7	15 600	15 600	54,3	146,0	15 800	15 800	68,0
70,0	47,4	140,0	13 300	13 300	49,6	142,0	15 400	15 400	52,7	144,5	15 700	15 700	70,0
72,0	45,6	138,1	12 900	12 900	47,9	140,2	15 000	15 000	51,0	142,9	14 900	15 600	72,0
74,0	43,8	136,0	12 400	12 400	46,1	138,3	14 500	14 500	49,4	141,2	14 100	15 500	74,0
76,0	41,9	133,8	12 000	12 000	44,3	136,3	14 000	14 000	47,6	139,4	13 400	15 300	76,0
78,0	40,0	131,5	11 600	11 600	42,4	134,1	13 600	13 600	45,9	137,4	12 700	15 200	78,0
80,0	37,9	128,9	11 300	11 300	40,5	131,8	13 200	13 200	44,1	135,4	12 000	15 100	80,0
82,0	35,8	126,2	10 900	10 900	38,4	129,3	12 800	12 800	42,2	133,2	11 300	15 000	82,0
84,0	33,5	123,2	10 600	10 600	36,3	126,6	12 400	12 400	40,2	130,9	10 700	14 900	84,0
86,0	31,1	120,0	10 200	10 200	34,1	123,7	11 900	12 000	38,2	128,4	10 100	14 800	86,0
88,0	28,5	116,4	10 000	10 000	31,7	120,6	11 300	11 600	36,0	125,7	9 500	14 400	88,0
90,0	25,6	112,4	9 700	9 700	29,1	117,1	10 800	11 300	33,8	122,8	9 000	14 000	90,0
92,0	22,4	107,8	9 500	9 500	26,4	113,2	10 200	11 000	31,4	119,6	8 500	13 500	92,0
94,0	18,7	102,3	8 900	8 900	23,3	108,8	9 600	10 400	28,8	116,0	8 000	12 700	94,0
96,0	14,0	95,2	8 100	8 100	19,7	103,5	9 100	9 600	26,0	112,1	7 500	11 900	96,0
98,0					15,3	97,0	8 600	8 700	22,8	107,6	7 000	11 000	98,0
100,0					9,0	87,3	8 000	8 000	19,2	102,2	6 500	10 100	100,0
102,0									14,7	95,4	6 100	9 200	102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

MLC300 VPC-MAX S-1

ASME B30.5



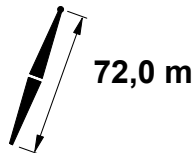
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
35,1												35,1
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0												60,0
62,0												62,0
64,0	61,9	151,0	14 500	15 300								64,0
66,0	60,5	149,9	13 600	15 300								66,0
68,0	59,0	148,7	12 800	15 300								68,0
70,0	57,5	147,4	12 000	15 300								70,0
72,0	55,9	146,1	11 200	15 300								72,0
74,0	54,4	144,7	10 500	15 200	57,5	145,5	6 400	13 900				74,0
76,0	52,8	143,2	9 900	15 200	55,9	144,1	5 900	14 000				76,0
78,0	51,2	141,6	9 300	15 100	54,4	142,7	5 400	14 000				78,0
80,0	49,5	139,9	8 700	15 100	52,8	141,2	4 900	13 800				80,0
82,0	47,8	138,1	8 100	15 000								82,0
84,0	46,0	136,2	7 500	14 900	51,2	139,6		13 300				84,0
86,0	44,2	134,1	7 000	14 800	49,5	137,9		12 700				86,0
88,0	42,3	132,0	6 500	14 400	47,8	136,1		12 100	52,6	138,6	9 900	88,0
90,0	40,4	129,7	6 100	13 800	46,0	134,2		11 600	51,0	137,0	9 500	90,0
92,0	38,3	127,2	5 600	13 300	44,2	132,2		11 100	49,3	135,3	9 000	92,0
94,0	36,2	124,5	5 200	12 700	42,3	130,0		10 600	47,6	133,5	8 600	94,0
96,0	34,0	121,6	4 700	12 200	40,4	127,7		10 200	45,9	131,6	8 200	96,0
98,0	31,6	118,4		11 700	38,4	125,2		9 700	44,0	129,5	7 800	98,0
100,0	29,0	114,9		11 200	36,2	122,6		9 300	42,2	127,4	7 400	100,0
102,0	26,2	111,0		10 800	34,0	119,7		8 900	40,2	125,0	7 000	102,0
104,0	23,1	106,5		10 300	31,6	116,5		8 500	38,2	122,5	6 600	104,0
106,0	19,5	101,3		9 900	29,0	113,0		8 100	36,0	119,8	6 300	106,0
108,0	15,1	94,6		9 500	26,2	109,1		7 700	33,8	116,9	6 000	108,0
110,0					23,1	104,6		7 300	31,4	113,7	5 600	110,0
112,0					19,5	99,3		7 000	28,8	110,2	5 300	112,0
114,0					15,1	92,7		6 600	26,0	106,2	4 900	114,0

MLC300 VPC-MAX S-1

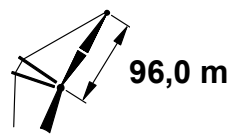
ASME B30.5



135 100 kg



72,0 m

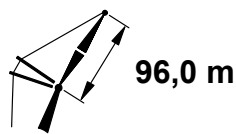
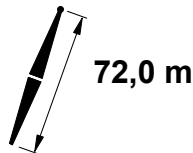


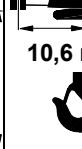
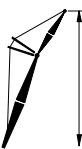
96,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
36,6	73,7	166,2	14 800	14 800									36,6
38,0	72,8	165,8	14 700	14 700									38,0
40,0	71,6	165,1	14 600	14 600									40,0
42,0	70,3	164,4	14 400	14 400									42,0
44,0	69,0	163,6	14 300	14 300	70,6	164,3	14 300	14 300					44,0
46,0	67,7	162,8	14 100	14 100	69,3	163,6	14 200	14 200					46,0
48,0	66,4	162,0	13 900	13 900	68,1	162,8	14 000	14 000					48,0
50,0	65,1	161,0	13 800	13 800	66,8	161,9	13 900	13 900					50,0
52,0	63,8	160,1	13 600	13 600	65,5	161,0	13 700	13 700	67,9	162,1	13 600	13 600	52,0
54,0	62,4	159,0	13 400	13 400	64,1	160,0	13 600	13 600	66,6	161,2	13 500	13 500	54,0
56,0	61,1	157,9	13 200	13 200	62,8	159,0	13 400	13 400	65,3	160,3	13 400	13 400	56,0
58,0	59,7	156,8	13 100	13 100	61,4	157,9	13 300	13 300	64,0	159,3	13 300	13 300	58,0
60,0	58,3	155,5	12 900	12 900	60,1	156,8	13 100	13 100	62,6	158,3	13 200	13 200	60,0
62,0	56,9	154,2	12 700	12 700	58,7	155,6	13 000	13 000	61,3	157,2	13 100	13 100	62,0
64,0	55,4	152,9	12 600	12 600	57,2	154,3	12 800	12 800	59,9	156,0	12 900	12 900	64,0
66,0	54,0	151,4	12 400	12 400	55,8	152,9	12 700	12 700	58,5	154,8	12 800	12 800	66,0
68,0	52,5	149,9	12 300	12 300	54,3	151,5	12 500	12 500	57,1	153,5	12 700	12 700	68,0
70,0	50,9	148,3	12 100	12 100	52,8	150,0	12 400	12 400	55,6	152,2	12 500	12 500	70,0
72,0	49,4	146,6	11 800	11 800	51,3	148,4	12 200	12 200	54,2	150,7	12 400	12 400	72,0
74,0	47,8	144,8	11 400	11 400	49,8	146,8	12 100	12 100	52,7	149,2	12 300	12 300	74,0
76,0	46,1	142,9	11 100	11 100	48,2	145,0	12 000	12 000	51,1	147,6	12 200	12 200	76,0
78,0	44,4	140,9	10 700	10 700	46,5	143,1	11 800	11 800	49,6	145,9	12 000	12 000	78,0
80,0	42,7	138,7	10 400	10 400	44,9	141,1	11 700	11 700	48,0	144,2	11 400	11 900	80,0
82,0	40,9	136,5	10 100	10 100	43,1	139,0	11 600	11 600	46,3	142,3	10 800	11 800	82,0
84,0	39,0	134,0	9 800	9 800	41,3	136,8	11 400	11 400	44,6	140,3	10 100	11 700	84,0
86,0	37,0	131,4	9 400	9 400	39,5	134,4	11 100	11 100	42,9	138,1	9 600	11 600	86,0
88,0	35,0	128,6	9 000	9 000	37,5	131,8	10 600	10 600	41,1	135,9	9 000	11 500	88,0
90,0	32,8	125,6	8 100	8 100	35,5	129,1	9 800	9 800	39,2	133,5	8 400	11 400	90,0
92,0	30,5	122,3	7 200	7 200	33,4	126,1	8 900	8 900	37,3	130,9	7 900	11 200	92,0
94,0	28,0	118,6	6 300	6 300	31,1	122,8	7 900	7 900	35,2	128,1	7 400	10 400	94,0
96,0	25,3	114,5	5 400	5 400	28,6	119,3	7 000	7 000	33,1	125,1	7 000	9 400	96,0
98,0					26,0	115,3	6 000	6 000	30,8	121,8	6 500	8 400	98,0
100,0					23,1	110,8	5 000	5 000	28,3	118,2	6 000	7 300	100,0
102,0									25,6	114,2	5 600	6 300	102,0
104,0									22,7	109,6	5 100	5 300	104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0
116,0													116,0

MLC300 VPC-MAX S-1

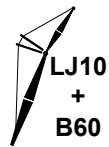
ASME B30.5



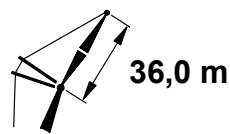
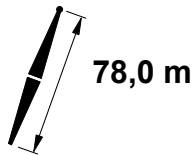
	75°				70°			65°			
											
m	°	m	kg	kg	°	m	kg	°	m	kg	m
36,6											36,6
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0											64,0
66,0	62,7	156,9	12 300	12 300							66,0
68,0	61,4	155,9	12 100	12 300							68,0
70,0	60,0	154,7	11 400	12 200							70,0
72,0	58,6	153,5	10 600	12 200							72,0
74,0	57,2	152,2	9 900	12 100							74,0
76,0	55,7	150,9	9 300	12 000							76,0
78,0	54,3	149,4	8 700	12 000	58,6	151,6	11 000				78,0
80,0	52,8	147,9	8 100	11 900	57,2	150,3	11 100				80,0
82,0	51,3	146,3	7 500	11 800	55,7	148,9	11 100				82,0
84,0	49,7	144,7	7 000	11 700	54,3	147,5	11 100				84,0
86,0	48,1	142,9	6 400	11 600	52,8	146,0	11 100				86,0
88,0	46,5	141,0	5 900	11 600	51,3	144,4	11 100				88,0
90,0	44,8	139,0	5 500	11 500	49,7	142,7	11 100				90,0
92,0	43,0	136,9	5 000	11 400	48,1	140,9	10 600	52,6	143,4	8 500	92,0
94,0	41,2	134,6	4 600	11 300	46,5	139,1	10 200	51,1	141,8	8 100	94,0
96,0	39,4	132,2		11 300	44,8	137,1	9 700	49,6	140,1	7 700	96,0
98,0	37,4	129,7		11 200	43,0	135,0	9 300	48,0	138,3	7 300	98,0
100,0	35,4	126,9		10 800	41,2	132,7	8 800	46,3	136,4	6 900	100,0
102,0	33,2	123,9		10 400	39,4	130,3	8 400	44,6	134,4	6 500	102,0
104,0	31,0	120,7		9 300	37,4	127,7	8 000	42,9	132,3	6 100	104,0
106,0	28,5	117,1		8 200	35,4	125,0	7 700	41,1	130,0	5 700	106,0
108,0	25,9	113,1		7 100	33,3	122,0	7 300	39,2	127,6	5 300	108,0
110,0	22,9	108,6		6 000	31,0	118,7	6 900	37,3	125,0	5 000	110,0
112,0	19,5	103,3		4 900	28,5	115,2	6 600	35,2	122,2	4 600	112,0
114,0					25,9	111,2	6 300				114,0
116,0					22,9	106,7	5 900				116,0

MLC300 VPC-MAX S-1

ASME B30.5



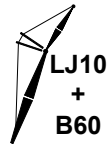
135 100 kg



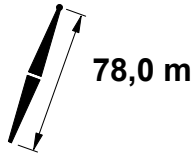
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,9	114,6	59 000 c	59 000 c									19,8
20,0	73,5	114,6	59 000 c	59 000 c									20,0
22,0	70,2	113,9	58 500 c	58 500 c									22,0
24,0	66,7	113,0	57 700 b	57 700 b									24,0
26,0	63,2	112,0	56 700	56 700	68,0	113,0	58 700 b	58 700 b					26,0
28,0	59,5	110,9	54 900	54 900	64,5	112,1	58 000 b	58 000 b					28,0
30,0	55,7	109,5	52 000	52 000	60,8	111,0	56 800	56 800					30,0
32,0	51,6	108,0	49 100	49 100	57,1	109,7	54 200	54 200	64,6	111,5	58 400	58 600	32,0
34,0	47,4	106,2	46 400	46 400	53,1	108,2	51 300	51 300	60,9	110,4	54 100	56 300	34,0
36,0	42,7	104,1	43 800	43 800	48,9	106,5	48 500	48 500	57,2	109,1	50 400	53 800	36,0
38,0	37,7	101,6	41 500	41 500	44,5	104,6	45 800	45 800	53,2	107,7	47 100	51 200	38,0
40,0	31,9	98,6	39 500	39 500	39,6	102,2	43 000	43 000	49,1	106,0	44 100	48 700	40,0
42,0	24,9	94,6	37 400	37 400	34,1	99,4	40 300	40 300	44,6	104,0	41 500	46 200	42,0
44,0	14,8	88,7	34 500	34 500	27,6	95,9	37 600	37 600	39,7	101,7	39 100	43 600	44,0
46,0					19,1	90,9	34 600	34 600	34,2	98,9	36 900	41 100	46,0
48,0									27,8	95,4	34 900	38 500	48,0
50,0									19,4	90,5	33 000	35 700	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
70,0													70,0

MLC300 VPC-MAX S-1

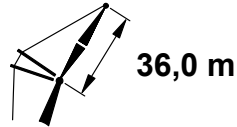
ASME B30.5



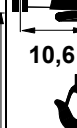
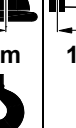
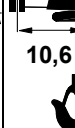
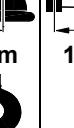
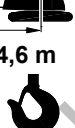
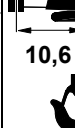
135 100 kg



78,0 m

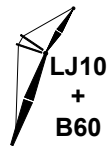


36,0 m

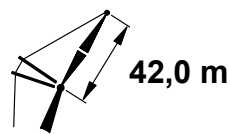
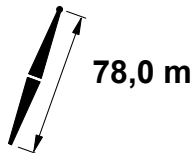
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8														19,8
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														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
70,0														70,0

MLC300 VPC-MAX S-1

ASME B30.5



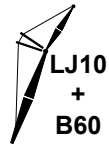
135 100 kg



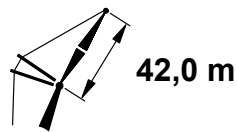
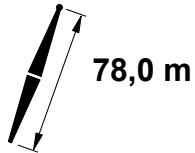
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	71,9	119,9	51 400 b	51 400 b									22,9
24,0	70,2	119,5	51 100 b	51 100 b									24,0
26,0	67,3	118,7	51 800	51 800	71,3	119,5	51 500 b	51 500 b					26,0
28,0	64,3	117,7	49 800	49 800	68,3	118,7	51 300	51 300					28,0
30,0	61,2	116,7	48 100	48 100	65,4	117,8	50 800	50 800					30,0
32,0	57,9	115,4	45 800	45 800	62,3	116,8	50 200	50 200	68,4	118,1	51 100	51 100	32,0
34,0	54,6	114,0	43 400	43 400	59,1	115,6	49 000	49 000	65,4	117,2	51 100	51 100	34,0
36,0	51,1	112,5	41 200	41 200	55,8	114,2	46 700	46 700	62,4	116,1	49 600	50 400	36,0
38,0	47,5	110,7	39 000	39 000	52,4	112,7	44 500	44 500	59,2	115,0	46 500	48 600	38,0
40,0	43,6	108,6	37 000	37 000	48,8	111,0	42 200	42 200	55,9	113,6	43 600	46 600	40,0
42,0	39,4	106,3	35 100	35 100	45,0	109,1	40 100	40 100	52,5	112,1	40 900	44 600	42,0
44,0	34,7	103,5	33 400	33 400	40,9	106,8	37 900	37 900	48,9	110,4	38 600	42 600	44,0
46,0	29,4	100,1	31 900	31 900	36,4	104,2	35 800	35 800	45,1	108,5	36 400	40 600	46,0
48,0	22,9	95,9	30 800	30 800	31,4	101,1	33 600	33 600	41,0	106,3	34 400	38 600	48,0
50,0	13,6	89,4	28 900	28 900	25,4	97,2	31 400	31 400	36,6	103,7	32 600	36 600	50,0
52,0					17,6	91,8	29 100	29 100	31,6	100,6	30 900	34 500	52,0
54,0									25,6	96,7	29 400	32 500	54,0
56,0									17,9	91,4	27 900	30 200	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
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0

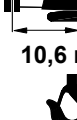
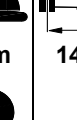
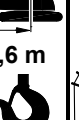
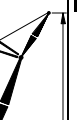
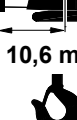
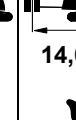
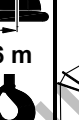
MLC300 VPC-MAX S-1

ASME B30.5



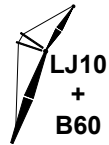
135 100 kg



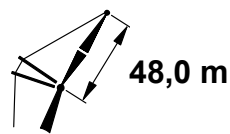
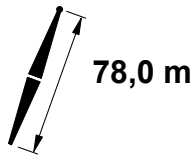
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9														22,9
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0	60,3	113,9	33 100	45 400										44,0
46,0	57,0	112,6	31 200	42 900										46,0
48,0	53,7	111,1	29 500	40 700										48,0
50,0	50,2	109,5	27 800	38 600										50,0
52,0	46,4	107,6	26 300	36 700	57,9	110,8	21 500	32 900						52,0
54,0	42,5	105,5	25 000	35 000	54,6	109,4	20 300	31 300						54,0
56,0	38,1	103,1	23 700	33 300	51,1	107,8	19 200	29 900						56,0
58,0	33,3	100,2	22 500	31 800	47,4	106,0	18 200	28 500						58,0
60,0	27,8	96,6	21 300	30 400	43,5	104,0	17 200	27 200						60,0
62,0	20,8	91,9	20 200	29 100	39,3	101,6	16 300	26 000	51,6	105,4	12 400	23 000		62,0
64,0	9,5	83,9	19 100	27 700	34,6	98,8	15 400	24 900	48,0	103,6	11 700	22 000		64,0
66,0					29,3	95,5	14 600	23 800	44,1	101,6	11 000	21 100		66,0
68,0					22,8	91,2	13 800	22 800	39,9	99,3	10 400	20 200		68,0
70,0					13,4	84,6	13 000	21 800	35,3	96,6	9 800	19 300		70,0
72,0									30,1	93,4	9 200	18 500		72,0
74,0									23,9	89,2	8 600	17 700		74,0
76,0									15,2	83,2	8 000	17 000		76,0

MLC300 VPC-MAX S-1

ASME B30.5



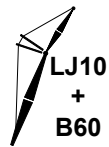
135 100 kg



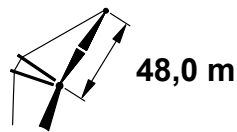
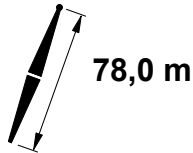
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,3	125,8	44 800	44 800									24,4
26,0	70,3	125,2	44 400	44 400									26,0
28,0	67,7	124,4	43 900	43 900	71,2	125,1	44 600	44 600					28,0
30,0	65,1	123,5	43 400	43 400	68,6	124,4	44 500	44 500					30,0
32,0	62,4	122,4	42 300	42 300	66,0	123,5	44 200	44 200					32,0
34,0	59,6	121,3	40 400	40 400	63,4	122,5	43 800	43 800					34,0
36,0	56,8	120,0	38 500	38 500	60,6	121,4	43 300	43 300	66,1	122,9	44 200	44 200	36,0
38,0	53,8	118,5	36 600	36 600	57,8	120,1	41 900	41 900	63,4	121,9	44 100	44 100	38,0
40,0	50,8	116,9	34 800	34 800	54,9	118,8	40 100	40 100	60,7	120,8	42 900	43 500	40,0
42,0	47,6	115,1	33 100	33 100	51,9	117,2	38 200	38 200	57,9	119,5	40 300	41 900	42,0
44,0	44,2	113,1	31 500	31 500	48,8	115,5	36 400	36 400	55,0	118,2	37 900	40 300	44,0
46,0	40,6	110,9	30 000	30 000	45,4	113,6	34 700	34 700	52,0	116,6	35 800	38 700	46,0
48,0	36,7	108,3	28 600	28 600	41,9	111,4	33 100	33 100	48,8	114,9	33 800	37 000	48,0
50,0	32,3	105,2	27 300	27 300	38,1	108,9	31 300	31 300	45,5	113,0	32 000	35 400	50,0
52,0	27,4	101,6	26 300	26 300	34,0	106,1	29 700	29 700	42,0	110,8	30 400	33 800	52,0
54,0	21,4	97,0	25 400	25 400	29,3	102,7	27 900	27 900	38,2	108,4	28 900	32 200	54,0
56,0	12,7	90,0	24 000	24 000	23,7	98,5	26 100	26 100	34,1	105,5	27 400	30 500	56,0
58,0					16,4	92,7	24 200	24 200	29,4	102,2	26 100	28 900	58,0
60,0									23,9	98,0	24 800	27 200	60,0
62,0									16,6	92,3	23 500	25 300	62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0

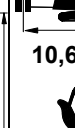
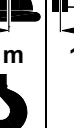
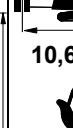
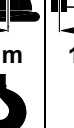
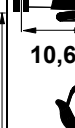
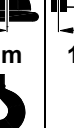
MLC300 VPC-MAX S-1

ASME B30.5



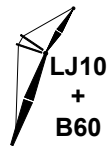
135 100 kg



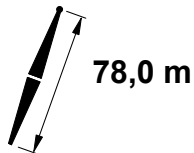
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
24,4														24,4
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0	61,6	119,6	30 200	42 200										46,0
48,0	58,8	118,4	28 500	40 000										48,0
50,0	56,0	117,1	26 900	37 900										50,0
52,0	53,0	115,6	25 400	36 000										52,0
54,0	49,9	114,0	24 100	34 300										54,0
56,0	46,7	112,1	22 800	32 700	56,7	115,4	18 200	29 100						56,0
58,0	43,2	110,1	21 600	31 200	53,8	113,9	17 200	27 800						58,0
60,0	39,5	107,7	20 500	29 800	50,7	112,3	16 300	26 500						60,0
62,0	35,5	105,0	19 500	28 500	47,5	110,5	15 400	25 300						62,0
64,0	31,1	101,8	18 500	27 300	44,1	108,5	14 500	24 200	51,2	109,9	10 000	20 300		64,0
66,0	25,9	98,0	17 500	26 100	40,5	106,2	13 700	23 200	48,0	108,1	9 400	19 400		66,0
68,0	19,4	92,9	16 600	25 000	36,6	103,6	13 000	22 200	44,7	106,1	8 800	18 600		68,0
70,0	8,8	84,3	15 700	23 900	32,3	100,6	12 300	21 300	41,1	103,9	8 200	17 800		70,0
72,0					27,3	96,9	11 600	20 400	41,1	103,9	8 200	17 800		72,0
74,0					21,2	92,3	10 900	19 600	37,2	101,4	7 700	17 100		74,0
76,0					12,5	85,2	10 300	18 700	32,9	98,4	7 200	16 400		76,0
78,0									28,1	94,9	6 700	15 700		78,0
80,0									22,3	90,4	6 200	15 000		80,0
82,0									14,2	83,9	5 700	14 400		82,0

MLC300 VPC-MAX S-1

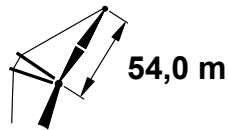
ASME B30.5



135 100 kg



78,0 m

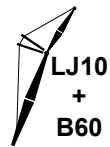


54,0 m

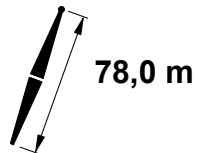
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	72,7	131,6	39 000	39 000									25,9
26,0	72,5	131,5	39 000	39 000									26,0
28,0	70,3	130,8	38 800	38 800									28,0
30,0	68,0	130,0	38 500	38 500									30,0
32,0	65,7	129,2	38 100	38 100	68,8	130,0	38 800	38 800					32,0
34,0	63,3	128,2	37 200	37 200	66,5	129,2	38 600	38 600					34,0
36,0	60,9	127,1	35 700	35 700	64,2	128,2	38 400	38 400					36,0
38,0	58,4	125,8	34 200	34 200	61,8	127,2	38 000	38 000	66,6	128,6	38 400	38 400	38,0
40,0	55,9	124,5	32 600	32 600	59,3	126,0	37 200	37 200	64,2	127,6	38 400	38 400	40,0
42,0	53,2	123,0	31 100	31 100	56,8	124,7	35 800	35 800	61,8	126,6	38 400	38 400	42,0
44,0	50,5	121,4	29 700	29 700	54,2	123,3	34 300	34 300	59,4	125,4	37 300	37 900	44,0
46,0	47,7	119,6	28 300	28 300	51,5	121,7	32 800	32 800	56,9	124,1	35 200	36 600	46,0
48,0	44,7	117,6	27 000	27 000	48,7	120,0	31 300	31 300	54,3	122,7	33 200	35 300	48,0
50,0	41,5	115,4	25 800	25 800	45,8	118,1	29 900	29 900	51,6	121,1	31 400	34 000	50,0
52,0	38,1	113,0	24 600	24 600	42,7	115,9	28 600	28 600	48,8	119,4	29 700	32 600	52,0
54,0	34,5	110,1	23 600	23 600	39,4	113,6	27 300	27 300	45,8	117,5	28 200	31 300	54,0
56,0	30,4	106,9	22 700	22 700	35,8	110,9	26 100	26 100	42,8	115,4	26 700	29 900	56,0
58,0	25,8	103,0	21 800	21 800	31,9	107,8	25 000	25 000	39,5	113,0	25 400	28 600	58,0
60,0	20,1	98,0	21 300	21 300	27,5	104,2	23 500	23 500	35,9	110,3	24 100	27 300	60,0
62,0	11,9	90,6	20 200	20 200	22,3	99,7	22 000	22 000	32,0	107,3	22 900	25 900	62,0
64,0					15,4	93,5	20 400	20 400	27,7	103,6	21 800	24 500	64,0
66,0									22,5	99,2	20 800	23 100	66,0
68,0									15,7	93,1	19 700	21 500	68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0

MLC300 VPC-MAX S-1

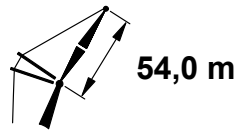
ASME B30.5



135 100 kg



78,0 m

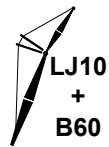


54,0 m

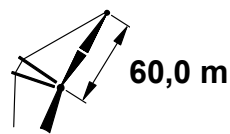
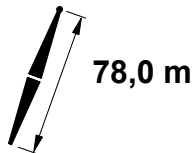
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	62,7	125,4	27 600	36 800									48,0
50,0	60,2	124,3	26 000	37 000									50,0
52,0	57,7	123,0	24 600	35 400									52,0
54,0	55,1	121,6	23 200	33 700									54,0
56,0	52,5	120,1	22 000	32 100									56,0
58,0	49,7	118,5	20 800	30 600	58,4	121,2	16 300	27 100					58,0
60,0	46,8	116,6	19 700	29 200	55,8	119,9	15 300	25 800					60,0
62,0	43,8	114,6	18 700	27 900	53,2	118,4	14 500	24 700					62,0
64,0	40,6	112,3	17 700	26 700	50,4	116,8	13 600	23 600					64,0
66,0	37,1	109,7	16 800	25 600	47,6	115,0	12 900	22 600					66,0
68,0	33,4	106,8	16 000	24 500	44,6	113,0	12 200	21 600					68,0
70,0	29,2	103,4	15 100	23 500	41,4	110,8	11 500	20 700	50,9	114,4	7 900	17 900	70,0
72,0	24,3	99,3	14 400	22 600	38,1	108,3	10 800	19 800	48,0	112,6	7 300	17 200	72,0
74,0	18,2	93,9	13 600	21 600	34,4	105,5	10 200	19 000	45,1	110,7	6 800	16 400	74,0
76,0	8,3	84,7	12 800	20 700	30,3	102,2	9 600	18 300	41,9	108,5	6 300	15 700	76,0
78,0					25,7	98,3	9 000	17 500	38,6	106,0	5 900	15 100	78,0
80,0					20,0	93,3	8 500	16 800	35,0	103,3	5 400	14 500	80,0
82,0					11,7	85,8	7 900	16 100	31,0	100,1	5 000	13 900	82,0
84,0									26,4	96,3		13 300	84,0
86,0									20,9	91,5		12 700	86,0
88,0									13,3	84,6		12 200	88,0

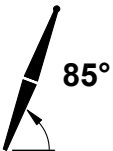
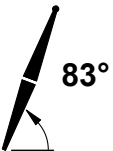
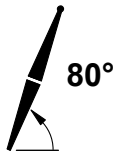
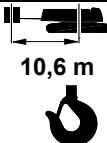
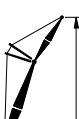
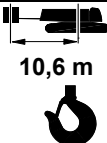
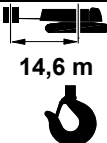
MLC300 VPC-MAX S-1

ASME B30.5



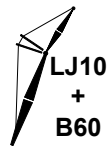
135 100 kg



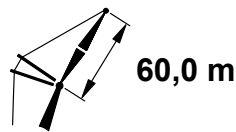
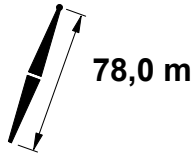
 85°					 83°				 80°					
 m	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 m	
27,4	72,9	137,4	34 200	34 200										27,4
28,0	72,3	137,2	34 100	34 100										28,0
30,0	70,3	136,5	34 000	34 000										30,0
32,0	68,3	135,7	33 700	33 700	71,1	136,4	34 000	34 000						32,0
34,0	66,2	134,8	33 400	33 400	69,0	135,7	34 000	34 000						34,0
36,0	64,1	133,9	32 800	32 800	66,9	134,9	33 900	33 900						36,0
38,0	61,9	132,8	31 600	31 600	64,8	133,9	33 700	33 700						38,0
40,0	59,7	131,7	30 400	30 400	62,7	132,9	33 400	33 400	67,0	134,2	33 500	33 500		40,0
42,0	57,4	130,4	29 100	29 100	60,5	131,8	33 000	33 000	64,9	133,3	33 500	33 500		42,0
44,0	55,1	129,0	27 900	27 900	58,3	130,6	31 900	31 900	62,8	132,3	33 500	33 500		44,0
46,0	52,7	127,5	26 700	26 700	56,0	129,2	30 700	30 700	60,6	131,2	33 500	33 500		46,0
48,0	50,3	125,9	25 500	25 500	53,6	127,8	29 500	29 500	58,3	130,0	32 700	33 200		48,0
50,0	47,7	124,1	24 400	24 400	51,2	126,2	28 300	28 300	56,0	128,6	30 800	32 300		50,0
52,0	45,0	122,1	23 300	23 300	48,6	124,5	27 100	27 100	53,7	127,2	29 200	31 200		52,0
54,0	42,2	120,0	22 300	22 300	46,0	122,6	26 000	26 000	51,2	125,6	27 600	30 100		54,0
56,0	39,3	117,6	21 400	21 400	43,3	120,5	24 900	24 900	48,7	123,9	26 200	29 000		56,0
58,0	36,1	114,9	20 500	20 500	40,3	118,2	23 800	23 800	46,1	122,0	24 900	27 900		58,0
60,0	32,6	111,9	19 700	19 700	37,2	115,6	22 900	22 900	43,3	119,9	23 600	26 700		60,0
62,0	28,8	108,4	19 000	19 000	33,9	112,7	21 900	21 900	40,4	117,6	22 500	25 600		62,0
64,0	24,4	104,3	18 400	18 400	30,2	109,4	21 100	21 100	37,3	115,0	21 400	24 500		64,0
66,0	19,0	99,0	18 000	18 000	26,0	105,6	20 000	20 000	34,0	112,2	20 300	23 300		66,0
68,0	11,3	91,2	17 200	17 200	21,1	100,8	18 800	18 800	30,3	108,9	19 400	22 200		68,0
70,0					14,6	94,3	17 400	17 400	26,2	105,0	18 400	21 000		70,0
72,0									21,3	100,3	17 500	19 800		72,0
74,0									14,8	93,9	16 700	18 400		74,0
76,0														76,0
78,0														78,0
80,0														80,0
82,0														82,0
84,0														84,0
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90,0														90,0
92,0														92,0
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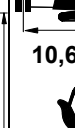
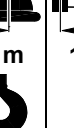
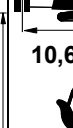
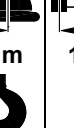
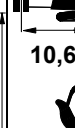
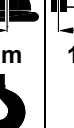
MLC300 VPC-MAX S-1

ASME B30.5



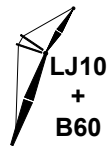
135 100 kg



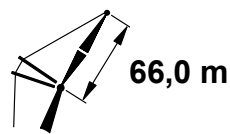
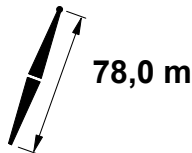
	 75°				 70°				 65°						
	 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg		 kg	 m
27,4															27,4
28,0															28,0
30,0															30,0
32,0															32,0
34,0															34,0
36,0															36,0
38,0															38,0
40,0															40,0
42,0															42,0
44,0															44,0
46,0															46,0
48,0															48,0
50,0															50,0
52,0	61,3	130,0	23 900	32 100											52,0
54,0	59,1	128,8	22 600	32 400											54,0
56,0	56,8	127,6	21 300	31 600											56,0
58,0	54,5	126,1	20 200	30 100											58,0
60,0	52,1	124,6	19 100	28 800											60,0
62,0	49,6	122,9	18 100	27 500	57,4	125,8	13 800	24 200							62,0
64,0	47,0	121,1	17 100	26 300	55,1	124,4	13 000	23 100							64,0
66,0	44,3	119,1	16 300	25 200	52,7	122,9	12 200	22 100							66,0
68,0	41,4	116,9	15 400	24 100	50,2	121,3	11 500	21 100							68,0
70,0	38,4	114,4	14 600	23 100	47,7	119,5	10 900	20 200							70,0
72,0	35,1	111,6	13 900	22 200	45,0	117,5	10 200	19 400	53,1	120,5	6 700	16 700			72,0
74,0	31,6	108,5	13 200	21 300	42,2	115,3	9 600	18 600	50,6	118,9	6 200	15 900			74,0
76,0	27,6	104,9	12 500	20 500	39,2	112,9	9 000	17 800	48,1	117,1	5 700	15 300			76,0
78,0	23,0	100,5	11 800	19 700	36,0	110,3	8 500	17 100	45,4	115,1	5 200	14 600			78,0
80,0	17,3	94,8	11 200	18 900	32,5	107,2	8 000	16 400	42,6	113,0	4 800	14 000			80,0
82,0	7,9	85,2	10 500	18 100	28,7	103,8	7 500	15 800	39,7	110,7		13 400			82,0
84,0					24,3	99,6	7 000	15 100	36,5	108,0		12 900			84,0
86,0					18,9	94,3	6 500	14 500	33,1	105,1		12 300			86,0
88,0					11,1	86,4	6 000	13 900	29,3	101,6		11 800			88,0
90,0									25,0	97,6		11 300			90,0
92,0									19,8	92,6		10 800			92,0
94,0									12,6	85,3		10 300			94,0

MLC300 VPC-MAX S-1

ASME B30.5



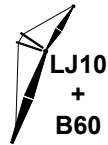
135 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,1	143,2	29 600	29 600									29,0
30,0	72,2	142,8	29 500	29 500									30,0
32,0	70,3	142,1	29 300	29 300									32,0
34,0	68,5	141,4	29 100	29 100	71,0	142,1	29 300	29 300					34,0
36,0	66,6	140,5	28 900	28 900	69,1	141,3	29 300	29 300					36,0
38,0	64,7	139,6	28 700	28 700	67,3	140,5	29 200	29 200					38,0
40,0	62,7	138,5	27 900	27 900	65,4	139,6	29 100	29 100					40,0
42,0	60,7	137,4	26 900	26 900	63,4	138,6	28 900	28 900	67,3	139,9	28 800	28 800	42,0
44,0	58,7	136,2	25 900	25 900	61,4	137,5	28 700	28 700	65,4	139,0	28 800	28 800	44,0
46,0	56,6	134,9	24 900	24 900	59,4	136,4	28 300	28 300	63,5	138,0	28 800	28 800	46,0
48,0	54,5	133,5	23 900	23 900	57,4	135,1	27 400	27 400	61,5	136,9	28 800	28 800	48,0
50,0	52,3	132,0	23 000	23 000	55,3	133,7	26 400	26 400	59,5	135,8	28 700	28 700	50,0
52,0	50,1	130,3	22 000	22 000	53,1	132,2	25 400	25 400	57,4	134,5	28 400	28 600	52,0
54,0	47,7	128,5	21 100	21 100	50,9	130,6	24 500	24 500	55,3	133,1	26 900	28 100	54,0
56,0	45,3	126,6	20 200	20 200	48,6	128,9	23 500	23 500	53,2	131,6	25 400	27 100	56,0
58,0	42,8	124,5	19 400	19 400	46,2	127,0	22 600	22 600	51,0	130,0	24 100	26 200	58,0
60,0	40,1	122,1	18 600	18 600	43,7	124,9	21 700	21 700	48,7	128,3	22 900	25 300	60,0
62,0	37,3	119,6	17 900	17 900	41,1	122,7	20 800	20 800	46,3	126,4	21 700	24 300	62,0
64,0	34,3	116,7	17 200	17 200	38,3	120,2	20 000	20 000	43,8	124,4	20 600	23 400	64,0
66,0	31,0	113,5	16 600	16 600	35,4	117,5	19 300	19 300	41,2	122,1	19 600	22 500	66,0
68,0	27,3	109,8	16 100	16 100	32,2	114,4	18 500	18 500	38,4	119,7	18 700	21 500	68,0
70,0	23,1	105,4	15 600	15 600	28,7	110,9	17 700	17 700	35,5	116,9	17 800	20 600	70,0
72,0	18,0	99,9	15 200	15 200	24,7	106,8	16 700	16 700	32,3	113,9	16 900	19 600	72,0
74,0	10,6	91,6	14 300	14 300	20,0	101,8	15 600	15 600	28,8	110,4	16 100	18 600	74,0
76,0					13,8	94,8	14 400	14 400	24,9	106,3	15 300	17 600	76,0
78,0									20,2	101,3	14 500	16 600	78,0
80,0									14,0	94,5	13 800	15 400	80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0

MLC300 VPC-MAX S-1

ASME B30.5



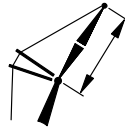
135 100 kg



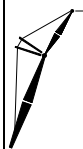
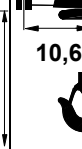
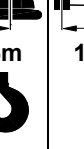
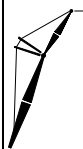
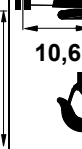
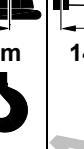
360°



78,0 m



66,0 m

	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	62,2	135,8	21 700	27 300								54,0
56,0	60,2	134,6	20 500	27 500								56,0
58,0	58,1	133,4	19 300	27 700								58,0
60,0	56,0	132,1	18 200	27 700								60,0
62,0	53,9	130,6	17 300	26 900								62,0
64,0	51,7	129,1	16 300	25 700	58,7	131,6	12 100	22 400				64,0
66,0	49,4	127,4	15 400	24 600	56,6	130,3	11 300	21 400				66,0
68,0	47,1	125,5	14 600	23 500	54,5	128,9	10 600	20 500				68,0
70,0	44,6	123,5	13 800	22 600	52,3	127,4	10 000	19 600				70,0
72,0	42,1	121,4	13 100	21 600	50,0	125,7	9 300	18 800				72,0
74,0	39,4	119,0	12 400	20 800	47,7	123,9	8 800	18 000				74,0
76,0	36,5	116,3	11 700	19 900	45,3	122,0	8 200	17 200				76,0
78,0	33,4	113,4	11 100	19 100	42,7	119,8	7 700	16 500	50,4	123,3	13 900	78,0
80,0	30,0	110,1	10 500	18 400	40,1	117,5	7 100	15 800	48,0	121,5	13 300	80,0
82,0	26,2	106,2	9 900	17 700	37,2	114,9	6 700	15 200	45,6	119,6	12 800	82,0
84,0	21,8	101,6	9 300	17 000	34,2	112,1	6 200	14 600	43,1	117,5	12 200	84,0
86,0	16,3	95,5	8 800	16 300	30,9	108,9	5 700	14 000	40,5	115,2	11 700	86,0
88,0	7,3	85,3	8 200	15 600	27,3	105,1	5 300	13 400	37,7	112,7	11 200	88,0
90,0					23,0	100,7	4 900	12 900	34,7	109,9	10 700	90,0
92,0					17,9	95,2		12 400	31,4	106,7	10 300	92,0
94,0					10,4	86,8		11 800	27,8	103,1	9 800	94,0
96,0									23,7	98,8	9 400	96,0
98,0									18,8	93,4	9 000	98,0
100,0									11,9	85,8	8 500	100,0