

Liftcrane Luffing Jib Capacities

Luffing Jib No. LJ11:500-501 on
 Boom No. B65:505-500
 with Mast No. M11:503
 175 100 kg VPC (Variable Position Counterweight)
 360 Degree Rating

MLC300 VPC-MAX SERIES 2



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

Upper luffing jib point capacity for liftcrane service with single part whip line is 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. 84050217**, Mast Rigging **No. 84045340**, Wire Rope Specifications chart **No. 9668-A**, Counterweight Arrangements chart **No. 9345-A**, Luffing Jib Raising Procedure chart **No. 9665-AM**, and Wind Conditions chart **No. 9667-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9666-A**.



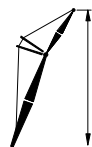
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



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



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



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

MACHINE EQUIPMENT: Machine equipped with VPC-MAX, 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 175 100 kg VPC.

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



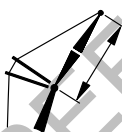
VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

Explanation of Symbols (continued)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



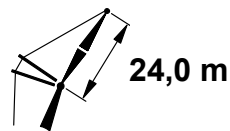
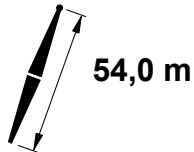
Lifting Capacities
(see page 1)

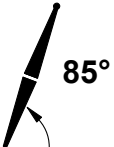
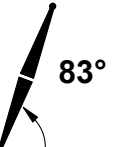
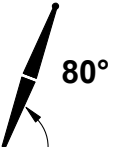
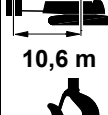
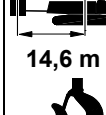
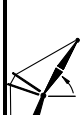
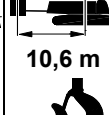
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



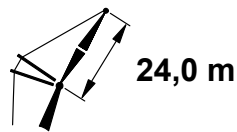
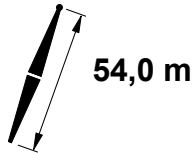
	 85°				 83°				 80°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
15,2	71,7	78,9	147 200 d	147 200 d										15,2
16,0	69,8	78,6	141 200 d	141 200 d										16,0
18,0	64,5	77,7	123 300 b	123 300 b										18,0
20,0	59,0	76,5	107 900 b	107 900 b	64,2	77,4	134 300 b	134 300 b						20,0
22,0	53,0	75,0	96 400	96 400	58,6	76,2	117 000 b	117 000 b	66,4	77,3	123 200 c	141 200 c		22,0
24,0	46,6	73,2	87 200	87 200	52,7	74,7	103 600	103 600	60,9	76,3	110 500 b	132 400 b		24,0
26,0	39,3	70,9	79 900	79 900	46,2	72,9	93 300	93 300	55,2	74,9	100 100	123 000		26,0
28,0	30,5	67,8	74 400	74 400	38,9	70,5	85 300	85 300	48,9	73,2	91 400	109 000		28,0
30,0	17,7	62,9	68 600	68 600	29,9	67,4	79 000	79 000	42,0	71,1	84 000	98 200		30,0
32,0					16,7	62,2	74 000	74 000	33,8	68,4	77 600	89 600		32,0
34,0									23,1	64,3	72 000	81 400		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

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175 100 kg



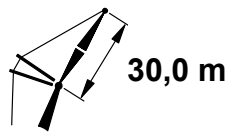
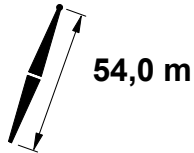
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,0	74,3	79 800	101 900									30,0
32,0	51,0	72,7	73 700	94 200									32,0
34,0	44,3	70,8	68 500	87 700									34,0
36,0	36,6	68,2	63 800	81 800	52,6	71,7	60 500	78 500					36,0
38,0	26,9	64,7	59 700	76 600	46,1	69,8	56 600	73 500					38,0
40,0					38,7	67,5	53 100	69 100					40,0
42,0					29,7	64,3	50 000	65 100	47,3	68,3	47 300	62 500	42,0
44,0					16,3	59,1	47 000	61 400	40,1	66,1	44 600	59 000	44,0
46,0									31,5	63,1	42 100	55 900	46,0
48,0									19,5	58,5	39 800	53 000	48,0

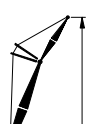
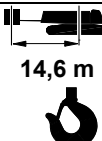
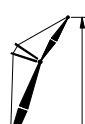
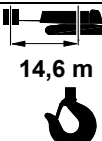
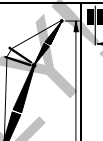
MLC300 VPC-MAX S-2

ASME B30.5



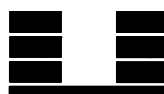
175 100 kg



	 85°				 83°				 80°							
				 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
16,8	72,4	84,7	116 600 c	116 600 c												16,8
18,0	69,9	84,3	115 200 b	115 200 b												18,0
20,0	65,7	83,4	110 400 b	110 400 b	69,7	84,0	115 500 b	115 500 b								20,0
22,0	61,4	82,3	97 700	97 700	65,5	83,1	112 300 b	112 300 b								22,0
24,0	56,9	81,0	87 800	87 800	61,2	82,0	105 400	105 400								24,0
26,0	52,1	79,5	79 700	79 700	56,6	80,7	95 700	95 700	63,0	82,0	99 600	109 400				26,0
28,0	46,9	77,7	73 400	73 400	51,8	79,2	86 600	86 600	58,5	80,8	91 000	102 000				28,0
30,0	41,3	75,5	68 100	68 100	46,6	77,4	79 300	79 300	53,8	79,4	83 600	95 300				30,0
32,0	34,8	72,8	63 800	63 800	40,9	75,2	73 200	73 200	48,8	77,7	77 200	89 100				32,0
34,0	27,0	69,2	60 500	60 500	34,4	72,4	68 400	68 400	43,3	75,7	71 800	83 600				34,0
36,0	15,7	63,7	54 100	54 100	26,5	68,8	64 600	64 600	37,2	73,2	66 900	77 600				36,0
38,0					14,8	63,0	56 700	56 700	30,0	70,0	62 600	70 900				38,0
40,0									20,4	65,4	58 700	63 700				40,0
42,0																42,0
44,0																44,0
46,0																46,0
48,0																48,0
50,0																50,0
52,0																52,0
54,0																54,0

MLC300 VPC-MAX S-2

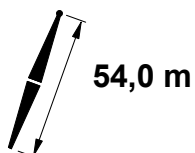
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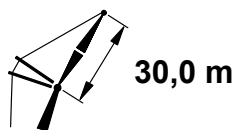
175 100 kg



360°



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	59,9	80,2	73 200	93 700									32,0
34,0	55,3	78,8	68 000	87 200									34,0
36,0	50,4	77,2	63 400	81 400									36,0
38,0	45,1	75,3	59 300	76 200									38,0
40,0	39,2	72,9	55 700	71 700	51,7	76,2	52 600	68 600					40,0
42,0	32,4	70,0	52 400	67 600	46,5	74,3	49 500	64 700					42,0
44,0	23,9	66,0	49 400	63 800	40,8	72,1	46 700	61 100					44,0
46,0					34,3	69,3	44 200	57 900	47,5	72,8	41 600	55 400	46,0
48,0					26,3	65,7	41 800	55 000	41,9	70,7	39 400	52 600	48,0
50,0					14,4	59,8	39 600	52 200	35,6	68,0	37 400	50 000	50,0
52,0									28,0	64,6	35 500	47 600	52,0
54,0									17,3	59,4	33 700	45 300	54,0

MLC300 VPC-MAX S-2

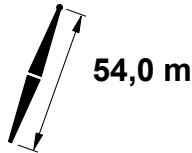
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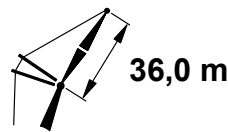
175 100 kg



360°



54,0 m



36,0 m

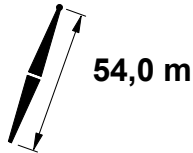
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
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20,0	70,0	89,9	112 000	112 000									20,0
22,0	66,6	89,1	99 400	99 400	69,8	89,7	114 100	114 100					22,0
24,0	63,0	88,1	88 600	88 600	66,4	88,8	108 100	108 100					24,0
26,0	59,3	86,9	80 100	80 100	62,8	87,8	98 800	98 800	67,8	88,7	98 400	112 800	26,0
28,0	55,5	85,6	73 400	73 400	59,1	86,6	88 700	88 700	64,3	87,8	89 900	107 100	28,0
30,0	51,4	84,0	67 700	67 700	55,3	85,3	80 500	80 500	60,6	86,7	82 500	101 600	30,0
32,0	47,2	82,2	62 900	62 900	51,2	83,7	73 800	73 800	56,8	85,4	76 200	95 100	32,0
34,0	42,5	80,1	59 000	59 000	46,9	81,9	68 400	68 400	52,9	83,9	70 700	85 700	34,0
36,0	37,4	77,6	55 700	55 700	42,3	79,7	63 900	63 900	48,7	82,2	65 900	77 700	36,0
38,0	31,6	74,5	52 900	52 900	37,1	77,2	60 000	60 000	44,2	80,2	61 600	70 900	38,0
40,0	24,5	70,5	50 600	50 600	31,2	74,1	56 900	56 900	39,3	77,8	57 900	65 100	40,0
42,0	14,2	64,4	43 800	43 800	24,1	70,1	53 700	53 700	33,8	75,0	54 400	60 000	42,0
44,0					13,4	63,7	44 800	44 800	27,2	71,4	51 300	55 500	44,0
46,0									18,5	66,3	48 000	50 600	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0

MLC300 VPC-MAX S-2

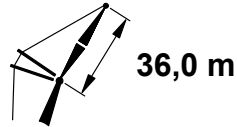
ASME B30.5



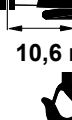
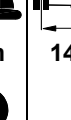
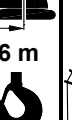
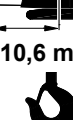
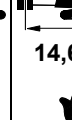
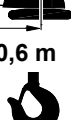
175 100 kg



54,0 m



36,0 m

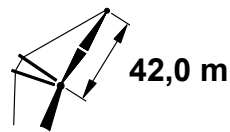
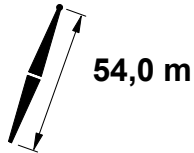
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
18,3														18,3
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0	61,8	85,9	66 800	85 900										34,0
36,0	58,1	84,7	62 200	80 200										36,0
38,0	54,2	83,3	58 200	75 100										38,0
40,0	50,0	81,7	54 600	70 600										40,0
42,0	45,7	79,8	51 300	66 500	55,2	82,2	48 300	63 500						42,0
44,0	40,9	77,5	48 400	62 800	51,1	80,6	45 500	59 900						44,0
46,0	35,6	74,9	45 700	59 500	46,8	78,8	43 000	56 800						46,0
48,0	29,4	71,6	43 300	56 500	42,2	76,7	40 700	53 900	51,9	79,1	37 700	51 300		48,0
50,0	21,6	67,1	41 100	52 800	37,0	74,1	38 600	51 200	47,6	77,3	35 800	48 700		50,0
52,0					31,1	71,0	36 700	48 700	43,0	75,2	33 900	46 400		52,0
54,0					23,9	66,9	34 900	46 400	38,0	72,8	32 200	44 300		54,0
56,0					13,0	60,4	33 100	44 300	32,3	69,8	30 600	42 200		56,0
58,0									25,4	65,9	29 100	40 400		58,0
60,0									15,7	60,2	27 600	38 600		60,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



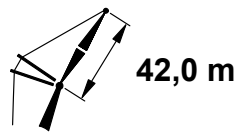
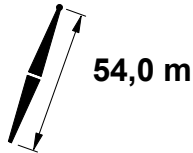
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,3	96,3	101 000	101 000									19,8
20,0	73,0	96,3	100 200	100 200									20,0
22,0	70,1	95,6	92 400	92 400									22,0
24,0	67,1	94,8	85 000	85 000	69,9	95,3	92 300	92 300					24,0
26,0	64,1	93,8	78 300	78 300	67,0	94,5	85 100	85 100					26,0
28,0	61,0	92,7	72 300	72 300	63,9	93,5	78 500	78 500					28,0
30,0	57,8	91,5	66 800	66 800	60,8	92,4	72 400	72 400	65,2	93,5	81 400	81 400	30,0
32,0	54,5	90,1	61 900	61 900	57,6	91,2	67 000	67 000	62,1	92,4	75 200	75 200	32,0
34,0	51,0	88,5	57 500	57 500	54,3	89,8	62 100	62 100	58,9	91,2	69 600	69 600	34,0
36,0	47,3	86,7	53 500	53 500	50,8	88,2	57 600	57 600	55,7	89,9	64 500	64 500	36,0
38,0	43,4	84,6	49 900	49 900	47,1	86,3	53 600	53 600	52,2	88,4	59 800	59 800	38,0
40,0	39,2	82,2	46 600	46 600	43,2	84,3	50 000	50 000	48,6	86,7	55 600	55 600	40,0
42,0	34,5	79,5	43 600	43 600	38,9	81,9	46 700	46 700	44,8	84,7	51 800	51 800	42,0
44,0	29,1	76,1	40 900	40 900	34,2	79,1	43 700	43 700	40,7	82,4	48 300	48 300	44,0
46,0	22,6	71,7	38 400	38 400	28,8	75,6	41 000	41 000	36,2	79,8	45 200	45 200	46,0
48,0	13,1	65,0	34 400	34 400	22,2	71,2	38 500	38 500	31,1	76,7	42 400	42 400	48,0
50,0					12,3	64,3	35 700	35 700	25,1	72,7	39 800	39 800	50,0
52,0									17,1	67,2	37 400	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-2

ASME B30.5



175 100 kg



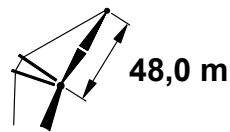
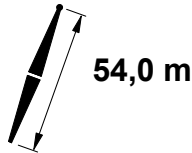
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	59,9	90,6	57 600	71 500									38,0
40,0	56,7	89,3	54 000	66 300									40,0
42,0	53,3	87,8	50 800	61 600									42,0
44,0	49,8	86,1	47 900	57 300									44,0
46,0	46,0	84,3	45 300	53 400	54,2	86,7	42 400	56 200					46,0
48,0	42,0	82,1	42 900	49 800	50,7	85,1	40 200	53 300					48,0
50,0	37,7	79,6	40 700	46 600	47,0	83,3	38 100	50 700					50,0
52,0	32,8	76,6	38 700	43 600	43,1	81,2	36 200	48 200	51,4	83,6	33 100	45 800	52,0
54,0	27,1	73,0	36 800	40 900	38,8	78,8	34 400	46 000	47,7	81,8	31 500	43 700	54,0
56,0	19,9	68,1	35 000	38 500	34,1	76,0	32 800	43 900	43,8	79,8	29 900	41 700	56,0
58,0					28,7	72,6	31 200	41 900	39,6	77,4	28 400	39 900	58,0
60,0					22,0	68,1	29 700	39 400	35,0	74,7	27 100	38 200	60,0
62,0					12,0	61,0	28 200	37 200	29,7	71,4	25 800	36 600	62,0
64,0									23,4	67,2	24 600	35 000	64,0
66,0									14,4	60,9	23 400	33 600	66,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



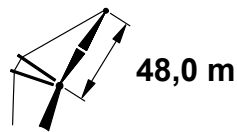
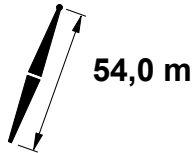
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,5	102,2	91 600	91 600									21,3
22,0	72,7	102,0	91 100	91 100									22,0
24,0	70,2	101,2	89 600	89 600									24,0
26,0	67,6	100,4	83 700	83 700	70,0	101,0	90 000	90 000					26,0
28,0	64,9	99,5	75 700	75 700	67,4	100,2	88 000	88 000					28,0
30,0	62,3	98,5	69 100	69 100	64,8	99,2	83 400	84 300					30,0
32,0	59,5	97,3	63 600	63 600	62,1	98,2	77 300	78 500	65,9	99,2	74 500	88 000	32,0
34,0	56,7	96,0	59 100	59 100	59,3	97,0	71 500	71 700	63,2	98,2	69 100	83 900	34,0
36,0	53,7	94,6	55 200	55 200	56,5	95,7	66 000	66 000	60,5	97,1	64 300	77 200	36,0
38,0	50,6	93,0	51 900	51 900	53,5	94,3	61 300	61 300	57,7	95,8	60 100	70 400	38,0
40,0	47,4	91,2	49 000	49 000	50,5	92,6	57 200	57 200	54,8	94,4	56 300	64 500	40,0
42,0	44,0	89,1	46 400	46 400	47,2	90,8	53 300	53 300	51,7	92,9	52 900	59 500	42,0
44,0	40,4	86,9	44 200	44 200	43,8	88,8	49 500	49 500	48,6	91,1	49 900	55 000	44,0
46,0	36,5	84,2	42 300	42 300	40,2	86,5	46 100	46 100	45,3	89,2	47 100	51 000	46,0
48,0	32,1	81,2	40 400	40 400	36,3	83,9	43 100	43 100	41,7	87,0	44 600	47 500	48,0
50,0	27,1	77,5	37 900	37 900	31,9	80,8	40 300	40 300	37,9	84,5	42 300	44 400	50,0
52,0	21,1	72,8	35 200	35 200	26,8	77,1	37 800	37 800	33,7	81,6	40 100	41 500	52,0
54,0	12,2	65,7	28 500	28 500	20,7	72,3	35 100	35 100	29,0	78,2	38 200	38 900	54,0
56,0					11,5	64,9	29 400	29 400	23,4	74,0	36 400	36 500	56,0
58,0									15,9	68,0	34 000	34 000	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-2

ASME B30.5



175 100 kg



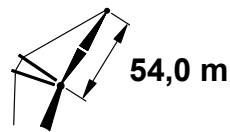
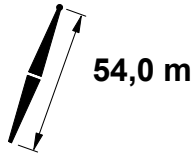
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,3	96,3	52 800	68 800									40,0
42,0	58,6	95,1	49 600	64 800									42,0
44,0	55,7	93,8	46 700	61 100									44,0
46,0	52,7	92,3	44 100	57 800									46,0
48,0	49,6	90,6	41 700	54 800	56,4	92,7	38 500	52 000					48,0
50,0	46,3	88,8	39 500	52 100	53,5	91,2	36 400	49 400					50,0
52,0	42,9	86,7	37 500	48 700	50,4	89,6	34 500	47 000					52,0
54,0	39,1	84,3	35 700	45 400	47,2	87,8	32 700	44 800					54,0
56,0	35,1	81,5	34 000	42 500	43,8	85,7	31 100	42 700	51,0	88,0	28 100	40 400	56,0
58,0	30,6	78,3	32 400	39 800	40,1	83,4	29 600	40 800	47,8	86,3	26 700	38 600	58,0
60,0	25,3	74,3	30 900	37 300	36,2	80,8	28 100	39 000	44,4	84,3	25 300	36 900	60,0
62,0	18,6	69,1	29 400	35 000	31,8	77,7	26 800	37 400	40,8	82,0	24 100	35 300	62,0
64,0	6,7	59,4	28 000	31 500	26,7	74,0	25 500	35 800	36,9	79,4	22 900	33 800	64,0
66,0					20,5	69,2	24 300	34 300	32,6	76,4	21 800	32 400	66,0
68,0					11,2	61,6	23 100	32 900	27,7	72,9	20 800	31 100	68,0
70,0									21,8	68,3	19 800	29 900	70,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



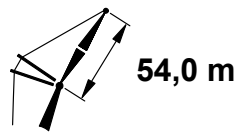
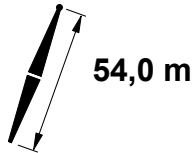
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,7	108,0	77 300	77 300									22,9
24,0	72,4	107,6	73 700	73 700									24,0
26,0	70,2	106,9	67 700	67 700									26,0
28,0	67,9	106,1	62 200	62 200	70,1	106,6	67 600	67 600					28,0
30,0	65,6	105,2	57 200	57 200	67,8	105,8	62 100	62 100					30,0
32,0	63,2	104,2	52 600	52 600	65,5	104,9	57 100	57 100	68,7	105,7	64 300	64 300	32,0
34,0	60,8	103,1	48 500	48 500	63,1	103,9	52 600	52 600	66,4	104,9	59 300	59 300	34,0
36,0	58,3	101,9	44 700	44 700	60,7	102,8	48 500	48 500	64,1	103,9	54 600	54 600	36,0
38,0	55,7	100,5	41 300	41 300	58,2	101,6	44 700	44 700	61,6	102,8	50 300	50 300	38,0
40,0	53,1	99,1	38 200	38 200	55,6	100,2	41 300	41 300	59,2	101,7	46 400	46 400	40,0
42,0	50,4	97,4	35 400	35 400	53,0	98,8	38 200	38 200	56,7	100,4	42 900	42 900	42,0
44,0	47,5	95,6	32 800	32 800	50,2	97,1	35 400	35 400	54,0	98,9	39 600	39 600	44,0
46,0	44,5	93,6	30 400	30 400	47,4	95,3	32 800	32 800	51,3	97,4	36 700	36 700	46,0
48,0	41,4	91,4	28 200	28 200	44,4	93,3	30 400	30 400	48,5	95,6	34 000	34 000	48,0
50,0	38,0	88,9	26 200	26 200	41,2	91,1	28 200	28 200	45,6	93,7	31 500	31 500	50,0
52,0	34,3	86,1	24 300	24 300	37,8	88,6	26 200	26 200	42,5	91,6	29 200	29 200	52,0
54,0	30,2	82,8	22 600	22 600	34,1	85,7	24 300	24 300	39,2	89,2	27 100	27 100	54,0
56,0	25,5	78,9	21 000	21 000	30,0	82,4	22 600	22 600	35,6	86,5	25 200	25 200	56,0
58,0	19,8	73,9	19 500	19 500	25,2	78,4	21 000	21 000	31,7	83,4	23 400	23 400	58,0
60,0					19,4	73,3	19 500	19 500	27,3	79,7	21 700	21 700	60,0
62,0					10,8	65,4	18 100	18 100	22,0	75,1	20 200	20 200	62,0
64,0									14,9	68,8	18 800	18 800	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

MLC300 VPC-MAX S-2

ASME B30.5



175 100 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	62,4	102,1	49 000	51 600									42,0
44,0	60,0	101,0	46 200	47 700									44,0
46,0	57,5	99,7	43 500	44 100									46,0
48,0	54,9	98,3	40 800	40 800									48,0
50,0	52,2	96,8	37 800	37 800									50,0
52,0	49,4	95,1	35 000	35 000	55,5	97,2	33 700	41 500					52,0
54,0	46,5	93,2	32 400	32 400	52,9	95,7	32 000	38 500					54,0
56,0	43,5	91,2	30 100	30 100	50,2	94,1	30 400	35 800					56,0
58,0	40,3	88,9	27 900	27 900	47,3	92,3	28 800	33 200	53,4	94,1	25 900	38 000	58,0
60,0	36,8	86,3	25 900	25 900	44,3	90,2	27 400	30 800	50,7	92,5	24 600	36 100	60,0
62,0	33,0	83,3	24 100	24 100	41,1	88,0	26 100	28 600	47,8	90,7	23 300	33 600	62,0
64,0	28,7	79,8	22 400	22 400	37,7	85,5	24 900	26 600	44,9	88,8	22 200	31 200	64,0
66,0	23,8	75,6	20 800	20 800	34,0	82,6	23 700	24 700	41,7	86,6	21 100	29 000	66,0
68,0	17,5	70,0	19 300	19 300	29,9	79,3	22 600	23 000	38,3	84,1	20 100	27 000	68,0
70,0	6,3	59,7	18 000	18 000	25,1	75,3	21 300	21 300	34,7	81,3	19 100	25 100	70,0
72,0					19,3	70,2	19 900	19 900	30,7	78,1	18 200	23 400	72,0
74,0					10,5	62,2	18 500	18 500	26,1	74,2	17 300	21 800	74,0
76,0									20,5	69,4	16 500	20 200	76,0

MLC300 VPC-MAX S-2

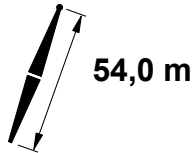
ASME B30.5



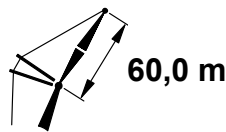
175 100 kg



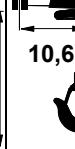
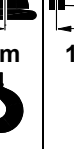
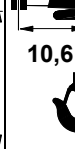
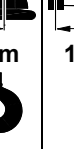
360°



54,0 m



60,0 m

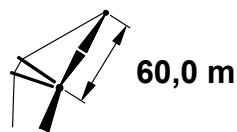
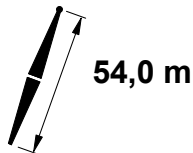
	85°				83°				80°				
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m
24,4	73,9	113,8	72 100	72 100									24,4
26,0	72,3	113,3	71 300	71 300									26,0
28,0	70,2	112,6	70 300	70 300									28,0
30,0	68,2	111,8	69 200	69 200	70,1	112,3	70 600	70 600					30,0
32,0	66,1	110,9	65 900	65 900	68,1	111,5	69 800	69 800					32,0
34,0	64,0	109,9	60 700	60 700	66,0	110,6	68 500	68 800					34,0
36,0	61,8	108,9	56 300	56 300	63,9	109,7	65 100	66 000	66,8	110,5	62 500	69 200	36,0
38,0	59,6	107,7	52 500	52 500	61,7	108,6	60 700	60 800	64,7	109,6	58 300	68 500	38,0
40,0	57,3	106,5	49 300	49 300	59,5	107,4	56 000	56 000	62,6	108,6	54 600	63 000	40,0
42,0	55,0	105,1	46 400	46 400	57,2	106,2	51 700	51 700	60,4	107,5	51 200	57 900	42,0
44,0	52,6	103,6	43 900	43 900	54,9	104,8	47 900	47 900	58,1	106,2	48 200	53 400	44,0
46,0	50,2	101,9	41 600	41 600	52,5	103,3	44 600	44 600	55,8	104,9	45 400	49 500	46,0
48,0	47,6	100,1	39 000	39 000	50,0	101,6	41 600	41 600	53,5	103,4	42 900	46 000	48,0
50,0	44,9	98,1	36 500	36 500	47,4	99,8	38 800	38 800	51,0	101,8	40 600	42 800	50,0
52,0	42,1	96,0	34 200	34 200	44,8	97,8	36 400	36 400	48,5	100,1	38 500	40 000	52,0
54,0	39,1	93,6	32 100	32 100	41,9	95,6	34 100	34 100	45,9	98,2	36 600	37 400	54,0
56,0	35,9	90,9	30 200	30 200	38,9	93,2	32 000	32 000	43,1	96,1	34 800	35 100	56,0
58,0	32,4	87,9	28 400	28 400	35,7	90,5	30 100	30 100	40,2	93,8	32 900	32 900	58,0
60,0	28,6	84,4	26 700	26 700	32,2	87,5	28 300	28 300	37,1	91,2	30 900	30 900	60,0
62,0	24,2	80,2	25 200	25 200	28,4	83,9	26 700	26 700	33,7	88,3	29 100	29 100	62,0
64,0	18,7	74,9	23 300	23 300	23,9	79,7	25 100	25 100	30,0	85,0	27 400	27 400	64,0
66,0					18,4	74,3	23 300	23 300	25,8	81,1	25 800	25 800	66,0
68,0					10,2	65,9	19 100	19 100	20,8	76,2	24 300	24 300	68,0
70,0									14,1	69,5	22 600	22 600	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-2

ASME B30.5



175 100 kg



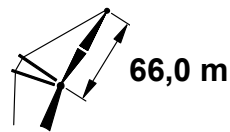
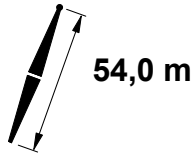
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,1	106,7	42 000	55 900									46,0
48,0	58,9	105,6	39 600	53 000									48,0
50,0	56,6	104,2	37 400	50 300									50,0
52,0	54,2	102,8	35 400	47 100									52,0
54,0	51,8	101,3	33 500	43 800	57,2	103,1	30 100	42 800					54,0
56,0	49,3	99,6	31 800	40 900	54,8	101,7	28 500	40 800					56,0
58,0	46,7	97,7	30 100	38 200	52,4	100,2	27 000	38 900					58,0
60,0	44,0	95,7	28 600	35 900	50,0	98,5	25 600	37 200					60,0
62,0	41,1	93,5	27 200	33 600	47,4	96,7	24 300	35 500					62,0
64,0	38,1	91,0	25 900	31 600	44,7	94,8	23 000	34 000	50,4	97,0	20 300	31 900	64,0
66,0	34,8	88,2	24 700	29 700	41,9	92,6	21 900	32 600	47,9	95,2	19 200	30 500	66,0
68,0	31,2	85,0	23 500	28 000	38,9	90,1	20 800	31 300	45,2	93,3	18 200	29 200	68,0
70,0	27,2	81,3	22 400	26 400	35,7	87,4	19 800	30 000	42,4	91,1	17 300	28 000	70,0
72,0	22,5	76,8	21 300	24 900	32,2	84,4	18 800	28 500	39,4	88,7	16 400	26 900	72,0
74,0	16,5	70,9	20 300	23 400	28,3	80,8	17 900	26 900	36,3	86,1	15 500	25 800	74,0
76,0	6,0	60,0	19 200	20 700	23,8	76,6	17 000	25 300	32,8	83,1	14 700	24 800	76,0
78,0					18,3	71,1	16 100	23 900	29,0	79,7	13 900	23 900	78,0
80,0									24,7	75,6	13 200	22 900	80,0
82,0									19,4	70,4	12 500	22 100	82,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



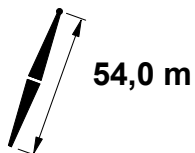
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	72,6	119,1	62 200	62 200									27,4
28,0	72,1	118,9	62 200	62 200									28,0
30,0	70,2	118,2	62 100	62 100									30,0
32,0	68,4	117,4	61 500	61 500	70,1	117,9	61 200	61 200					32,0
34,0	66,5	116,6	60 500	60 500	68,3	117,2	61 200	61 200					34,0
36,0	64,6	115,6	57 700	57 700	66,4	116,3	61 000	61 000					36,0
38,0	62,6	114,6	53 500	53 500	64,5	115,3	59 500	59 500	67,2	116,2	57 500	58 900	38,0
40,0	60,6	113,5	50 000	50 000	62,5	114,3	55 000	55 000	65,3	115,3	53 900	58 900	40,0
42,0	58,6	112,3	47 000	47 000	60,5	113,2	50 900	50 900	63,3	114,3	50 500	57 000	42,0
44,0	56,5	111,0	44 100	44 100	58,5	112,0	47 300	47 300	61,3	113,2	47 500	52 700	44,0
46,0	54,4	109,5	41 100	41 100	56,4	110,7	44 000	44 000	59,3	112,0	44 800	48 900	46,0
48,0	52,2	108,0	38 400	38 400	54,3	109,2	41 100	41 100	57,3	110,8	42 300	45 400	48,0
50,0	50,0	106,4	36 000	36 000	52,1	107,7	38 400	38 400	55,2	109,4	40 000	42 300	50,0
52,0	47,6	104,6	33 700	33 700	49,8	106,0	35 900	35 900	53,0	107,9	37 900	39 500	52,0
54,0	45,2	102,6	31 700	31 700	47,5	104,2	33 600	33 600	50,8	106,3	36 000	36 900	54,0
56,0	42,7	100,5	29 800	29 800	45,1	102,3	31 600	31 600	48,5	104,5	34 200	34 600	56,0
58,0	40,0	98,1	28 000	28 000	42,5	100,1	29 700	29 700	46,1	102,6	32 400	32 400	58,0
60,0	37,2	95,6	26 400	26 400	39,8	97,8	27 900	27 900	43,6	100,6	30 500	30 500	60,0
62,0	34,1	92,7	24 800	24 800	37,0	95,2	26 300	26 300	40,9	98,3	28 700	28 700	62,0
64,0	30,8	89,5	23 400	23 400	33,9	92,3	24 800	24 800	38,2	95,8	27 000	27 000	64,0
66,0	27,2	85,7	22 000	22 000	30,6	89,0	23 400	23 400	35,2	93,1	25 400	25 400	66,0
68,0	22,9	81,3	20 600	20 600	26,9	85,3	22 000	22 000	32,0	90,0	24 000	24 000	68,0
70,0	17,8	75,7	18 800	18 800	22,7	80,8	20 700	20 700	28,5	86,4	22 600	22 600	70,0
72,0					17,4	75,1	18 900	18 900	24,5	82,3	21 300	21 300	72,0
74,0					9,5	66,2	15 300	15 300	19,7	77,2	20 000	20 000	74,0
76,0									13,3	70,1	18 300	18 300	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-2

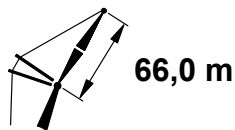
ASME B30.5



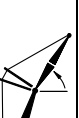
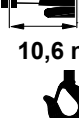
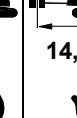
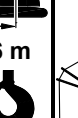
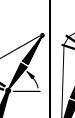
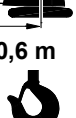
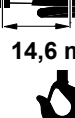
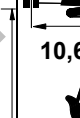
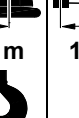
175 100 kg



54,0 m



66,0 m

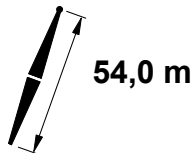
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
27,4														27,4
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0	62,0	112,5	38 600	52 300										48,0
50,0	60,0	111,3	36 400	49 500										50,0
52,0	57,9	110,1	34 400	46 600										52,0
54,0	55,8	108,7	32 500	43 300										54,0
56,0	53,7	107,3	30 800	40 400										56,0
58,0	51,5	105,7	29 200	37 800	56,4	107,6	25 900	38 200						58,0
60,0	49,2	104,0	27 700	35 400	54,2	106,2	24 600	36 400						60,0
62,0	46,8	102,2	26 300	33 200	52,0	104,7	23 300	34 800						62,0
64,0	44,4	100,2	25 000	31 200	49,8	103,0	22 100	33 300						64,0
66,0	41,8	98,0	23 800	29 300	47,4	101,2	20 900	31 900	52,5	103,1	18 100	29 700		66,0
68,0	39,1	95,6	22 600	27 600	45,0	99,2	19 900	30 600	50,2	101,4	17 200	28 500		68,0
70,0	36,2	92,9	21 500	26 000	42,5	97,1	18 800	29 300	47,9	99,7	16 200	27 300		70,0
72,0	33,1	89,9	20 500	24 500	39,8	94,7	17 900	28 000	45,5	97,7	15 400	26 200		72,0
74,0	29,6	86,5	19 500	23 100	36,9	92,1	17 000	26 500	42,9	95,6	14 500	25 100		74,0
76,0	25,8	82,6	18 600	21 800	33,9	89,2	16 100	25 000	40,3	93,3	13 700	24 100		76,0
78,0	21,3	77,8	17 700	20 500	30,6	86,0	15 300	23 500	37,5	90,7	13 000	23 200		78,0
80,0	15,6	71,6	16 800	19 300	26,9	82,2	14 500	22 200	34,5	87,9	12 300	22 300		80,0
82,0					22,6	77,7	13 800	20 900	31,2	84,7	11 600	21 400		82,0
84,0					17,3	71,9	13 000	19 700	27,6	81,1	10 900	20 600		84,0
86,0										23,4	76,7	10 300	19 800	86,0
88,0										18,4	71,3	9 700	19 000	88,0

MLC300 VPC-MAX S-2

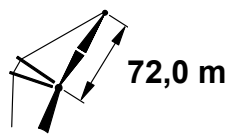
ASME B30.5



175 100 kg



54,0 m



72,0 m

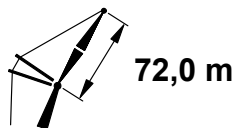
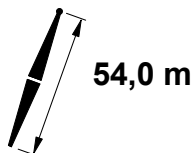
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	72,8	124,9	52 100	52 100									29,0
30,0	72,0	124,6	51 200	51 200									30,0
32,0	70,3	123,9	49 600	49 600	71,9	124,3	51 200	51 200					32,0
34,0	68,6	123,1	48 200	48 200	70,2	123,6	49 700	49 700					34,0
36,0	66,8	122,2	46 800	46 800	68,5	122,8	48 300	48 300					36,0
38,0	65,1	121,3	45 500	45 500	66,7	122,0	46 900	46 900					38,0
40,0	63,3	120,3	44 300	44 300	65,0	121,0	45 600	45 600	67,4	121,9	47 500	47 500	40,0
42,0	61,5	119,2	43 200	43 200	63,2	120,0	44 500	44 500	65,7	121,0	46 300	46 300	42,0
44,0	59,7	118,1	42 200	42 200	61,4	119,0	43 400	43 400	63,9	120,0	45 100	45 100	44,0
46,0	57,8	116,8	40 800	40 800	59,6	117,8	42 300	42 300	62,1	119,0	43 900	44 000	46,0
48,0	55,9	115,5	38 200	38 200	57,7	116,5	40 700	40 700	60,3	117,8	42 000	43 000	48,0
50,0	53,9	114,1	35 800	35 800	55,8	115,2	38 200	38 200	58,4	116,6	39 800	41 800	50,0
52,0	51,9	112,5	33 600	33 600	53,8	113,7	35 700	35 700	56,5	115,3	37 700	39 300	52,0
54,0	49,8	110,8	31 500	31 500	51,8	112,2	33 500	33 500	54,6	113,9	35 800	36 800	54,0
56,0	47,7	109,0	29 600	29 600	49,7	110,5	31 400	31 400	52,6	112,4	34 000	34 400	56,0
58,0	45,5	107,1	27 900	27 900	47,6	108,7	29 500	29 500	50,6	110,8	32 200	32 300	58,0
60,0	43,2	105,0	26 300	26 300	45,3	106,8	27 800	27 800	48,4	109,0	30 400	30 400	60,0
62,0	40,7	102,7	24 700	24 700	43,0	104,7	26 200	26 200	46,3	107,1	28 600	28 600	62,0
64,0	38,2	100,2	23 300	23 300	40,6	102,4	24 700	24 700	44,0	105,1	26 900	26 900	64,0
66,0	35,5	97,5	22 000	22 000	38,1	99,9	23 300	23 300	41,6	102,9	25 300	25 300	66,0
68,0	32,6	94,5	20 800	20 800	35,3	97,1	22 000	22 000	39,1	100,5	23 900	23 900	68,0
70,0	29,5	91,0	19 600	19 600	32,4	94,1	20 700	20 700	36,5	97,8	22 500	22 500	70,0
72,0	26,0	87,1	18 300	18 300	29,3	90,6	19 600	19 600	33,7	94,9	21 300	21 300	72,0
74,0	21,9	82,5	16 900	16 900	25,7	86,7	18 400	18 400	30,6	91,6	20 100	20 100	74,0
76,0	17,0	76,6	15 600	15 600	21,7	82,0	17 000	17 000	27,2	87,9	18 900	18 900	76,0
78,0					16,7	76,0	15 500	15 500	23,4	83,5	17 800	17 800	78,0
80,0					9,1	66,7	12 600	12 600	18,9	78,2	16 400	16 400	80,0
82,0									12,8	70,8	15 100	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

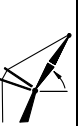
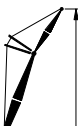
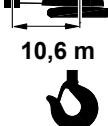
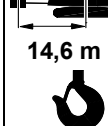
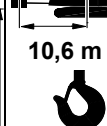
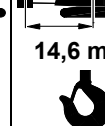
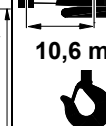
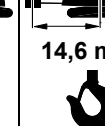
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



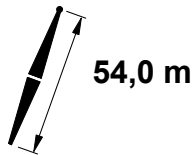
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0	62,7	118,2	36 000	44 100										50,0
52,0	60,9	117,1	34 000	43 200										52,0
54,0	59,0	115,9	32 100	42 200										54,0
56,0	57,1	114,6	30 400	40 200										56,0
58,0	55,2	113,3	28 800	37 600										58,0
60,0	53,2	111,8	27 300	35 200	57,6	113,5	24 100	36 100						60,0
62,0	51,2	110,2	26 000	33 000	55,7	112,2	22 800	34 500						62,0
64,0	49,1	108,5	24 600	31 000	53,8	110,7	21 600	33 000						64,0
66,0	46,9	106,7	23 400	29 200	51,7	109,1	20 500	31 600						66,0
68,0	44,7	104,7	22 300	27 500	49,7	107,5	19 400	30 300	52,1	107,6	15 800	27 000		68,0
70,0	42,4	102,5	21 200	25 900	47,5	105,7	18 400	29 000	50,0	105,9	14 900	25 900		70,0
72,0	39,9	100,2	20 200	24 400	45,3	103,7	17 500	27 800	47,9	104,1	14 100	24 800		72,0
74,0	37,3	97,6	19 200	23 000	43,0	101,6	16 600	26 300	45,7	102,2	13 300	23 800		74,0
76,0	34,6	94,8	18 300	21 700	40,6	99,3	15 800	24 800						76,0
78,0	31,6	91,6	17 400	20 500	38,0	96,8	15 000	23 400	43,4	100,1	12 600	22 900		78,0
80,0	28,3	88,0	16 600	19 400	35,3	94,0	14 200	22 100	41,0	97,9	11 900	22 000		80,0
82,0	24,7	83,9	15 800	18 300	32,4	91,0	13 500	20 900	38,5	95,4	11 200	21 100		82,0
84,0	20,4	78,9	15 000	17 200	29,2	87,5	12 800	19 700	35,8	92,7	10 600	20 300		84,0
86,0	15,0	72,4	14 200	15 800	25,7	83,6	12 100	18 600	32,9	89,7	9 900	19 600		86,0
88,0					21,6	78,8	11 400	17 600	29,8	86,3	9 400	18 800		88,0
90,0					16,5	72,8	10 800	16 400	26,4	82,5	8 800	18 100		90,0
92,0									22,4	77,9	8 200	17 400		92,0
94,0									17,6	72,2	7 700	16 700		94,0
96,0									10,7	63,9	7 200	15 600		96,0

MLC300 VPC-MAX S-2

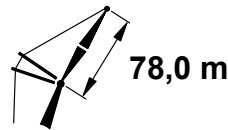
ASME B30.5



175 100 kg



54,0 m



78,0 m

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

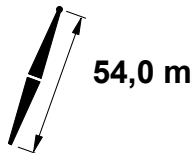
ASME B30.5



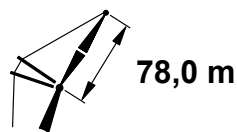
175 100 kg



360°



54,0 m



78,0 m

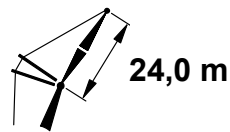
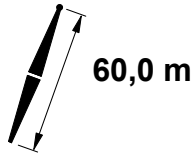
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	63,3	123,9	33 200	37 900									52,0
54,0	61,7	122,9	31 400	37 900									54,0
56,0	60,0	121,7	29 700	37 900									56,0
58,0	58,2	120,5	28 100	36 300									58,0
60,0	56,5	119,2	26 600	34 000									60,0
62,0	54,7	117,8	25 200	31 800									62,0
64,0	52,9	116,3	23 900	29 600	56,9	118,1	20 800	32 400					64,0
66,0	51,0	114,7	22 700	27 600	55,2	116,7	19 700	31 000					66,0
68,0	49,0	113,0	21 600	25 700	53,3	115,2	18 700	29 700					68,0
70,0	47,0	111,1	20 500	23 900	51,5	113,6	17 700	28 200					70,0
72,0	45,0	109,2	19 500	22 100	49,5	111,9	16 800	26 300					72,0
74,0	42,8	107,0	18 500	20 300	47,6	110,1	15 900	24 500	51,8	112,1	13 300	24 200	74,0
76,0	40,6	104,7	17 600	18 600	45,5	108,2	15 000	22 800	49,9	110,4	12 500	23 200	76,0
78,0	38,3	102,3	16 700	16 900	43,4	106,1	14 300	21 100	47,9	108,6	11 800	22 300	78,0
80,0	35,8	99,5	15 300	15 300	41,2	103,9	13 500	19 300	45,9	106,7	11 100	21 400	80,0
82,0	33,1	96,6	13 800	13 800	38,9	101,4	12 800	17 600	43,8	104,6	10 500	20 600	82,0
84,0	30,3	93,2	12 400	12 400	36,4	98,8	12 100	16 000	41,6	102,4	9 800	19 700	84,0
86,0	27,2	89,5	11 000	11 000	33,8	95,9	11 400	14 500	39,3	100,0	9 200	18 200	86,0
88,0	23,7	85,2	9 700	9 700	31,1	92,7	10 800	13 000	36,9	97,4	8 700	16 500	88,0
90,0	19,6	80,0	8 400	8 400	28,0	89,0	10 200	11 700	34,3	94,6	8 100	15 000	90,0
92,0	14,3	73,1	7 200	7 200	24,6	84,9	9 600	10 300	31,6	91,4	7 600	13 500	92,0
94,0					20,7	79,9	8 900	9 100	28,6	87,9	7 100	12 200	94,0
96,0					15,9	73,6	7 800	7 800	25,3	83,8	6 600	10 800	96,0
98,0									21,5	79,1	6 100	9 600	98,0
100,0									16,9	73,1	5 600	8 300	100,0
102,0									10,3	64,4	5 100	7 100	102,0

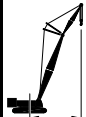
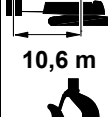
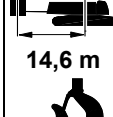
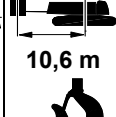
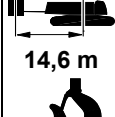
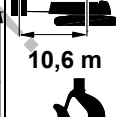
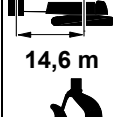
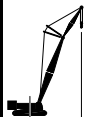
MLC300 VPC-MAX S-2

ASME B30.5



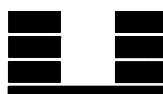
175 100 kg



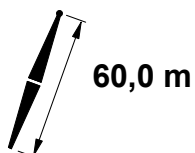
	 85°				 83°				 80°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
15,2	73,0	85,1	137 000 d	137 000 d									15,2
16,0	71,1	84,8	134 500 d	134 500 d									16,0
18,0	65,9	83,9	123 600 c	123 600 c									18,0
20,0	60,4	82,8	108 700 b	108 700 b	66,1	83,7	131 500 c	131 500 c					20,0
22,0	54,6	81,4	96 900 b	96 900 b	60,7	82,6	120 100 b	120 100 b					22,0
24,0	48,3	79,7	87 600	87 600	54,9	81,3	105 800	105 800	63,8	82,8	109 300 b	130 700 b	24,0
26,0	41,3	77,6	80 300	80 300	48,7	79,6	95 000	95 000	58,2	81,6	98 900 b	123 300 b	26,0
28,0	33,0	74,7	74 700	74 700	41,7	77,4	86 700	86 700	52,3	80,1	90 400	113 600	28,0
30,0	21,8	70,5	70 700	70 700	33,4	74,6	80 100	80 100	45,7	78,2	83 100	102 100	30,0
32,0					22,5	70,5	75 200	75 200	38,3	75,8	76 700	92 800	32,0
34,0									29,2	72,6	71 200	85 800	34,0
36,0									15,3	67,1	66 200	74 600	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-2

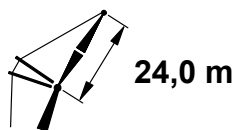
ASME B30.5



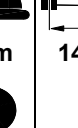
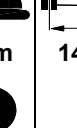
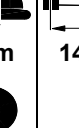
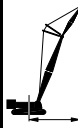
175 100 kg



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	72 300 b	92 800 b										32,0
34,0	49,5	78,1	67 100	86 300										34,0
36,0	42,7	76,1	62 600	80 600										36,0
38,0	34,6	73,4	58 500	75 400	52,7	77,4	54 900	71 900						38,0
40,0	24,3	69,5	54 800	70 900	46,3	75,5	51 600	67 600						40,0
42,0					38,9	73,2	48 500	63 700						42,0
44,0					30,0	70,0	45 700	60 200	49,1	74,3	42 500	57 300		44,0
46,0									42,2	72,2	40 200	54 200		46,0
48,0									34,1	69,4	38 000	51 500		48,0
50,0									23,4	65,5	36 000	48 900		50,0

MLC300 VPC-MAX S-2

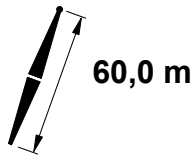
ASME B30.5



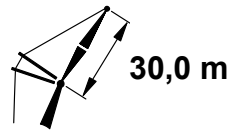
175 100 kg



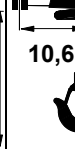
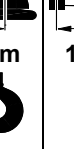
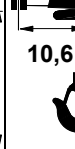
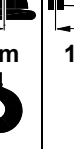
360°



60,0 m



30,0 m

	85°				83°				80°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
16,8	73,5	90,9	114 100 c	114 100 c									16,8
18,0	71,0	90,4	112 800 c	112 800 c									18,0
20,0	66,8	89,6	110 000 b	110 000 b	71,2	90,2	113 300 c	113 300 c					20,0
22,0	62,6	88,6	98 500 b	98 500 b	67,0	89,4	111 000 b	111 000 b					22,0
24,0	58,1	87,4	88 300	88 300	62,8	88,4	105 300	105 300					24,0
26,0	53,4	85,9	80 200	80 200	58,3	87,2	97 900	97 900	65,2	88,5	98 400 b	110 000 b	26,0
28,0	48,3	84,2	73 800	73 800	53,6	85,8	88 400	88 400	60,8	87,4	89 900	103 200	28,0
30,0	42,8	82,1	68 400	68 400	48,6	84,0	80 700	80 700	56,3	86,1	82 600	96 700	30,0
32,0	36,6	79,6	64 000	64 000	43,1	82,0	74 400	74 400	51,5	84,5	76 300	90 600	32,0
34,0	29,3	76,3	60 600	60 600	36,9	79,5	69 400	69 400	46,2	82,7	70 900	85 100	34,0
36,0	19,3	71,5	58 000	58 000	29,7	76,2	65 400	65 400	40,5	80,5	66 100	80 200	36,0
38,0					19,9	71,5	62 400	62 400	33,9	77,7	61 800	74 400	38,0
40,0									25,9	73,9	58 000	68 100	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-2

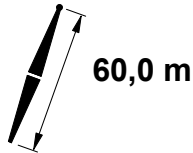
ASME B30.5



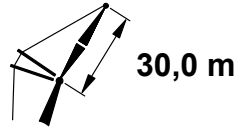
175 100 kg



360°



60,0 m



30,0 m

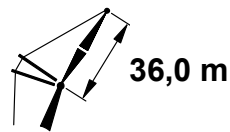
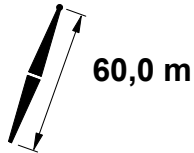
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,3	86,8	71 700	92 200									32,0
34,0	58,9	85,7	66 600	85 700									34,0
36,0	54,2	84,3	62 100	80 100									36,0
38,0	49,3	82,6	58 100	75 000									38,0
40,0	43,9	80,6	54 500	70 500	56,6	83,4	51 000	67 000					40,0
42,0	37,8	78,1	51 300	66 500	51,8	81,8	48 000	63 200					42,0
44,0	30,7	75,0	48 400	62 800	46,7	80,0	45 300	59 700					44,0
46,0	21,5	70,6	45 700	59 500	41,0	77,8	42 800	56 600	48,9	78,8	37 300	50 900	46,0
48,0					34,5	75,1	40 500	53 700	43,5	76,7	35 300	48 400	48,0
50,0					26,6	71,4	38 400	51 000	37,4	74,2	33 500	46 100	50,0
52,0									30,2	71,1	31 900	44 000	52,0
54,0									20,7	66,5	30 200	41 900	54,0
56,0													56,0

MLC300 VPC-MAX S-2

ASME B30.5



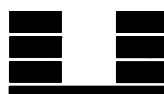
175 100 kg



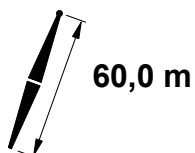
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3	73,8	96,7	109 500 b	109 500 b									18,3
20,0	70,9	96,1	105 800 b	105 800 b									20,0
22,0	67,5	95,3	99 100	99 100									22,0
24,0	63,9	94,3	88 600	88 600	67,6	95,1	105 300	105 300					24,0
26,0	60,3	93,2	80 200	80 200	64,1	94,1	100 000	100 000					26,0
28,0	56,5	91,9	73 500	73 500	60,5	93,0	90 000	90 000	66,1	94,2	88 700	105 500	28,0
30,0	52,5	90,4	67 900	67 900	56,7	91,7	81 700	81 700	62,5	93,2	81 500	100 700	30,0
32,0	48,3	88,7	63 100	63 100	52,7	90,2	74 900	74 900	58,8	92,0	75 200	95 700	32,0
34,0	43,8	86,7	59 200	59 200	48,5	88,5	69 500	69 500	55,0	90,6	69 800	89 000	34,0
36,0	38,8	84,3	55 800	55 800	44,0	86,5	64 800	64 800	50,9	89,0	65 100	81 800	36,0
38,0	33,2	81,4	53 000	53 000	39,1	84,1	60 800	60 800	46,6	87,2	60 800	74 400	38,0
40,0	26,5	77,7	50 900	50 900	33,5	81,3	57 600	57 600	41,9	85,0	57 100	68 100	40,0
42,0	17,5	72,4	46 900	46 900	26,9	77,6	54 800	54 800	36,7	82,5	53 700	62 700	42,0
44,0					18,1	72,5	50 000	50 000	30,8	79,3	50 600	57 800	44,0
46,0									23,5	75,2	47 900	53 600	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

MLC300 VPC-MAX S-2

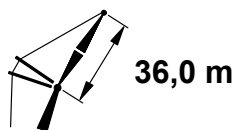
ASME B30.5



175 100 kg



60,0 m



36,0 m

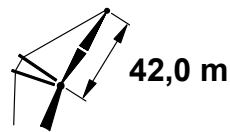
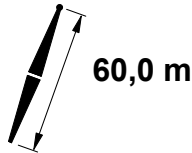
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,0	91,5	60 800	78 800									36,0
38,0	57,2	90,2	56 800	73 800									38,0
40,0	53,3	88,8	53 300	69 300									40,0
42,0	49,1	87,1	50 200	65 400									42,0
44,0	44,6	85,1	47 300	61 700	55,3	87,9	43 800	58 400					44,0
46,0	39,8	82,8	44 700	58 500	51,2	86,3	41 400	55 300					46,0
48,0	34,3	80,0	42 300	55 500	46,9	84,5	39 200	52 500					48,0
50,0	27,9	76,5	40 100	52 700	42,3	82,4	37 100	49 900					50,0
52,0	19,5	71,6	38 100	50 100	37,2	79,8	35 200	47 500	48,8	83,2	31 800	44 800	52,0
54,0					31,3	76,8	33 500	45 300	44,3	81,3	30 200	42 700	54,0
56,0					24,1	72,7	31 800	43 200	39,4	78,9	28 700	40 800	56,0
58,0									33,9	76,1	27 200	39 000	58,0
60,0									27,4	72,5	25 900	37 300	60,0
62,0									18,8	67,5	24 600	35 700	62,0

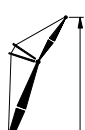
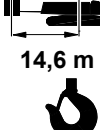
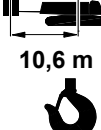
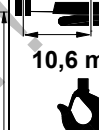
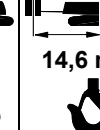
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



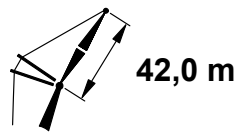
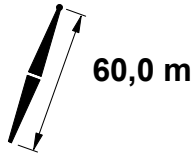
	 85°				 83°				 80°					
														
21,3	71,8	102,0	93 400	93 400										21,3
22,0	70,9	101,8	91 000	91 000										22,0
24,0	67,9	101,0	84 300	84 300										24,0
26,0	64,9	100,0	78 000	78 000	68,1	100,8	85 100	85 100						26,0
28,0	61,8	99,0	72 200	72 200	65,1	99,8	78 800	78 800						28,0
30,0	58,7	97,8	66 900	66 900	62,0	98,8	73 000	73 000	66,8	99,9	80 900	82 500		30,0
32,0	55,4	96,4	62 100	62 100	58,8	97,6	67 600	67 600	63,7	98,9	74 700	76 600		32,0
34,0	51,9	94,9	57 800	57 800	55,5	96,3	62 800	62 800	60,6	97,8	69 300	71 100		34,0
36,0	48,3	93,2	53 800	53 800	52,1	94,7	58 400	58 400	57,4	96,5	64 600	66 000		36,0
38,0	44,4	91,2	50 200	50 200	48,5	93,0	54 300	54 300	54,0	95,1	60 400	61 300		38,0
40,0	40,3	88,9	47 000	47 000	44,6	91,0	50 700	50 700	50,5	93,5	56 700	57 000		40,0
42,0	35,8	86,2	44 000	44 000	40,5	88,8	47 400	47 400	46,8	91,7	53 100	53 200		42,0
44,0	30,6	83,0	41 200	41 200	36,0	86,1	44 400	44 400	42,9	89,6	49 600	49 600		44,0
46,0	24,5	79,0	38 800	38 800	30,9	82,9	41 600	41 600	38,6	87,2	46 400	46 400		46,0
48,0	16,1	73,2	36 600	36 600	24,8	79,0	39 100	39 100	33,8	84,3	43 500	43 500		48,0
50,0					16,6	73,3	36 900	36 900	28,4	80,8	40 800	40 800		50,0
52,0									21,6	76,3	38 400	38 400		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
68,0														68,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



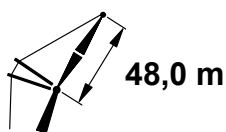
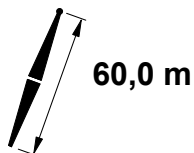
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,2	96,1	52 800	68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

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



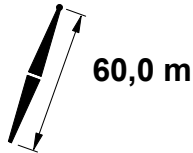
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,3	107,8	86 200	86 200									22,9
24,0	70,8	107,4	85 200	85 200									24,0
26,0	68,3	106,6	81 900	81 900	70,9	107,2	85 900	85 900					26,0
28,0	65,6	105,7	74 300	74 300	68,4	106,4	84 800	84 800					28,0
30,0	63,0	104,7	68 100	68 100	65,8	105,5	82 300	82 400					30,0
32,0	60,2	103,6	62 800	62 800	63,1	104,5	76 600	78 100	67,2	105,5	73 400	84 200	32,0
34,0	57,4	102,3	58 500	58 500	60,4	103,4	71 100	71 500	64,6	104,6	68 100	83 000	34,0
36,0	54,5	100,9	54 700	54 700	57,5	102,2	66 000	66 000	61,9	103,6	63 400	79 900	36,0
38,0	51,5	99,4	51 500	51 500	54,6	100,8	61 300	61 300	59,1	102,4	59 200	73 800	38,0
40,0	48,3	97,6	48 700	48 700	51,6	99,2	57 400	57 400	56,3	101,1	55 500	67 500	40,0
42,0	44,9	95,7	46 200	46 200	48,4	97,5	54 100	54 100	53,3	99,6	52 200	62 000	42,0
44,0	41,4	93,5	44 100	44 100	45,1	95,5	50 800	50 800	50,2	98,0	49 100	57 200	44,0
46,0	37,5	90,9	42 200	42 200	41,6	93,3	47 300	47 300	47,0	96,2	46 400	53 000	46,0
48,0	33,3	88,0	40 700	40 700	37,7	90,8	44 200	44 200	43,6	94,1	43 900	49 300	48,0
50,0	28,5	84,5	38 500	38 500	33,5	87,9	41 300	41 300	39,9	91,8	41 600	46 000	50,0
52,0	22,8	80,2	36 100	36 100	28,8	84,5	38 700	38 700	36,0	89,1	39 500	43 000	52,0
54,0	15,0	74,0	31 500	31 500	23,1	80,2	36 300	36 300	31,5	86,0	37 600	40 200	54,0
56,0					15,5	74,1	32 700	32 700	26,5	82,2	35 800	37 700	56,0
58,0									20,2	77,4	34 100	35 400	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-2

ASME B30.5



175 100 kg



60,0 m



48,0 m

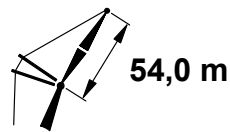
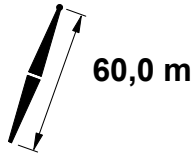
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	63,5	103,0	51 400	67 500									40,0
42,0	60,7	101,9	48 300	63 500									42,0
44,0	57,9	100,7	45 500	59 900									44,0
46,0	55,0	99,3	43 000	56 700									46,0
48,0	52,0	97,7	40 600	53 800									48,0
50,0	48,9	96,0	38 500	51 100	56,5	98,4	34 500	48 000					50,0
52,0	45,6	94,1	36 500	48 600	53,6	96,9	32 700	45 600					52,0
54,0	42,0	91,9	34 700	46 300	50,5	95,3	31 000	43 500					54,0
56,0	38,3	89,5	32 900	44 200	47,3	93,5	29 400	41 500					56,0
58,0	34,1	86,6	31 300	41 800	43,9	91,4	27 900	39 600	51,8	93,9	24 600	37 100	58,0
60,0	29,5	83,3	29 800	39 200	40,2	89,1	26 600	37 900	48,7	92,2	23 400	35 400	60,0
62,0	23,9	79,1	28 400	36 800	36,3	86,5	25 300	36 300	45,3	90,3	22 200	33 900	62,0
64,0	16,7	73,4	27 000	34 500	31,9	83,4	24 100	34 800	41,8	88,1	21 100	32 500	64,0
66,0					26,9	79,7	22 900	33 300	38,0	85,6	20 100	31 100	66,0
68,0					20,7	75,0	21 800	32 000	33,8	82,7	19 100	29 900	68,0
70,0					11,5	67,5	20 700	30 700	29,1	79,3	18 100	28 700	70,0
72,0									23,5	75,1	17 200	27 500	72,0
74,0									16,1	69,2	16 400	26 500	74,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



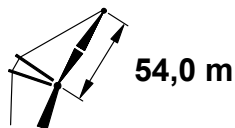
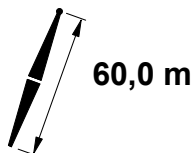
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,6	113,6	72 600	72 600									24,4
26,0	70,8	113,1	68 100	68 100									26,0
28,0	68,5	112,3	62 800	62 800	70,9	112,9	68 500	68 500					28,0
30,0	66,2	111,4	57 900	57 900	68,6	112,1	63 300	63 300					30,0
32,0	63,8	110,5	53 400	53 400	66,3	111,2	58 300	58 300					32,0
34,0	61,4	109,4	49 200	49 200	64,0	110,3	53 800	53 800	67,6	111,2	61 100	61 100	34,0
36,0	59,0	108,2	45 500	45 500	61,5	109,2	49 700	49 700	65,3	110,3	56 500	56 500	36,0
38,0	56,4	106,9	42 000	42 000	59,1	108,0	45 900	45 900	62,9	109,3	52 200	52 200	38,0
40,0	53,8	105,5	38 900	38 900	56,5	106,7	42 400	42 400	60,5	108,2	48 200	48 200	40,0
42,0	51,1	103,9	36 000	36 000	53,9	105,3	39 300	39 300	58,0	107,0	44 600	44 600	42,0
44,0	48,3	102,1	33 400	33 400	51,2	103,7	36 300	36 300	55,4	105,6	41 200	41 200	44,0
46,0	45,3	100,2	31 000	31 000	48,4	102,0	33 700	33 700	52,8	104,1	38 100	38 100	46,0
48,0	42,2	98,0	28 800	28 800	45,5	100,0	31 200	31 200	50,0	102,5	35 300	35 300	48,0
50,0	38,9	95,6	26 700	26 700	42,4	97,9	29 000	29 000	47,1	100,6	32 800	32 800	50,0
52,0	35,3	92,9	24 800	24 800	39,0	95,5	26 900	26 900	44,1	98,6	30 400	30 400	52,0
54,0	31,3	89,7	23 000	23 000	35,5	92,8	25 000	25 000	40,9	96,4	28 200	28 200	54,0
56,0	26,8	86,0	21 400	21 400	31,5	89,6	23 200	23 200	37,5	93,8	26 200	26 200	56,0
58,0	21,4	81,3	19 900	19 900	27,1	85,9	21 600	21 600	33,8	91,0	24 300	24 300	58,0
60,0	14,1	74,7	18 500	18 500	21,7	81,3	20 100	20 100	29,7	87,6	22 600	22 600	60,0
62,0					14,6	74,9	18 600	18 600	24,9	83,6	21 000	21 000	62,0
64,0									19,0	78,4	19 500	19 500	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

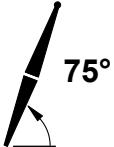
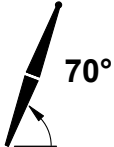
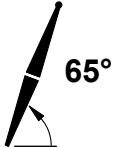
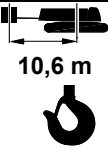
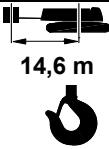
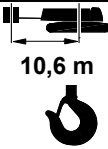
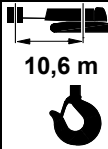
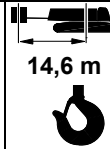
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



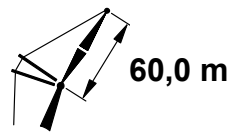
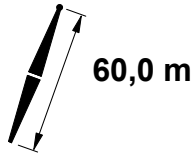
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
24,4														24,4
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0	61,9	107,7	44 800	50 400										44,0
46,0	59,4	106,5	42 300	46 700										46,0
48,0	56,9	105,2	39 900	43 200										48,0
50,0	54,3	103,8	37 800	40 000										50,0
52,0	51,6	102,2	35 800	37 100	58,2	104,2	31 900	44 700						52,0
54,0	48,8	100,5	34 000	34 400	55,6	102,9	30 200	41 500						54,0
56,0	45,9	98,6	31 900	31 900	53,0	101,4	28 600	38 600						56,0
58,0	42,8	96,5	29 600	29 600	50,2	99,8	27 200	35 800						58,0
60,0	39,5	94,1	27 500	27 500	47,4	98,0	25 800	33 300						60,0
62,0	36,0	91,4	25 600	25 600	44,4	95,9	24 600	30 900	51,4	98,4	21 400	33 300		62,0
64,0	32,1	88,4	23 800	23 800	41,2	93,7	23 400	28 700	48,6	96,7	20 300	31 900		64,0
66,0	27,7	84,8	22 100	22 100	37,8	91,2	22 300	26 700	45,7	94,8	19 300	30 600		66,0
68,0	22,5	80,3	20 500	20 500	34,1	88,4	21 200	24 800	42,6	92,6	18 300	29 300		68,0
70,0	15,7	74,2	19 100	19 100	30,0	85,0	20 200	23 000	39,3	90,2	17 400	27 600		70,0
72,0					25,3	81,1	19 200	21 400	35,7	87,6	16 600	25 700		72,0
74,0					19,5	76,0	18 300	19 900	31,8	84,5	15 700	23 900		74,0
76,0					10,8	68,1	17 400	18 600	27,4	80,8	15 000	22 200		76,0
78,0									22,1	76,3	14 200	20 700		78,0
80,0									15,2	70,0	13 400	19 300		80,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	72,9	119,4	65 300	65 300									25,9
26,0	72,8	119,4	65 300	65 300									26,0
28,0	70,8	118,7	65 300	65 300									28,0
30,0	68,7	118,0	65 200	65 200	70,9	118,5	64 600	64 600					30,0
32,0	66,6	117,1	63 900	63 900	68,8	117,8	64 600	64 600					32,0
34,0	64,5	116,2	59 100	59 100	66,7	116,9	64 600	64 600					34,0
36,0	62,4	115,1	55 000	55 000	64,6	116,0	63 700	64 600	67,9	116,9	61 200	62 700	36,0
38,0	60,2	114,0	51 400	51 400	62,5	115,0	60 100	62 800	65,8	116,0	57 400	62 700	38,0
40,0	57,9	112,8	48 400	48 400	60,3	113,8	56 300	57 900	63,7	115,0	53 700	62 700	40,0
42,0	55,6	111,4	45 700	45 700	58,0	112,6	52 900	53 400	61,5	114,0	50 400	60 600	42,0
44,0	53,3	110,0	43 300	43 300	55,7	111,2	49 400	49 400	59,3	112,8	47 400	55 900	44,0
46,0	50,8	108,3	41 200	41 200	53,4	109,8	45 900	45 900	57,1	111,5	44 700	51 600	46,0
48,0	48,3	106,6	39 300	39 300	50,9	108,2	42 800	42 800	54,7	110,1	42 200	47 900	48,0
50,0	45,6	104,7	37 200	37 200	48,4	106,4	39 900	39 900	52,3	108,6	40 000	44 500	50,0
52,0	42,8	102,6	34 800	34 800	45,8	104,5	37 300	37 300	49,8	106,9	37 900	41 500	52,0
54,0	39,9	100,2	32 700	32 700	43,0	102,4	35 000	35 000	47,3	105,1	36 000	38 800	54,0
56,0	36,8	97,6	30 700	30 700	40,1	100,1	32 800	32 800	44,6	103,1	34 200	36 300	56,0
58,0	33,4	94,7	28 900	28 900	36,9	97,5	30 900	30 900	41,7	100,9	32 600	34 100	58,0
60,0	29,6	91,3	27 200	27 200	33,6	94,6	29 000	29 000	38,7	98,5	31 000	32 000	60,0
62,0	25,4	87,3	25 600	25 600	29,8	91,2	27 300	27 300	35,5	95,8	29 500	30 100	62,0
64,0	20,3	82,4	24 100	24 100	25,6	87,3	25 700	25 700	32,0	92,7	28 100	28 300	64,0
66,0	13,4	75,4	20 600	20 600	20,6	82,4	24 200	24 200	28,1	89,1	26 700	26 700	66,0
68,0					13,8	75,6	21 600	21 600	23,5	84,8	25 100	25 100	68,0
70,0									17,9	79,3	23 700	23 700	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-2

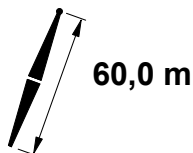
ASME B30.5



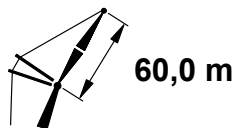
175 100 kg



360°



60,0 m



60,0 m

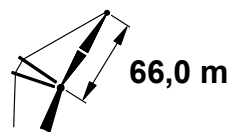
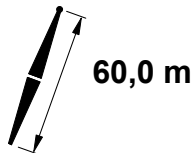
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,8	113,4	40 300	54 700									46,0
48,0	60,6	112,3	38 000	51 800									48,0
50,0	58,3	111,1	35 900	49 200									50,0
52,0	56,1	109,7	33 900	46 700									52,0
54,0	53,7	108,3	32 100	44 500									54,0
56,0	51,3	106,7	30 400	42 400	57,2	108,8	26 700	39 500					56,0
58,0	48,7	105,0	28 900	40 400	54,9	107,4	25 200	37 600					58,0
60,0	46,1	103,1	27 400	37 800	52,5	105,9	23 900	35 900					60,0
62,0	43,4	101,0	26 100	35 400	50,0	104,2	22 700	34 400					62,0
64,0	40,5	98,7	24 800	33 200	47,5	102,4	21 500	32 900	53,5	104,4	18 300	30 400	64,0
66,0	37,4	96,2	23 600	31 300	44,8	100,5	20 400	31 500	51,1	102,9	17 300	29 100	66,0
68,0	34,0	93,3	22 400	29 400	42,0	98,3	19 400	30 200	48,6	101,2	16 400	27 900	68,0
70,0	30,4	90,0	21 300	27 700	39,0	95,9	18 400	29 000	45,9	99,3	15 500	26 700	70,0
72,0	26,2	86,2	20 300	26 100	35,8	93,2	17 500	27 800	43,2	97,2	14 700	25 600	72,0
74,0	21,3	81,4	19 300	24 600	32,3	90,1	16 600	26 700	40,3	94,9	13 900	24 600	74,0
76,0	14,9	75,0	18 400	23 100	28,4	86,6	15 700	25 700	37,1	92,3	13 100	23 600	76,0
78,0					23,9	82,3	14 900	24 700	33,8	89,4	12 400	22 700	78,0
80,0					18,4	77,0	14 100	23 700	30,1	86,1	11 700	21 800	80,0
82,0					10,3	68,6	13 300	22 500	25,9	82,2	11 000	21 000	82,0
84,0									20,9	77,4	10 400	20 200	84,0
86,0									14,4	70,8	9 700	19 400	86,0

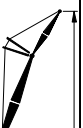
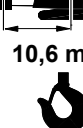
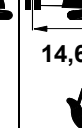
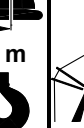
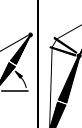
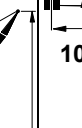
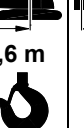
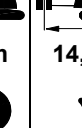
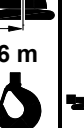
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



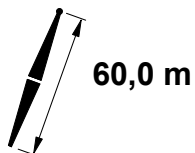
	85°					83°					80°					
	 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	
27,4	73,1	125,2	56 200	56 200												27,4
28,0	72,6	125,1	56 200	56 200												28,0
30,0	70,7	124,4	56 100	56 100												30,0
32,0	68,9	123,6	56 000	56 000	70,8	124,2	55 500	55 500								32,0
34,0	67,0	122,8	55 800	55 800	69,0	123,4	55 500	55 500								34,0
36,0	65,1	121,9	54 800	54 800	67,1	122,6	55 500	55 500								36,0
38,0	63,1	120,8	51 700	51 700	65,2	121,7	55 500	55 500								38,0
40,0	61,2	119,8	48 500	48 500	63,2	120,7	55 000	55 200	66,3	121,7	53 000	53 700				40,0
42,0	59,1	118,6	45 700	45 700	61,3	119,6	52 200	52 400	64,3	120,7	49 700	53 700				42,0
44,0	57,1	117,3	43 200	43 200	59,2	118,4	48 600	48 600	62,4	119,7	46 700	53 700				44,0
46,0	55,0	115,9	41 000	41 000	57,2	117,1	45 200	45 200	60,4	118,6	44 000	50 800				46,0
48,0	52,8	114,4	38 900	38 900	55,1	115,7	42 100	42 100	58,3	117,3	41 600	47 200				48,0
50,0	50,6	112,8	36 600	36 600	52,9	114,2	39 300	39 300	56,3	116,0	39 300	43 900				50,0
52,0	48,2	111,0	34 300	34 300	50,7	112,6	36 800	36 800	54,1	114,6	37 200	40 900				52,0
54,0	45,8	109,1	32 200	32 200	48,4	110,9	34 400	34 400	51,9	113,1	35 200	38 200				54,0
56,0	43,3	107,0	30 200	30 200	46,0	109,0	32 300	32 300	49,7	111,4	33 400	35 800				56,0
58,0	40,7	104,8	28 400	28 400	43,5	106,9	30 400	30 400	47,3	109,6	31 700	33 500				58,0
60,0	37,9	102,2	26 800	26 800	40,8	104,6	28 600	28 600	44,9	107,6	30 100	31 500				60,0
62,0	34,9	99,5	25 200	25 200	38,1	102,1	26 900	26 900	42,3	105,4	28 700	29 600				62,0
64,0	31,7	96,3	23 800	23 800	35,1	99,4	25 300	25 300	39,6	103,1	27 300	27 900				64,0
66,0	28,2	92,7	22 400	22 400	31,9	96,2	23 900	23 900	36,8	100,5	26 000	26 200				66,0
68,0	24,1	88,5	21 000	21 000	28,3	92,7	22 500	22 500	33,7	97,5	24 700	24 700				68,0
70,0	19,2	83,3	19 500	19 500	24,3	88,5	21 200	21 200	30,4	94,3	23 300	23 300				70,0
72,0	12,6	75,9	16 600	16 600	19,5	83,4	19 700	19 700	26,7	90,5	22 000	22 000				72,0
74,0					13,0	76,1	17 400	17 400	22,3	85,9	20 700	20 700				74,0
76,0										17,0	80,1	19 300	19 300			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-2

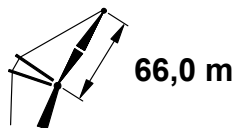
ASME B30.5



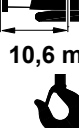
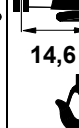
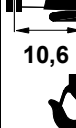
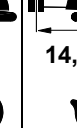
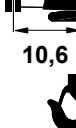
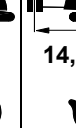
175 100 kg



60,0 m



66,0 m

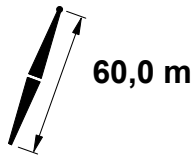
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
27,4														27,4
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0	61,5	118,0	34 900	48 400										50,0
52,0	59,5	116,9	32 900	46 000										52,0
54,0	57,5	115,6	31 100	43 700										54,0
56,0	55,4	114,2	29 500	41 700										56,0
58,0	53,2	112,8	27 900	39 700	58,5	114,6	24 200	36 800						58,0
60,0	51,0	111,2	26 500	37 200	56,4	113,3	22 900	35 200						60,0
62,0	48,7	109,4	25 100	34 900	54,3	111,9	21 600	33 600						62,0
64,0	46,3	107,5	23 800	32 700	52,1	110,3	20 500	32 100						64,0
66,0	43,8	105,5	22 600	30 700	49,8	108,7	19 400	30 800						66,0
68,0	41,2	103,2	21 500	28 900	47,5	106,9	18 400	29 500						68,0
70,0	38,4	100,8	20 500	27 200	45,1	104,9	17 400	28 200	50,8	107,3	14 400	25 900		70,0
72,0	35,5	98,0	19 500	25 700	42,5	102,8	16 500	27 100	48,5	105,6	13 600	24 900		72,0
74,0	32,3	95,0	18 500	24 200	39,9	100,4	15 600	26 000	46,1	103,7	12 800	23 900		74,0
76,0	28,8	91,5	17 600	22 800	37,0	97,8	14 800	25 000	43,6	101,6	12 100	22 900		76,0
78,0	24,9	87,4	16 700	21 500	34,0	94,9	14 000	24 000	41,0	99,4	11 400	22 000		78,0
80,0	20,2	82,4	15 900	20 300	30,7	91,7	13 300	23 100	38,2	96,9	10 700	21 100		80,0
82,0	14,1	75,6	15 100	19 000	27,0	87,9	12 600	22 200	35,3	94,2	10 100	20 300		82,0
84,0					22,7	83,5	11 900	21 000	32,1	91,1	9 400	19 500		84,0
86,0					17,5	77,8	11 200	19 800	28,6	87,5	8 900	18 700		86,0
88,0					9,6	68,9	10 500	18 600	24,6	83,4	8 300	18 000		88,0
90,0									19,9	78,3	7 700	17 300		90,0
92,0									13,5	71,3	7 200	16 600		92,0

MLC300 VPC-MAX S-2

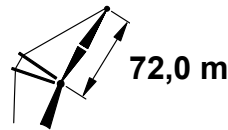
ASME B30.5



175 100 kg



60,0 m



72,0 m

	85°					83°					80°					
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m	°	
29,0	73,3	131,1	48 300	48 300												29,0
30,0	72,4	130,7	48 200	48 200												30,0
32,0	70,7	130,0	48 100	48 100												32,0
34,0	69,0	129,3	47 700	47 700	70,8	129,8	47 500	47 500								34,0
36,0	67,3	128,4	46 500	46 500	69,1	129,1	47 500	47 500								36,0
38,0	65,5	127,5	45 300	45 300	67,4	128,2	46 800	46 800								38,0
40,0	63,8	126,6	44 100	44 100	65,6	127,4	45 600	45 600	68,3	128,2	45 700	45 700				40,0
42,0	62,0	125,5	43 000	43 000	63,9	126,4	44 400	44 400	66,6	127,4	45 700	45 700				42,0
44,0	60,1	124,4	42 000	42 000	62,1	125,3	43 300	43 300	64,9	126,4	45 200	45 200				44,0
46,0	58,3	123,2	40 900	40 900	60,2	124,2	42 300	42 300	63,1	125,4	43 700	44 100				46,0
48,0	56,4	121,8	38 900	38 900	58,4	123,0	41 300	41 300	61,3	124,3	41 200	43 100				48,0
50,0	54,4	120,4	36 600	36 600	56,5	121,7	39 300	39 300	59,4	123,2	38 900	42 200				50,0
52,0	52,4	118,9	34 300	34 300	54,5	120,3	36 800	36 800	57,5	121,9	36 800	40 900				52,0
54,0	50,4	117,3	32 200	32 200	52,5	118,7	34 400	34 400	55,6	120,6	34 900	38 300				54,0
56,0	48,2	115,5	30 200	30 200	50,5	117,1	32 300	32 300	53,7	119,1	33 100	35 800				56,0
58,0	46,0	113,6	28 400	28 400	48,3	115,3	30 300	30 300	51,6	117,5	31 400	33 500				58,0
60,0	43,8	111,5	26 800	26 800	46,2	113,5	28 500	28 500	49,6	115,9	29 800	31 500				60,0
62,0	41,4	109,3	25 200	25 200	43,9	111,4	26 900	26 900	47,4	114,0	28 300	29 600				62,0
64,0	38,9	106,9	23 800	23 800	41,5	109,2	25 300	25 300	45,2	112,1	27 000	27 800				64,0
66,0	36,2	104,2	22 400	22 400	39,0	106,8	23 900	23 900	42,9	110,0	25 700	26 200				66,0
68,0	33,4	101,3	21 100	21 100	36,4	104,1	22 500	22 500	40,4	107,7	24 400	24 700				68,0
70,0	30,3	98,0	19 600	19 600	33,5	101,2	21 200	21 200	37,9	105,1	23 300	23 300				70,0
72,0	26,9	94,2	18 200	18 200	30,5	97,9	19 900	19 900	35,1	102,4	22 000	22 000				72,0
74,0	23,0	89,8	16 800	16 800	27,1	94,1	18 400	18 400	32,2	99,3	20 700	20 700				74,0
76,0	18,4	84,3	15 500	15 500	23,2	89,7	17 100	17 100	29,0	95,8	19 500	19 500				76,0
78,0	12,1	76,6	13 800	13 800	18,6	84,3	15 700	15 700	25,5	91,8	18 000	18 000				78,0
80,0					12,4	76,8	14 200	14 200	21,4	87,0	16 700	16 700				80,0
82,0									16,2	80,9	15 400	15 400				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-2

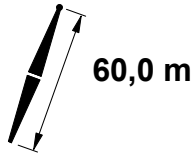
ASME B30.5



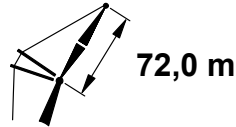
175 100 kg



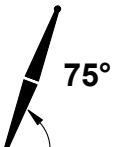
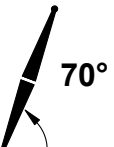
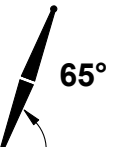
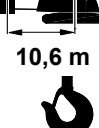
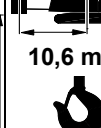
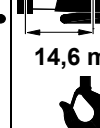
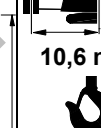
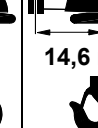
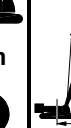
360°



60,0 m



72,0 m

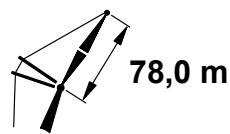
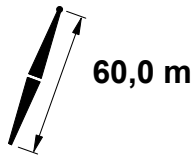
	 75°				 70°				 65°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	62,3	123,8	32 500	42 000										52,0
54,0	60,5	122,7	30 700	42 000										54,0
56,0	58,6	121,4	29 000	41 200										56,0
58,0	56,7	120,1	27 500	39 400										58,0
60,0	54,8	118,7	26 100	37 200										60,0
62,0	52,8	117,2	24 700	34 800	57,7	119,2	21 200	33 300						62,0
64,0	50,7	115,6	23 400	32 700	55,8	117,8	20 000	31 800						64,0
66,0	48,6	113,9	22 300	30 700	53,8	116,4	18 900	30 400						66,0
68,0	46,5	112,0	21 200	28 900	51,8	114,8	17 900	29 100						68,0
70,0	44,2	110,0	20 100	27 200	49,7	113,2	17 000	27 900						70,0
72,0	41,8	107,8	19 100	25 600	47,6	111,4	16 100	26 800	52,7	113,4	13 100	24 500		72,0
74,0	39,3	105,4	18 200	24 200	45,3	109,4	15 200	25 700	50,6	111,8	12 300	23 500		74,0
76,0	36,7	102,8	17 300	22 800	43,0	107,3	14 400	24 700	48,5	110,1	11 600	22 600		76,0
78,0	33,9	99,9	16 400	21 500	40,6	105,0	13 600	23 700	46,3	108,2	10 900	21 700		78,0
80,0	30,9	96,7	15 600	20 300	38,1	102,5	12 900	22 800	44,0	106,1	10 300	20 800		80,0
82,0	27,6	93,0	14 800	19 200	35,4	99,8	12 200	21 900	41,7	103,9	9 600	20 000		82,0
84,0	23,8	88,7	14 100	17 800	32,5	96,7	11 500	21 000	39,2	101,5	9 000	19 200		84,0
86,0	19,3	83,4	13 400	16 400	29,3	93,3	10 900	19 800	36,5	98,9	8 500	18 500		86,0
88,0	13,4	76,3	12 700	15 100	25,8	89,3	10 300	18 700	33,7	96,0	7 900	17 700		88,0
90,0					21,7	84,6	9 700	17 400	30,7	92,7	7 400	17 100		90,0
92,0					16,7	78,6	9 100	16 100	27,3	89,0	6 900	16 400		92,0
94,0					9,2	69,4	8 500	14 800	23,5	84,7	6 400	15 800		94,0
96,0									19,0	79,3	5 900	15 200		96,0
98,0									12,9	72,0	5 400	14 600		98,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



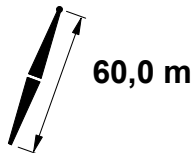
85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,4	136,9	41 200	41 200									30,5
32,0	72,3	136,4	41 000	41 000									32,0
34,0	70,7	135,7	40 800	40 800									34,0
36,0	69,1	134,9	40 600	40 600	70,8	135,5	40 300	40 300					36,0
38,0	67,5	134,1	40 400	40 400	69,2	134,7	40 200	40 200					38,0
40,0	65,9	133,2	40 100	40 100	67,6	133,9	40 000	40 000					40,0
42,0	64,3	132,3	39 800	39 800	66,0	133,0	39 900	39 900					42,0
44,0	62,7	131,3	39 200	39 200	64,4	132,1	39 700	39 700	66,9	133,0	38 600	38 600	44,0
46,0	61,0	130,2	38 400	38 400	62,7	131,1	39 400	39 400	65,3	132,1	38 600	38 600	46,0
48,0	59,3	129,0	36 700	36 700	61,1	130,0	38 700	38 700	63,7	131,2	38 600	38 600	48,0
50,0	57,5	127,7	34 300	34 300	59,4	128,8	37 100	37 100	62,0	130,1	38 000	38 500	50,0
52,0	55,8	126,4	32 100	32 100	57,6	127,5	34 800	34 800	60,3	129,0	36 100	38 300	52,0
54,0	54,0	124,9	29 900	29 900	55,9	126,2	32 500	32 500	58,6	127,8	34 200	36 400	54,0
56,0	52,1	123,4	27 900	27 900	54,0	124,8	30 300	30 300	56,9	126,5	32 400	34 000	56,0
58,0	50,2	121,7	26 000	26 000	52,2	123,2	28 200	28 200	55,1	125,1	30 700	31 800	58,0
60,0	48,2	120,0	24 100	24 100	50,3	121,6	26 300	26 300	53,2	123,6	29 100	29 700	60,0
62,0	46,2	118,1	22 200	22 200	48,3	119,8	24 500	24 500	51,4	122,0	27 600	27 700	62,0
64,0	44,1	116,1	20 400	20 400	46,3	117,9	22 600	22 600	49,4	120,3	25 700	25 700	64,0
66,0	41,9	113,9	18 700	18 700	44,2	115,9	20 700	20 700	47,5	118,5	23 900	23 900	66,0
68,0	39,7	111,5	17 000	17 000	42,1	113,7	19 000	19 000	45,4	116,6	22 100	22 100	68,0
70,0	37,3	108,9	15 400	15 400	39,8	111,4	17 300	17 300	43,3	114,5	20 300	20 300	70,0
72,0	34,7	106,1	13 900	13 900	37,4	108,8	15 700	15 700	41,1	112,2	18 500	18 500	72,0
74,0	32,0	103,0	12 500	12 500	34,9	106,0	14 200	14 200	38,8	109,8	16 900	16 900	74,0
76,0	29,1	99,5	11 200	11 200	32,2	102,9	12 800	12 800	36,3	107,1	15 300	15 300	76,0
78,0	25,8	95,6	9 900	9 900	29,2	99,5	11 400	11 400	33,7	104,2	13 800	13 800	78,0
80,0	22,1	90,9	8 500	8 500	26,0	95,5	10 100	10 100	30,9	101,0	12 400	12 400	80,0
82,0	17,7	85,2	7 200	7 200	22,3	90,9	8 800	8 800	27,9	97,3	11 000	11 000	82,0
84,0	11,6	77,2	6 000	6 000	17,9	85,3	7 500	7 500	24,4	93,1	9 700	9 700	84,0
86,0					11,9	77,4	6 200	6 200	20,5	88,1	8 400	8 400	86,0
88,0									15,6	81,7	7 100	7 100	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-2

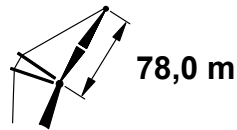
ASME B30.5



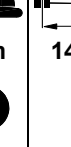
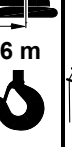
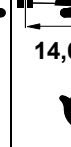
175 100 kg



60,0 m



78,0 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	
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	29 900	35 400										54,0
56,0	61,3	128,4	28 300	35 400										56,0
58,0	59,6	127,3	26 700	35 400										58,0
60,0	57,9	126,0	25 300	35 000										60,0
62,0	56,1	124,7	24 000	33 300										62,0
64,0	54,3	123,3	22 700	31 100	58,7	125,0	19 200	31 200						64,0
66,0	52,4	121,7	21 500	29 100	57,0	123,7	18 100	29 800						66,0
68,0	50,6	120,1	20 400	27 100	55,2	122,4	17 100	28 600						68,0
70,0	48,6	118,4	19 400	25 300	53,4	120,9	16 200	27 400						70,0
72,0	46,6	116,5	18 400	23 500	51,5	119,3	15 300	26 200						72,0
74,0	44,5	114,5	17 500	21 700	49,6	117,6	14 500	25 200						74,0
76,0	42,3	112,3	16 600	19 900	47,6	115,8	13 700	24 200	52,3	117,9	10 800	22 000		76,0
78,0	40,1	110,0	15 800	18 200	45,6	113,9	12 900	22 800	50,4	116,3	10 100	21 100		78,0
80,0	37,7	107,5	15 000	16 600	43,5	111,8	12 200	21 100	48,5	114,5	9 500	20 200		80,0
82,0	35,2	104,7	14 200	15 000	41,3	109,6	11 500	19 400	46,5	112,7	8 900	19 400		82,0
84,0	32,5	101,6	13 400	13 500	38,9	107,1	10 800	17 700	44,4	110,7	8 300	18 600		84,0
86,0	29,6	98,2	12 100	12 100	36,5	104,5	10 200	16 100	42,2	108,5	7 700	17 900		86,0
88,0	26,4	94,4	10 800	10 800	33,9	101,6	9 600	14 500	39,9	106,1	7 200	17 200		88,0
90,0	22,8	89,9	9 500	9 500	31,1	98,4	9 000	13 100	37,6	103,6	6 700	16 500		90,0
92,0	18,5	84,4	8 200	8 200	28,1	94,8	8 500	11 700	35,0	100,8	6 200	15 400		92,0
94,0	12,9	77,0	6 900	6 900	24,7	90,6	7 900	10 400	32,3	97,7	5 700	14 000		94,0
96,0					20,8	85,7	7 400	9 100	29,4	94,3	5 200	12 500		96,0
98,0					16,0	79,5	6 900	7 900	26,2	90,4	4 800	11 200		98,0
100,0					8,8	69,9	6 400	6 600	22,6	85,9		10 000		100,0
102,0									18,2	80,3		8 700		102,0
104,0									12,4	72,7		7 500		104,0

MLC300 VPC-MAX S-2

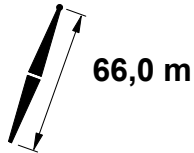
ASME B30.5



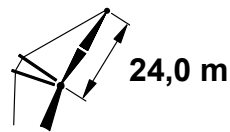
175 100 kg



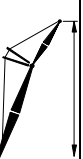
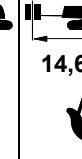
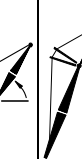
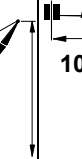
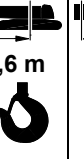
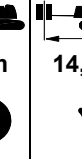
360°



66,0 m

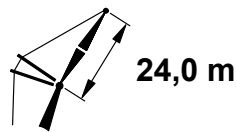
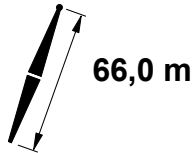


24,0 m

	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
16,8	70,5	90,7	121 400 d	121 400 d									16,8
18,0	67,3	90,1	115 500 c	115 500 c									18,0
20,0	61,9	89,1	102 600 c	102 600 c	68,1	90,0	123 300 c	123 300 c					20,0
22,0	56,2	87,8	91 900 b	91 900 b	62,7	89,0	113 800 c	113 800 c					22,0
24,0	50,0	86,2	83 400	83 400	57,1	87,7	100 900 b	100 900 b					24,0
26,0	43,2	84,1	76 600	76 600	51,0	86,2	90 900	90 900	61,2	88,1	97 600 b	114 700 b	26,0
28,0	35,3	81,5	71 400	71 400	44,3	84,2	83 200	83 200	55,4	86,8	89 200 b	107 700 b	28,0
30,0	25,2	77,8	67 400	67 400	36,6	81,7	77 000	77 000	49,2	85,1	82 000	98 600	30,0
32,0					27,0	78,2	72 100	72 100	42,3	83,0	75 700	89 800	32,0
34,0									34,2	80,3	70 300	83 000	34,0
36,0									23,6	76,3	65 500	77 800	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-2

ASME B30.5



	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	70 600 b	91 100 b									32,0
34,0	54,4	85,2	65 600 b	84 800 b									34,0
36,0	48,0	83,5	61 200	79 200									36,0
38,0	41,0	81,3	57 200	74 100									38,0
40,0	32,6	78,4	53 700	69 700	52,9	83,0	49 800	65 900					40,0
42,0	21,2	74,1	50 400	65 600	46,4	81,2	46 900	62 100					42,0
44,0					39,1	78,9	44 200	58 700					44,0
46,0					30,2	75,7	41 800	55 500	50,8	80,2	37 800	52 400	46,0
48,0					17,2	70,7	39 400	52 600	44,1	78,2	35 700	49 700	48,0
50,0									36,3	75,7	33 800	47 300	50,0
52,0									26,6	72,1	32 000	45 000	52,0

MLC300 VPC-MAX S-2

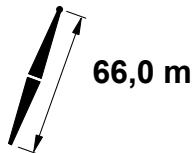
ASME B30.5



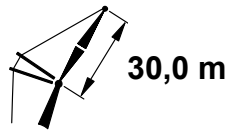
175 100 kg



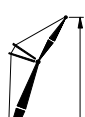
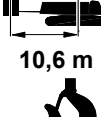
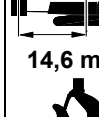
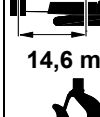
360°



66,0 m

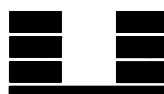


30,0 m

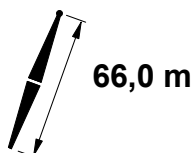
	 85°				 83°				 80°						
															
18,3	71,5	96,5	108 600 c	108 600 c											18,3
20,0	67,9	95,8	103 600 b	103 600 b											20,0
22,0	63,7	94,8	92 200 b	92 200 b	68,6	95,7	109 200 c	109 200 c							22,0
24,0	59,3	93,7	83 200	83 200	64,3	94,7	102 900 b	102 900 b							24,0
26,0	54,6	92,3	75 900	75 900	60,0	93,6	92 400	92 400	67,4	94,9	97 100 b	108 600 b			26,0
28,0	49,7	90,6	70 000	70 000	55,3	92,2	83 900	83 900	63,1	93,9	88 700 b	103 500 b			28,0
30,0	44,3	88,7	65 100	65 100	50,4	90,6	76 900	76 900	58,7	92,7	81 500	98 000			30,0
32,0	38,3	86,2	61 100	61 100	45,2	88,7	71 100	71 100	54,0	91,3	75 300	92 500			32,0
34,0	31,3	83,2	57 900	57 900	39,3	86,4	66 400	66 400	49,0	89,6	69 900	84 700			34,0
36,0	22,4	78,9	55 700	55 700	32,5	83,4	62 600	62 600	43,6	87,6	65 200	78 100			36,0
38,0					23,9	79,4	59 700	59 700	37,5	85,1	61 000	72 700			38,0
40,0									30,3	81,9	57 200	68 400			40,0
42,0									20,9	77,4	53 800	64 700			42,0
44,0															44,0
46,0															46,0
48,0															48,0
50,0															50,0
52,0															52,0
54,0															54,0
56,0															56,0
58,0															58,0

MLC300 VPC-MAX S-2

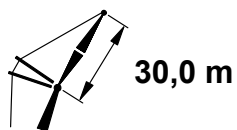
ASME B30.5



175 100 kg



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	65 000 b	84 200 b									34,0
36,0	57,9	91,1	60 600	78 600									36,0
38,0	53,1	89,7	56 700	73 600									38,0
40,0	48,1	87,9	53 200	69 200									40,0
42,0	42,5	85,8	50 100	65 300	56,7	89,0	46 100	61 500					42,0
44,0	36,3	83,3	47 300	61 700	51,9	87,5	43 500	58 100					44,0
46,0	28,9	79,9	44 700	58 400	46,8	85,7	41 100	55 100					46,0
48,0	18,7	75,0	42 300	55 400	41,1	83,5	38 900	52 300	50,3	84,7	33 000	46 700	48,0
50,0					34,6	80,7	36 900	49 700	45,0	82,7	31 300	44 500	50,0
52,0					26,8	77,1	35 000	47 300	39,1	80,4	29 800	42 400	52,0
54,0									32,2	77,4	28 300	40 500	54,0
56,0									23,6	73,4	26 900	38 700	56,0
58,0													58,0

MLC300 VPC-MAX S-2

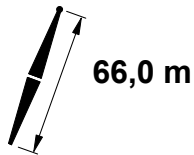
ASME B30.5



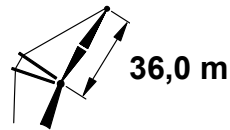
175 100 kg



360°



66,0 m

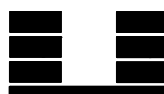


36,0 m

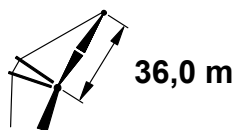
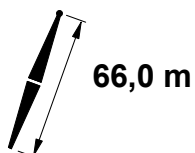
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	72,1	102,3	98 100 b	98 100 b									19,8
20,0	71,8	102,2	97 700 b	97 700 b									20,0
22,0	68,4	101,5	92 100 b	92 100 b									22,0
24,0	64,9	100,5	83 100	83 100	68,9	101,3	98 900	98 900					24,0
26,0	61,3	99,5	75 500	75 500	65,4	100,4	94 300	94 300					26,0
28,0	57,5	98,2	69 300	69 300	61,8	99,4	84 900	84 900	67,9	100,5	87 500	98 200	28,0
30,0	53,6	96,8	64 200	64 200	58,1	98,2	77 300	77 300	64,4	99,6	80 300	93 800	30,0
32,0	49,4	95,1	59 800	59 800	54,2	96,7	71 100	71 100	60,8	98,5	74 100	89 200	32,0
34,0	45,0	93,2	56 200	56 200	50,1	95,1	66 000	66 000	57,0	97,2	68 800	84 700	34,0
36,0	40,2	90,9	53 100	53 100	45,7	93,2	61 700	61 700	53,1	95,8	64 100	79 500	36,0
38,0	34,8	88,1	50 500	50 500	40,9	91,0	58 000	58 000	48,9	94,1	60 000	73 600	38,0
40,0	28,4	84,7	48 500	48 500	35,6	88,3	55 000	55 000	44,4	92,1	56 300	68 600	40,0
42,0	20,3	80,0	47 200	47 200	29,5	85,0	52 600	52 600	39,5	89,7	52 900	64 400	42,0
44,0					21,7	80,6	50 800	50 800	34,0	86,9	49 900	60 300	44,0
46,0									27,5	83,4	47 200	55 800	46,0
48,0									19,0	78,4	44 600	51 700	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



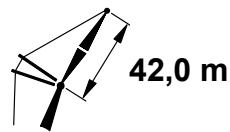
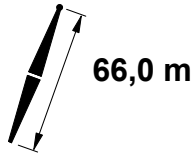
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	60,1	97,0	55 400	72 400									40,0
42,0	56,3	95,7	52 000	68 000									42,0
44,0	52,3	94,2	48 900	64 100									44,0
46,0	48,1	92,4	46 100	60 500									46,0
48,0	43,6	90,4	43 600	57 300	55,4	93,5	39 300	53 700					48,0
50,0	38,6	88,0	41 300	54 400	51,3	92,0	37 200	51 000					50,0
52,0	32,9	85,1	39 100	51 700	47,0	90,2	35 200	48 500					52,0
54,0	26,2	81,3	37 100	49 200	42,4	88,0	33 400	46 100					54,0
56,0	17,0	75,9	35 300	46 900	37,3	85,5	31 700	44 000	49,9	89,1	28 000	41 100	56,0
58,0					31,4	82,4	30 100	42 000	45,5	87,2	26 500	39 200	58,0
60,0					24,3	78,4	28 600	40 100	40,8	85,0	25 200	37 500	60,0
62,0									35,4	82,3	24 000	35 800	62,0
64,0									29,2	79,0	22 800	34 300	64,0
									21,4	74,5	21 700	32 900	64,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



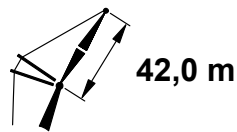
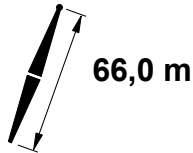
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	72,6	108,1	86 900 b	86 900 b									21,3
22,0	71,6	107,9	86 600 b	86 600 b									22,0
24,0	68,7	107,1	83 300	83 300									24,0
26,0	65,7	106,2	76 000	76 000	69,1	107,0	85 700	85 700					26,0
28,0	62,6	105,2	69 600	69 600	66,2	106,1	79 800	79 800					28,0
30,0	59,5	104,1	64 200	64 200	63,1	105,1	74 200	74 200					30,0
32,0	56,2	102,8	59 500	59 500	60,0	104,0	68 900	68 900	65,3	105,3	73 600	78 500	32,0
34,0	52,8	101,3	55 700	55 700	56,7	102,7	64 100	64 100	62,2	104,3	68 300	73 100	34,0
36,0	49,3	99,6	52 300	52 300	53,4	101,2	59 700	59 700	59,1	103,1	63 600	68 100	36,0
38,0	45,5	97,7	49 500	49 500	49,8	99,6	55 600	55 600	55,8	101,8	59 500	63 300	38,0
40,0	41,4	95,5	47 000	47 000	46,1	97,7	51 900	51 900	52,4	100,2	55 800	59 000	40,0
42,0	37,0	92,9	44 600	44 600	42,1	95,6	48 500	48 500	48,8	98,5	52 500	55 000	42,0
44,0	32,0	89,9	41 900	41 900	37,7	93,1	45 400	45 400	45,0	96,6	49 500	51 400	44,0
46,0	26,2	86,1	39 400	39 400	32,8	90,1	42 600	42 600	40,9	94,3	46 800	48 000	46,0
48,0	18,7	81,0	37 100	37 100	27,2	86,5	40 000	40 000	36,4	91,7	44 300	45 000	48,0
50,0					20,0	81,6	37 700	37 700	31,3	88,6	42 000	42 200	50,0
52,0									25,4	84,7	39 600	39 600	52,0
54,0									17,5	79,3	37 400	37 400	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-2

ASME B30.5



175 100 kg



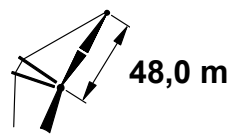
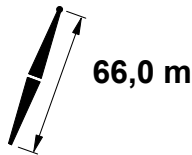
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,7	102,8	51 400	67 400									40,0
42,0	58,5	101,6	48 300	63 500									42,0
44,0	55,2	100,2	45 500	60 000									44,0
46,0	51,8	98,7	43 000	56 800									46,0
48,0	48,1	96,9	40 700	53 900	57,7	99,5	36 300	50 400					48,0
50,0	44,3	94,9	38 600	51 100	54,4	98,0	34 400	47 800					50,0
52,0	40,1	92,6	36 700	48 000	50,9	96,5	32 600	45 500					52,0
54,0	35,5	89,9	34 900	44 900	47,2	94,6	30 900	43 400					54,0
56,0	30,4	86,7	33 200	42 200	43,3	92,6	29 400	41 500					56,0
58,0	24,1	82,6	31 600	39 700	39,0	90,2	28 000	39 600	49,7	93,6	24 400	36 900	58,0
60,0	15,6	76,7	30 000	37 400	34,3	87,4	26 600	37 900	45,9	91,7	23 200	35 300	60,0
62,0					29,0	84,0	25 400	36 300	41,9	89,6	22 000	33 800	62,0
64,0					22,4	79,6	24 100	34 800	37,5	87,0	21 000	32 400	64,0
66,0									32,6	84,1	20 000	31 100	66,0
68,0									26,9	80,4	19 000	29 800	68,0
70,0									19,7	75,5	18 100	28 600	70,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



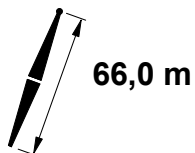
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	72,9	114,0	77 100	77 100									22,9
24,0	71,5	113,6	77 000	77 000									24,0
26,0	68,9	112,8	76 400	76 400	71,9	113,4	76 700	76 700					26,0
28,0	66,3	111,9	69 700	69 700	69,3	112,7	76 700	76 700					28,0
30,0	63,7	111,0	64 100	64 100	66,7	111,8	76 700	76 700					30,0
32,0	60,9	109,9	59 300	59 300	64,1	110,9	73 600	73 600	68,6	111,9	72 300	75 200	32,0
34,0	58,1	108,6	55 300	55 300	61,4	109,8	67 600	67 600	66,0	111,0	67 000	75 100	34,0
36,0	55,3	107,3	51 800	51 800	58,6	108,6	62 500	62 500	63,3	110,0	62 400	73 700	36,0
38,0	52,3	105,8	48 800	48 800	55,7	107,2	58 200	58 200	60,6	108,9	58 300	70 600	38,0
40,0	49,1	104,1	46 100	46 100	52,7	105,7	54 500	54 500	57,8	107,7	54 600	67 700	40,0
42,0	45,8	102,2	43 800	43 800	49,6	104,1	51 400	51 400	54,9	106,3	51 300	64 300	42,0
44,0	42,3	100,0	41 800	41 800	46,3	102,2	48 600	48 600	51,9	104,7	48 300	59 800	44,0
46,0	38,6	97,6	40 100	40 100	42,9	100,1	46 300	46 300	48,7	103,0	45 700	55 300	46,0
48,0	34,5	94,8	38 600	38 600	39,2	97,7	44 200	44 200	45,4	101,1	43 200	51 300	48,0
50,0	29,8	91,5	37 400	37 400	35,1	95,0	42 300	42 300	41,9	98,9	41 000	47 800	50,0
52,0	24,4	87,4	36 400	36 400	30,6	91,7	39 700	39 700	38,1	96,4	38 900	44 600	52,0
54,0	17,4	81,9	33 500	33 500	25,3	87,8	37 200	37 200	33,9	93,6	37 000	41 700	54,0
56,0					18,6	82,6	34 900	34 900	29,2	90,2	35 200	39 100	56,0
58,0									23,6	86,0	33 500	36 600	58,0
60,0									16,3	80,1	32 000	34 200	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-2

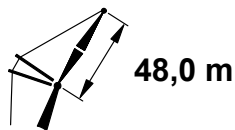
ASME B30.5



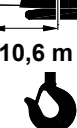
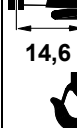
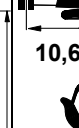
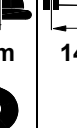
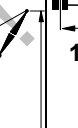
175 100 kg



66,0 m



48,0 m

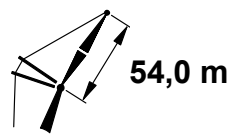
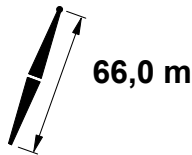
	75°				70°				65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	62,8	108,5	46 600	62 200									42,0
44,0	60,1	107,4	43 900	58 700									44,0
46,0	57,3	106,1	41 400	55 500									46,0
48,0	54,4	104,7	39 100	52 600									48,0
50,0	51,3	103,1	37 000	50 000									50,0
52,0	48,1	101,4	35 100	47 500	56,6	104,0	30 700	44 200					52,0
54,0	44,8	99,4	33 300	45 300	53,6	102,5	29 100	42 100					54,0
56,0	41,2	97,2	31 600	43 200	50,6	100,9	27 600	40 100					56,0
58,0	37,4	94,7	30 000	41 300	47,3	99,1	26 200	38 300					58,0
60,0	33,1	91,7	28 600	39 500	43,9	97,1	24 900	36 700	52,6	99,8	21 300	33 900	60,0
62,0	28,3	88,2	27 200	37 800	40,3	94,8	23 700	35 100	49,5	98,1	20 200	32 400	62,0
64,0	22,5	83,8	25 900	36 200	36,4	92,2	22 500	33 600	46,2	96,2	19 200	31 000	64,0
66,0	14,6	77,4	24 600	34 100	32,0	89,1	21 400	32 200	42,8	94,1	18 200	29 700	66,0
68,0					27,0	85,4	20 400	30 900	39,0	91,7	17 300	28 500	68,0
70,0					20,9	80,7	19 400	29 700	35,0	88,9	16 400	27 400	70,0
72,0									30,4	85,7	15 600	26 300	72,0
74,0									25,1	81,7	14 700	25 300	74,0
76,0									18,4	76,5	14 000	24 300	76,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



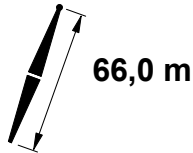
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	73,2	119,8	67 000	67 000									24,4
26,0	71,4	119,2	66 800	66 800									26,0
28,0	69,1	118,5	63 200	63 200									28,0
30,0	66,8	117,6	58 500	58 500	69,5	118,3	64 200	64 200					30,0
32,0	64,5	116,7	54 100	54 100	67,2	117,5	59 500	59 500					32,0
34,0	62,1	115,6	50 000	50 000	64,8	116,6	55 000	55 000					34,0
36,0	59,6	114,5	46 200	46 200	62,4	115,5	50 900	50 900	66,5	116,7	58 300	58 300	36,0
38,0	57,1	113,2	42 800	42 800	60,0	114,4	47 100	47 100	64,1	115,7	54 000	54 000	38,0
40,0	54,5	111,8	39 600	39 600	57,5	113,1	43 600	43 600	61,7	114,7	50 000	50 000	40,0
42,0	51,8	110,2	36 700	36 700	54,9	111,7	40 300	40 300	59,3	113,5	46 300	46 300	42,0
44,0	49,0	108,5	34 100	34 100	52,2	110,2	37 300	37 300	56,8	112,2	42 800	42 800	44,0
46,0	46,1	106,6	31 600	31 600	49,5	108,5	34 600	34 600	54,2	110,8	39 700	39 700	46,0
48,0	43,0	104,6	29 300	29 300	46,6	106,7	32 100	32 100	51,5	109,2	36 800	36 800	48,0
50,0	39,8	102,2	27 300	27 300	43,5	104,6	29 800	29 800	48,7	107,5	34 100	34 100	50,0
52,0	36,2	99,6	25 300	25 300	40,3	102,3	27 700	27 700	45,7	105,6	31 600	31 600	52,0
54,0	32,4	96,5	23 500	23 500	36,8	99,7	25 700	25 700	42,6	103,5	29 400	29 400	54,0
56,0	28,1	93,0	21 900	21 900	33,0	96,8	23 900	23 900	39,3	101,1	27 300	27 300	56,0
58,0	23,0	88,6	20 300	20 300	28,8	93,3	22 200	22 200	35,8	98,4	25 400	25 400	58,0
60,0	16,4	82,7	18 900	18 900	23,8	89,1	20 600	20 600	31,9	95,3	23 500	23 500	60,0
62,0					17,5	83,5	19 200	19 200	27,5	91,6	21 900	21 900	62,0
64,0					6,5	73,3	17 800	17 800	22,2	87,1	20 300	20 300	64,0
66,0									15,3	80,9	18 900	18 900	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-2

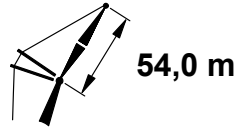
ASME B30.5



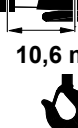
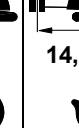
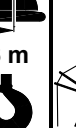
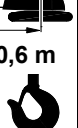
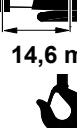
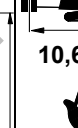
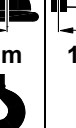
175 100 kg



66,0 m



54,0 m

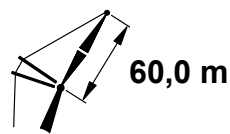
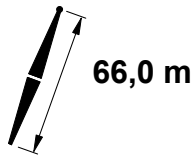
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
24,4														24,4
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0	61,3	113,2	40 600	49 300										46,0
48,0	58,8	112,0	38 300	45 800										48,0
50,0	56,3	110,7	36 200	42 400										50,0
52,0	53,7	109,2	34 300	39 400										52,0
54,0	51,0	107,6	32 500	36 500										54,0
56,0	48,1	105,9	30 900	33 900	55,7	108,5	26 800	39 500						56,0
58,0	45,2	103,9	29 400	31 400	53,0	107,0	25 400	37 700						58,0
60,0	42,1	101,7	27 900	29 200	50,3	105,4	24 100	35 800						60,0
62,0	38,7	99,3	26 600	27 200	47,4	103,6	22 900	33 400						62,0
64,0	35,1	96,6	25 200	25 200	44,4	101,6	21 800	31 000	52,1	104,2	18 300	30 400		64,0
66,0	31,1	93,4	23 400	23 400	41,3	99,4	20 700	28 800	49,4	102,6	17 400	29 100		66,0
68,0	26,6	89,6	21 800	21 800	37,9	96,9	19 700	26 800	46,5	100,7	16 500	27 900		68,0
70,0	21,2	84,9	20 300	20 300	34,2	94,0	18 700	24 900	43,4	98,6	15 600	26 800		70,0
72,0	13,7	78,2	18 800	18 800	30,1	90,7	17 800	23 200	40,2	96,3	14 800	25 800		72,0
74,0					25,4	86,8	17 000	21 600	36,7	93,7	14 000	24 700		74,0
76,0					19,6	81,7	16 100	20 000	32,9	90,7	13 300	23 800		76,0
78,0									28,6	87,2	12 600	22 700		78,0
80,0									23,6	83,0	11 900	21 200		80,0
82,0									17,3	77,4	11 300	19 700		82,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



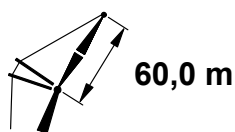
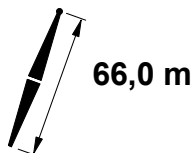
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,4	125,6	59 100	59 100									25,9
26,0	73,3	125,6	59 100	59 100									26,0
28,0	71,3	124,9	59 000	59 000									28,0
30,0	69,3	124,1	58 800	58 800									30,0
32,0	67,2	123,3	58 500	58 500	69,6	124,0	58 700	58 700					32,0
34,0	65,1	122,4	55 300	55 300	67,5	123,2	58 700	58 700					34,0
36,0	62,9	121,4	51 500	51 500	65,4	122,3	58 700	58 700					36,0
38,0	60,8	120,3	48 300	48 300	63,3	121,3	58 600	58 600	66,9	122,4	56 200	57 200	38,0
40,0	58,5	119,1	45 500	45 500	61,1	120,2	55 700	55 700	64,8	121,4	52 700	57 200	40,0
42,0	56,2	117,7	43 000	43 000	58,9	119,0	52 100	52 100	62,7	120,4	49 500	57 200	42,0
44,0	53,9	116,3	40 800	40 800	56,6	117,7	48 900	48 900	60,5	119,3	46 500	56 600	44,0
46,0	51,5	114,7	38 800	38 800	54,3	116,3	46 200	46 200	58,2	118,1	43 900	53 800	46,0
48,0	48,9	113,0	37 100	37 100	51,8	114,7	43 700	43 700	55,9	116,7	41 400	49 800	48,0
50,0	46,3	111,1	35 500	35 500	49,3	113,0	40 900	40 900	53,6	115,3	39 200	46 200	50,0
52,0	43,6	109,1	34 100	34 100	46,7	111,2	38 300	38 300	51,1	113,7	37 100	43 100	52,0
54,0	40,7	106,8	32 800	32 800	44,0	109,1	35 800	35 800	48,6	112,0	35 200	40 200	54,0
56,0	37,6	104,3	31 200	31 200	41,1	106,9	33 600	33 600	46,0	110,1	33 400	37 600	56,0
58,0	34,3	101,4	29 400	29 400	38,1	104,4	31 600	31 600	43,2	108,0	31 700	35 200	58,0
60,0	30,7	98,2	27 700	27 700	34,8	101,6	29 700	29 700	40,3	105,7	30 100	33 100	60,0
62,0	26,6	94,4	26 000	26 000	31,2	98,4	27 900	27 900	37,2	103,1	28 700	31 100	62,0
64,0	21,7	89,7	24 500	24 500	27,2	94,7	26 300	26 300	33,8	100,2	27 300	29 200	64,0
66,0	15,5	83,5	22 400	22 400	22,5	90,3	24 800	24 800	30,2	96,9	26 000	27 500	66,0
68,0					16,6	84,4	23 300	23 300	26,0	93,0	24 800	25 900	68,0
70,0					6,2	73,6	18 900	18 900	21,0	88,2	23 600	24 400	70,0
72,0									14,5	81,7	22 300	22 800	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-2

ASME B30.5



175 100 kg



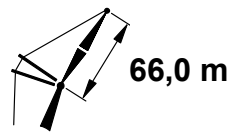
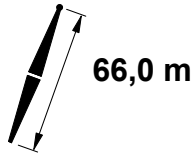
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0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

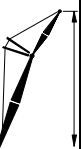
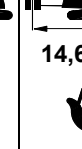
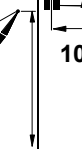
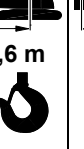
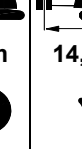
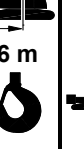
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



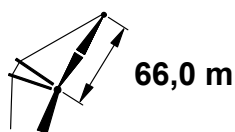
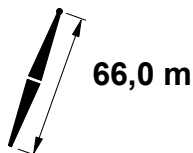
	85°					83°					80°					
	 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	
27,4	73,6	131,4	51 300	51 300												27,4
28,0	73,0	131,2	51 300	51 300												28,0
30,0	71,2	130,5	51 200	51 200												30,0
32,0	69,4	129,8	51 100	51 100	71,5	130,4	50 800	50 800								32,0
34,0	67,5	128,9	50 800	50 800	69,6	129,6	50 800	50 800								34,0
36,0	65,6	128,0	50 500	50 500	67,8	128,8	50 800	50 800								36,0
38,0	63,6	127,1	48 300	48 300	65,9	127,9	50 800	50 800								38,0
40,0	61,7	126,0	45 400	45 400	63,9	127,0	50 700	50 700	67,2	128,0	49 400	49 400				40,0
42,0	59,7	124,8	42 800	42 800	62,0	125,9	50 600	50 600	65,3	127,1	48 400	49 400				42,0
44,0	57,6	123,6	40 500	40 500	60,0	124,8	48 600	49 400	63,4	126,1	45 700	49 400				44,0
46,0	55,5	122,2	38 500	38 500	57,9	123,5	45 800	46 400	61,4	125,0	43 000	49 400				46,0
48,0	53,4	120,8	36 700	36 700	55,8	122,2	43 100	43 300	59,4	123,9	40 500	48 600				48,0
50,0	51,1	119,2	35 000	35 000	53,7	120,7	40 300	40 300	57,4	122,6	38 300	45 600				50,0
52,0	48,9	117,4	33 600	33 600	51,5	119,2	37 700	37 700	55,2	121,2	36 200	42 400				52,0
54,0	46,5	115,6	32 200	32 200	49,2	117,5	35 300	35 300	53,1	119,8	34 300	39 600				54,0
56,0	44,0	113,5	30 700	30 700	46,8	115,6	33 100	33 100	50,9	118,1	32 500	37 000				56,0
58,0	41,4	111,3	28 900	28 900	44,4	113,6	31 000	31 000	48,6	116,4	30 800	34 700				58,0
60,0	38,7	108,9	27 200	27 200	41,8	111,4	29 200	29 200	46,2	114,5	29 300	32 500				60,0
62,0	35,7	106,2	25 600	25 600	39,1	109,0	27 500	27 500	43,7	112,5	27 800	30 600				62,0
64,0	32,6	103,1	24 100	24 100	36,2	106,3	25 900	25 900	41,1	110,2	26 400	28 700				64,0
66,0	29,1	99,7	22 800	22 800	33,1	103,4	24 400	24 400	38,3	107,7	25 200	27 100				66,0
68,0	25,2	95,7	21 400	21 400	29,7	100,0	23 000	23 000	35,3	105,0	24 000	25 500				68,0
70,0	20,6	90,8	19 900	19 900	25,9	96,1	21 700	21 700	32,2	101,9	22 800	24 000				70,0
72,0	14,6	84,2	18 000	18 000	21,4	91,3	20 300	20 300	28,6	98,4	21 700	22 700				72,0
74,0					15,7	85,1	18 800	18 800	24,7	94,3	20 700	21 400				74,0
76,0					5,6	73,6	15 200	15 200	19,9	89,2	19 700	20 100				76,0
78,0									13,7	82,3	18 500	18 500				78,0
80,0																80,0
82,0																82,0
84,0																84,0
86,0																86,0
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92,0																92,0
94,0																94,0
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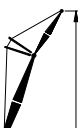
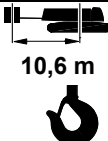
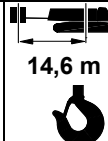
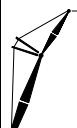
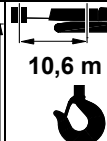
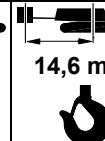
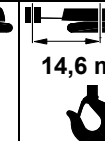
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



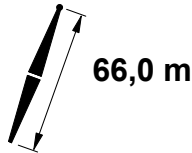
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
27,4														27,4
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	61,1	123,5	31 400	44 800										52,0
54,0	59,0	122,4	29 600	42 600										54,0
56,0	57,0	121,1	28 000	40 600										56,0
58,0	54,9	119,7	26 500	38 700										58,0
60,0	52,7	118,2	25 100	37 000										60,0
62,0	50,5	116,5	23 800	35 300	56,5	118,9	19 900	32 300						62,0
64,0	48,1	114,8	22 600	33 800	54,3	117,5	18 800	30 900						64,0
66,0	45,7	112,9	21 400	32 200	52,2	116,0	17 700	29 500						66,0
68,0	43,2	110,8	20 300	30 300	49,9	114,3	16 800	28 300						68,0
70,0	40,6	108,5	19 300	28 500	47,6	112,5	15 900	27 100						70,0
72,0	37,8	106,0	18 300	26 900	45,1	110,6	15 000	26 000	51,4	113,2	11 700	23 500		72,0
74,0	34,8	103,2	17 400	25 300	42,6	108,4	14 200	24 900	49,1	111,5	11 000	22 500		74,0
76,0	31,6	100,0	16 500	23 900	39,9	106,1	13 400	23 900	46,8	109,6	10 300	21 600		76,0
78,0	28,0	96,4	15 700	22 500	37,1	103,5	12 700	23 000	44,3	107,6	9 700	20 700		78,0
80,0	23,9	92,2	14 900	21 200	34,0	100,6	11 900	22 100	41,7	105,4	9 000	19 900		80,0
82,0	19,0	86,9	14 100	20 000	30,7	97,4	11 300	21 200	39,0	103,0	8 400	19 100		82,0
84,0					27,0	93,6	10 600	20 400	36,1	100,3	7 900	18 300		84,0
86,0					22,8	89,2	10 000	19 600	33,0	97,3	7 300	17 600		86,0
88,0					17,6	83,5	9 400	18 900	29,5	93,9	6 800	16 900		88,0
90,0									25,7	90,0	6 300	16 200		90,0
92,0									21,2	85,2	5 800	15 600		92,0
94,0									15,5	78,9	5 300	15 000		94,0
96,0									4,8	66,8	4 700	14 300		96,0

MLC300 VPC-MAX S-2

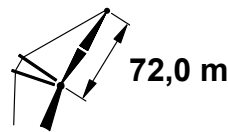
ASME B30.5



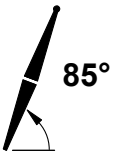
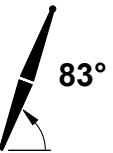
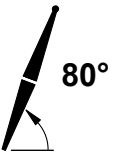
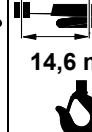
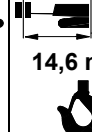
175 100 kg



66,0 m

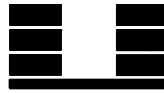


72,0 m

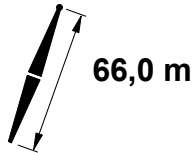
	 85°				 83°				 80°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
29,0	73,7	137,2	44 500	44 500										29,0
30,0	72,8	136,9	44 500	44 500										30,0
32,0	71,2	136,2	44 300	44 300										32,0
34,0	69,5	135,4	44 200	44 200	71,4	136,0	43 900	43 900						34,0
36,0	67,7	134,6	44 000	44 000	69,7	135,3	43 900	43 900						36,0
38,0	66,0	133,7	43 700	43 700	68,0	134,5	43 900	43 900						38,0
40,0	64,2	132,8	43 400	43 400	66,3	133,6	43 800	43 800						40,0
42,0	62,4	131,8	42 500	42 500	64,5	132,7	43 700	43 700	67,5	133,7	42 400	42 400		42,0
44,0	60,6	130,6	40 600	40 600	62,7	131,6	43 100	43 100	65,8	132,8	42 400	42 400		44,0
46,0	58,8	129,4	38 500	38 500	60,9	130,5	42 200	42 200	64,0	131,8	42 100	42 400		46,0
48,0	56,9	128,1	36 700	36 700	59,1	129,4	41 200	41 200	62,2	130,8	40 100	42 400		48,0
50,0	54,9	126,8	35 000	35 000	57,2	128,1	40 000	40 000	60,4	129,7	37 900	42 100		50,0
52,0	52,9	125,3	33 400	33 400	55,2	126,7	37 700	37 700	58,5	128,5	35 800	41 300		52,0
54,0	50,9	123,7	32 000	32 000	53,3	125,2	35 300	35 300	56,6	127,2	33 900	39 600		54,0
56,0	48,8	121,9	30 600	30 600	51,2	123,6	33 100	33 100	54,7	125,8	32 100	37 000		56,0
58,0	46,6	120,1	28 900	28 900	49,1	121,9	31 000	31 000	52,7	124,2	30 400	34 700		58,0
60,0	44,4	118,0	27 200	27 200	47,0	120,1	29 200	29 200	50,6	122,6	28 900	32 500		60,0
62,0	42,0	115,9	25 600	25 600	44,7	118,1	27 500	27 500	48,5	120,9	27 500	30 500		62,0
64,0	39,5	113,5	24 100	24 100	42,4	115,9	25 900	25 900	46,3	119,0	26 100	28 700		64,0
66,0	36,9	110,9	22 800	22 800	39,9	113,6	24 400	24 400	44,1	117,0	24 900	27 000		66,0
68,0	34,1	108,0	21 500	21 500	37,3	111,0	23 000	23 000	41,7	114,8	23 700	25 500		68,0
70,0	31,1	104,8	20 000	20 000	34,6	108,2	21 700	21 700	39,2	112,4	22 500	24 000		70,0
72,0	27,8	101,2	18 600	18 600	31,6	105,1	20 400	20 400	36,6	109,7	21 500	22 700		72,0
74,0	24,1	96,9	17 200	17 200	28,4	101,5	19 000	19 000	33,8	106,8	20 500	21 400		74,0
76,0	19,7	91,8	15 900	15 900	24,7	97,4	17 600	17 600	30,7	103,6	19 500	20 200		76,0
78,0	14,0	84,9	14 500	14 500	20,4	92,4	16 200	16 200	27,4	99,9	18 600	18 800		78,0
80,0					15,0	85,9	14 900	14 900	23,6	95,5	17 400	17 400		80,0
82,0									19,1	90,2	16 100	16 100		82,0
84,0									13,1	82,9	14 800	14 800		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-2

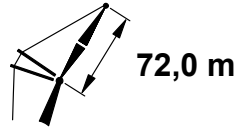
ASME B30.5



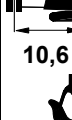
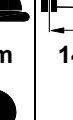
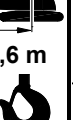
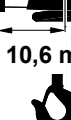
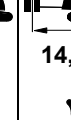
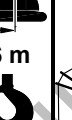
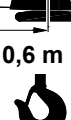
175 100 kg



66,0 m



72,0 m

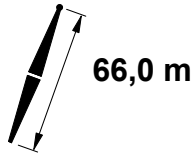
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0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

MLC300 VPC-MAX S-2

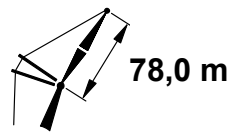
ASME B30.5



175 100 kg



66,0 m



78,0 m

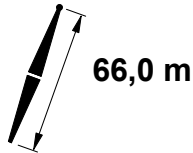
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	73,8	143,0	38 300	38 300									30,5
32,0	72,7	142,5	38 200	38 200									32,0
34,0	71,1	141,8	38 100	38 100									34,0
36,0	69,5	141,1	37 900	37 900									36,0
38,0	68,0	140,3	37 700	37 700	69,8	141,0	37 500	37 500					38,0
40,0	66,4	139,4	37 400	37 400	68,2	140,2	37 500	37 500					40,0
42,0	64,7	138,5	37 200	37 200	66,6	139,3	37 300	37 300					42,0
44,0	63,1	137,5	36 900	36 900	65,0	138,4	37 200	37 200	67,8	139,4	36 100	36 100	44,0
46,0	61,4	136,4	36 500	36 500	63,3	137,4	37 000	37 000	66,1	138,5	36 100	36 100	46,0
48,0	59,7	135,2	35 300	35 300	61,7	136,3	36 800	36 800	64,5	137,6	36 100	36 100	48,0
50,0	58,0	134,0	33 900	33 900	60,0	135,2	36 600	36 600	62,9	136,5	36 100	36 100	50,0
52,0	56,2	132,7	32 400	32 400	58,3	133,9	35 300	35 300	61,2	135,4	35 100	36 100	52,0
54,0	54,4	131,3	30 300	30 300	56,5	132,6	33 100	33 100	59,5	134,3	33 200	36 100	54,0
56,0	52,6	129,8	28 300	28 300	54,7	131,2	30 900	30 900	57,8	133,0	31 400	34 900	56,0
58,0	50,7	128,1	26 400	26 400	52,9	129,7	28 900	28 900	56,0	131,7	29 800	32 800	58,0
60,0	48,8	126,4	24 400	24 400	51,0	128,1	26 900	26 900	54,2	130,3	28 200	30 700	60,0
62,0	46,8	124,5	22 600	22 600	49,1	126,4	25 100	25 100	52,3	128,7	26 800	28 600	62,0
64,0	44,7	122,6	20 700	20 700	47,1	124,6	23 100	23 100	50,5	127,1	25 500	26 700	64,0
66,0	42,5	120,4	19 000	19 000	45,0	122,6	21 300	21 300	48,5	125,4	24 200	24 800	66,0
68,0	40,3	118,1	17 400	17 400	42,9	120,5	19 600	19 600	46,5	123,5	22 900	23 000	68,0
70,0	37,9	115,6	15 800	15 800	40,6	118,2	17 900	17 900	44,4	121,5	21 200	21 200	70,0
72,0	35,4	112,8	14 300	14 300	38,3	115,7	16 300	16 300	42,2	119,3	19 400	19 400	72,0
74,0	32,7	109,8	12 900	12 900	35,8	113,0	14 800	14 800	40,0	117,0	17 700	17 700	74,0
76,0	29,9	106,4	11 500	11 500	33,2	110,0	13 300	13 300	37,6	114,4	16 100	16 100	76,0
78,0	26,7	102,6	10 200	10 200	30,3	106,7	11 900	11 900	35,1	111,6	14 600	14 600	78,0
80,0	23,1	98,2	8 900	8 900	27,2	103,0	10 600	10 600	32,4	108,6	13 100	13 100	80,0
82,0	18,9	92,8	7 600	7 600	23,7	98,6	9 300	9 300	29,5	105,1	11 700	11 700	82,0
84,0	13,4	85,6	6 300	6 300	19,6	93,4	8 000	8 000	26,3	101,3	10 400	10 400	84,0
86,0					14,4	86,6	6 700	6 700	22,6	96,7	9 100	9 100	86,0
88,0									18,3	91,2	7 800	7 800	88,0
90,0									12,5	83,6	6 500	6 500	90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
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MLC300 VPC-MAX S-2

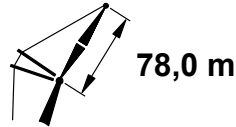
ASME B30.5



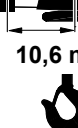
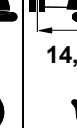
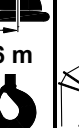
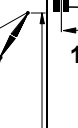
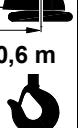
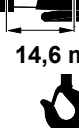
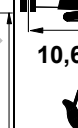
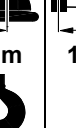
175 100 kg



66,0 m



78,0 m

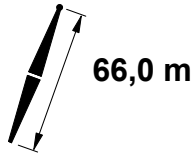
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0														54,0
56,0	62,6	135,0	26 800	33 100										56,0
58,0	60,9	133,9	25 300	33 100										58,0
60,0	59,2	132,8	23 900	33 100										60,0
62,0	57,5	131,5	22 600	33 100										62,0
64,0	55,7	130,1	21 400	32 700										64,0
66,0	53,9	128,7	20 300	30 600										66,0
68,0	52,0	127,2	19 200	28 600	57,0	129,4	15 500	27 400						68,0
70,0	50,1	125,5	18 200	26 700	55,2	128,0	14 600	26 200						70,0
72,0	48,2	123,7	17 300	24 900	53,4	126,5	13 800	25 100						72,0
74,0	46,1	121,8	16 400	23 100	51,6	125,0	13 000	24 100						74,0
76,0	44,0	119,8	15 500	21 300	49,6	123,3	12 200	23 100						76,0
78,0	41,8	117,6	14 700	19 600	47,7	121,5	11 500	22 200	52,8	123,8	8 400	19 700		78,0
80,0	39,6	115,2	13 900	17 900	45,6	119,6	10 800	21 300	50,9	122,1	7 800	18 900		80,0
82,0	37,2	112,6	13 200	16 200	43,5	117,5	10 100	20 400	49,0	120,4	7 200	18 200		82,0
84,0	34,6	109,8	12 500	14 700	41,3	115,2	9 500	19 400	47,0	118,6	6 600	17 400		84,0
86,0	31,9	106,7	11 800	13 200	39,0	112,8	8 900	17 800	44,9	116,6	6 100	16 700		86,0
88,0	28,9	103,2	11 200	11 800	36,6	110,2	8 400	16 200	42,8	114,5	5 600	16 000		88,0
90,0	25,7	99,2	10 500	10 500	34,0	107,3	7 800	14 700	40,5	112,2	5 100	15 400		90,0
92,0	21,9	94,5	9 200	9 200	31,2	104,1	7 300	13 200	38,2	109,7		14 800		92,0
94,0	17,4	88,7	7 900	7 900	28,2	100,5	6 800	11 800	35,7	107,0		14 200		94,0
96,0	11,2	80,5	6 700	6 700	24,8	96,3	6 300	10 500	33,1	104,0		13 600		96,0
98,0					20,9	91,4	5 800	9 200	30,2	100,7		12 900		98,0
100,0					16,1	85,3	5 300	7 900	27,1	96,9		11 600		100,0
102,0					9,0	75,8	4 900	6 700	23,6	92,5		10 300		102,0
104,0									19,5	87,3		9 100		104,0
106,0									14,2	80,4		7 800		106,0

MLC300 VPC-MAX S-2

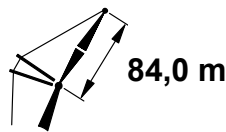
ASME B30.5



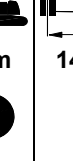
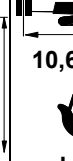
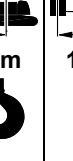
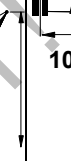
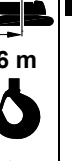
175 100 kg



66,0 m



84,0 m

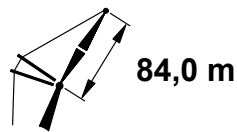
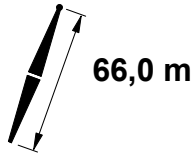
 85°					 83°					 80°					
 m		 m	 kg	 kg		 m	 kg	 kg		 m	 kg	 kg	 m		
32,0	73,9	148,8	32 600	32 600										32,0	
34,0	72,5	148,2	32 400	32 400										34,0	
36,0	71,1	147,5	32 200	32 200										36,0	
38,0	69,6	146,8	32 000	32 000										38,0	
40,0	68,1	146,0	31 700	31 700	69,8	146,6	31 700	31 700						40,0	
42,0	66,7	145,1	31 200	31 200	68,4	145,8	31 500	31 500						42,0	
44,0	65,2	144,2	30 400	30 400	66,9	145,0	31 300	31 300						44,0	
46,0	63,6	143,2	29 600	29 600	65,4	144,1	30 700	30 700	68,0	145,0	30 400	30 400		46,0	
48,0	62,1	142,2	28 900	28 900	63,9	143,1	29 900	29 900	66,5	144,2	30 300	30 300		48,0	
50,0	60,5	141,0	28 200	28 200	62,3	142,1	29 200	29 200	65,0	143,3	30 300	30 300		50,0	
52,0	58,9	139,8	27 600	27 600	60,8	140,9	28 500	28 500	63,4	142,3	29 800	29 800		52,0	
54,0	57,3	138,6	27 000	27 000	59,2	139,8	27 900	27 900	61,9	141,2	29 100	29 100		54,0	
56,0	55,7	137,2	26 500	26 500	57,6	138,5	27 300	27 300	60,3	140,1	28 500	28 500		56,0	
58,0	54,0	135,8	25 900	25 900	55,9	137,2	26 700	26 700	58,7	138,9	27 900	27 900		58,0	
60,0	52,3	134,2	24 800	24 800	54,3	135,7	26 200	26 200	57,1	137,6	27 300	27 300		60,0	
62,0	50,5	132,6	23 100	23 100	52,6	134,2	25 300	25 300	55,5	136,2	26 400	26 700		62,0	
64,0	48,7	130,9	21 500	21 500	50,8	132,6	23 600	23 600	53,8	134,8	25 000	26 200		64,0	
66,0	46,9	129,0	20 000	20 000	49,0	130,9	22 000	22 000	52,1	133,2	23 800	25 200		66,0	
68,0	44,9	127,1	18 500	18 500	47,1	129,1	20 400	20 400	50,3	131,6	22 600	23 500		68,0	
70,0	43,0	124,9	17 100	17 100	45,2	127,1	18 900	18 900	48,5	129,8	21 500	21 800		70,0	
72,0	40,9	122,7	15 800	15 800	43,3	125,0	17 500	17 500	46,6	128,0	20 200	20 200		72,0	
74,0	38,7	120,2	14 500	14 500	41,2	122,8	16 100	16 100	44,7	126,0	18 700	18 700		74,0	
76,0	36,5	117,6	13 300	13 300	39,1	120,3	14 900	14 900	42,7	123,8	17 300	17 300		76,0	
78,0	34,1	114,7	12 000	12 000	36,8	117,7	13 600	13 600	40,6	121,5	16 000	16 000		78,0	
80,0	31,5	111,5	10 800	10 800	34,4	114,9	12 400	12 400	38,4	119,1	14 700	14 700		80,0	
82,0	28,7	108,0	9 600	9 600	31,9	111,7	11 100	11 100	36,2	116,4	13 400	13 400		82,0	
84,0	25,7	104,0	8 400	8 400	29,2	108,3	9 900	9 900	33,7	113,5	12 200	12 200		84,0	
86,0	22,3	99,4	7 300	7 300	26,2	104,4	8 800	8 800	31,2	110,2	11 000	11 000		86,0	
88,0	18,2	93,8	6 100	6 100	22,8	99,8	7 600	7 600	28,4	106,7	9 800	9 800		88,0	
90,0					18,9	94,4	6 400	6 400	25,3	102,6	8 600	8 600		90,0	
92,0					13,9	87,4	5 200	5 200	21,8	97,9	7 400	7 400		92,0	
94,0									17,6	92,1	6 300	6 300		94,0	
96,0									12,1	84,2	5 100	5 100		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-2

ASME B30.5



175 100 kg



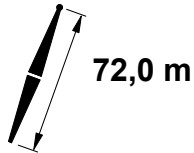
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0	63,2	140,8	24 800	27 800									58,0
60,0	61,6	139,7	23 400	27 800									60,0
62,0	60,1	138,6	22 100	27 800									62,0
64,0	58,5	137,3	20 900	27 700									64,0
66,0	56,8	136,0	19 800	27 200									66,0
68,0	55,2	134,7	18 800	26 700									68,0
70,0	53,5	133,2	17 800	26 300									70,0
72,0	51,8	131,6	16 800	25 200	56,4	133,9	13 300	24 700					72,0
74,0	50,0	130,0	15 900	23 500	54,8	132,5	12 500	23 700					74,0
76,0	48,2	128,2	15 100	21 800	53,1	131,0	11 700	22 700					76,0
78,0	46,3	126,3	14 300	20 300	51,3	129,5	11 000	21 800					78,0
80,0	44,3	124,3	13 500	18 800	49,5	127,8	10 300	20 900					80,0
82,0	42,3	122,1	12 800	17 400	47,7	126,0	9 700	20 100	52,5	128,3	6 700	17 800	82,0
84,0	40,2	119,8	12 100	16 000	45,8	124,0	9 100	19 300	50,7	126,6	6 100	17 000	84,0
86,0	38,1	117,3	11 400	14 700	43,9	122,0	8 500	18 400	48,9	124,9	5 600	16 300	86,0
88,0	35,7	114,6	10 800	13 500	41,8	119,8	7 900	17 200	47,1	123,1	5 100	15 700	88,0
90,0	33,3	111,6	10 200	12 300	39,7	117,4	7 400	15 900	45,2	121,1		15 000	90,0
92,0	30,7	108,3	9 600	11 100	37,5	114,9	6 900	14 600	43,2	119,0		14 400	92,0
94,0	27,8	104,7	9 100	9 900	35,2	112,1	6 400	13 400	41,1	116,8		13 900	94,0
96,0	24,7	100,5	8 500	8 700	32,7	109,0	5 900	12 200	39,0	114,3		13 300	96,0
98,0	21,1	95,6	7 600	7 600	30,0	105,7	5 400	11 000	36,7	111,7		12 800	98,0
100,0	16,8	89,6	6 400	6 400	27,1	101,9	5 000	9 900	34,4	108,8		12 300	100,0
102,0	10,8	81,1	5 300	5 300	23,9	97,6	4 600	8 700	31,8	105,7		11 800	102,0
104,0					20,1	92,5		7 600	29,1	102,2		10 900	104,0
106,0					15,5	86,1		6 400	26,1	98,3		9 700	106,0
108,0					8,7	76,3		5 300	22,7	93,8		8 600	108,0
110,0									18,7	88,3		7 500	110,0
112,0									13,7	81,1		6 300	112,0

MLC300 VPC-MAX S-2

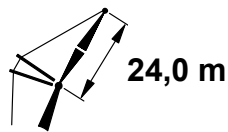
ASME B30.5



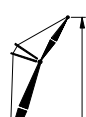
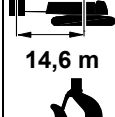
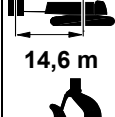
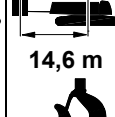
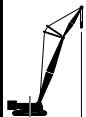
175 100 kg



72,0 m



24,0 m

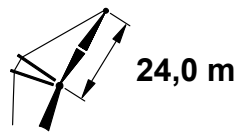
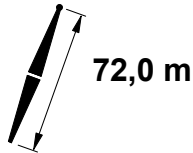
	 85°				 83°				 80°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8		71,8	96,8	111 300 d	111 300 d									16,8
18,0		68,6	96,3	108 300 d	108 300 d									18,0
20,0		63,3	95,3	101 300 c	101 300 c	70,0	96,3	113 600 d	113 600 d					20,0
22,0		57,7	94,1	90 800 b	90 800 b	64,7	95,3	108 600 c	108 600 c					22,0
24,0		51,7	92,6	82 400	82 400	59,2	94,2	100 600 b	100 600 b					24,0
26,0		45,1	90,7	75 700	75 700	53,3	92,7	90 800 b	90 800 b	64,0	94,6	96 300 c	105 400 c	26,0
28,0		37,6	88,2	70 400	70 400	46,9	90,9	82 900	82 900	58,5	93,4	88 000 b	99 000 b	28,0
30,0		28,2	84,9	66 300	66 300	39,6	88,6	76 500	76 500	52,5	91,9	80 800 b	92 700 b	30,0
32,0		13,3	79,0	64 000	64 000	30,9	85,6	71 500	71 500	46,0	90,1	74 600	86 700	32,0
34,0										38,6	87,7	69 300	81 000	34,0
36,0										29,6	84,5	64 600	75 300	36,0
38,0										16,1	79,3	60 300	69 500	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
52,0														52,0
54,0														54,0
56,0														56,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



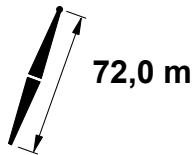
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	58,9	92,1	64 000 b	83 200 b									34,0
36,0	53,0	90,6	59 700	77 700									36,0
38,0	46,5	88,8	55 800	72 700									38,0
40,0	39,2	86,5	52 400	68 400									40,0
42,0	30,4	83,4	49 300	64 400	53,0	88,7	44 600	60 400					42,0
44,0	17,6	78,4	46 400	60 800	46,6	86,9	42 100	57 100					44,0
46,0					39,3	84,6	39 700	54 000					46,0
48,0					30,5	81,5	37 600	51 200					48,0
50,0					17,7	76,5	35 500	48 600	46,0	84,2	31 500	45 500	50,0
52,0									38,6	81,9	29 800	43 300	52,0
54,0									29,5	78,7	28 300	41 300	54,0
56,0									16,0	73,4	26 700	39 300	56,0

MLC300 VPC-MAX S-2

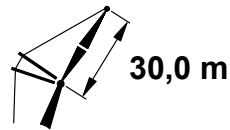
ASME B30.5



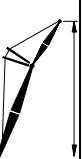
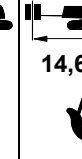
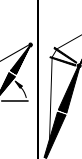
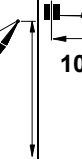
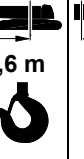
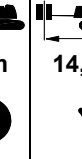
175 100 kg



72,0 m

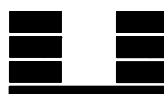


30,0 m

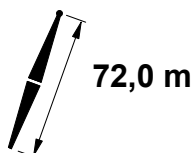
	85°				83°				80°				
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m
18,3	72,5	102,7	98 600 d	98 600 d									18,3
20,0	69,0	102,0	96 400 c	96 400 c									20,0
22,0	64,8	101,1	90 700 b	90 700 b	70,1	101,9	98 800 c	98 800 c					22,0
24,0	60,4	100,0	82 100	82 100	65,9	101,0	97 100 b	97 100 b					24,0
26,0	55,9	98,6	74 900	74 900	61,6	100,0	92 300 b	92 300 b					26,0
28,0	51,0	97,1	69 100	69 100	57,1	98,7	83 600	83 600	65,4	100,3	87 400 b	94 300 b	28,0
30,0	45,8	95,2	64 300	64 300	52,3	97,2	76 600	76 600	61,0	99,2	80 300	89 400	30,0
32,0	40,0	92,9	60 200	60 200	47,1	95,4	70 700	70 700	56,5	98,0	74 200	84 500	32,0
34,0	33,3	90,0	57 100	57 100	41,5	93,2	66 000	66 000	51,7	96,4	68 900	79 800	34,0
36,0	25,0	86,2	54 700	54 700	35,1	90,6	62 200	62 200	46,5	94,6	64 300	75 200	36,0
38,0	11,7	79,6	53 600	53 600	27,4	87,0	59 100	59 100	40,8	92,3	60 100	70 800	38,0
40,0									34,2	89,6	56 400	66 500	40,0
42,0									26,2	85,9	53 100	62 400	42,0
44,0									14,2	80,0	50 000	57 900	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-2

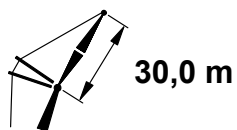
ASME B30.5



175 100 kg



72,0 m



30,0 m

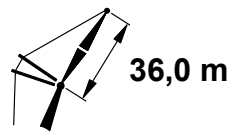
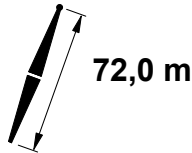
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,4	97,9	59 100	77 100									36,0
38,0	56,8	96,6	55 200	72 200									38,0
40,0	52,0	95,1	51 900	67 900									40,0
42,0	46,9	93,3	48 800	64 000									42,0
44,0	41,2	91,1	46 000	60 500									44,0
46,0	34,8	88,4	43 500	57 300	52,1	93,2	38 900	53 500					46,0
48,0	27,0	84,8	41 200	54 300	46,9	91,4	36 900	50 700					48,0
50,0	15,6	79,2	39 000	51 600	41,3	89,2	34 900	48 200	51,6	90,6	29 000	42 700	50,0
52,0					34,8	86,5	33 200	45 900	46,4	88,7	27 500	40 700	52,0
54,0					27,0	82,9	31 500	43 800	40,7	86,5	26 100	38 900	54,0
56,0					15,7	77,3	29 800	41 700					56,0
58,0									34,2	83,7	24 800	37 200	58,0
60,0									26,2	80,0	23 600	35 600	60,0
62,0									14,1	74,1	22 400	34 000	62,0

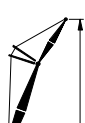
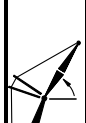
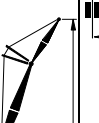
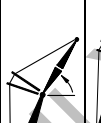
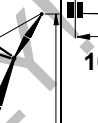
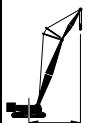
MLC300 VPC-MAX S-2

ASME B30.5



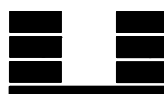
175 100 kg



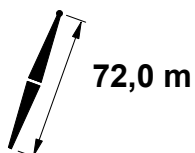
	 85°				 83°				 80°					
														
	m	°	m	kg	kg		m	kg	kg		m	kg	kg	m
19,8	73,0	108,5	87 300 c	87 300 c	87 300 c									19,8
20,0	72,7	108,4	87 300 c	87 300 c	87 300 c									20,0
22,0	69,3	107,7	86 100 b	86 100 b	86 100 b									22,0
24,0	65,8	106,8	81 400	81 400	81 400									24,0
26,0	62,2	105,7	74 300	74 300	74 300	66,7	106,7	86 900	86 900					26,0
28,0	58,5	104,5	68 300	68 300	68 300	63,1	105,7	83 200	83 200					28,0
30,0	54,6	103,2	63 200	63 200	63 200	59,5	104,6	76 900	76 900	66,3	106,0	79 100	85 000	30,0
32,0	50,5	101,5	58 900	58 900	58 900	55,6	103,2	70 600	70 600	62,7	105,0	73 000	81 100	32,0
34,0	46,2	99,7	55 400	55 400	55 400	51,6	101,7	65 500	65 500	59,0	103,8	67 700	77 100	34,0
36,0	41,5	97,5	52 300	52 300	52 300	47,3	99,9	61 200	61 200	55,1	102,5	63 100	73 200	36,0
38,0	36,2	94,9	49 700	49 700	49 700	42,7	97,8	57 600	57 600	51,1	100,9	59 000	69 400	38,0
40,0	30,2	91,7	47 700	47 700	47 700	37,6	95,3	54 500	54 500	46,8	99,1	55 400	65 700	40,0
42,0	22,7	87,4	46 300	46 300	46 300	31,9	92,3	52 000	52 000	42,1	96,9	52 100	62 200	42,0
44,0	10,6	80,1	43 700	43 700	43 700	24,8	88,4	50 100	50 100	37,0	94,4	49 100	58 800	44,0
46,0										31,1	91,3	46 400	55 600	46,0
48,0										23,8	87,2	43 900	52 300	48,0
50,0										12,9	80,6	41 600	48 600	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-2

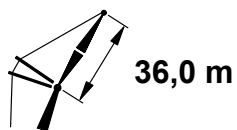
ASME B30.5



175 100 kg



72,0 m



36,0 m

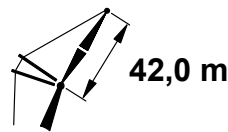
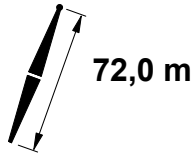
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,3	102,5	50 400	66 600									40,0
42,0	55,4	101,2	47 400	62 700									42,0
44,0	51,4	99,6	44 700	59 300									44,0
46,0	47,1	97,8	42 200	56 100									46,0
48,0	42,5	95,7	40 000	53 200	55,5	99,2	35 000	49 400					48,0
50,0	37,4	93,2	37 900	50 600	51,4	97,7	33 200	46 900					50,0
52,0	31,6	90,1	35 900	48 200	47,1	95,9	31 400	44 700					52,0
54,0	24,5	86,1	34 100	45 900	42,5	93,7	29 800	42 600					54,0
56,0	14,1	79,9	32 300	43 700	37,4	91,2	28 300	40 700	51,1	95,0	24 300	37 500	56,0
58,0					31,6	88,2	26 900	38 800	46,7	93,2	23 000	35 800	58,0
60,0					24,5	84,2	25 600	37 200	42,1	91,1	21 900	34 300	60,0
62,0					14,2	78,0	24 300	35 500	36,9	88,5	20 800	32 800	62,0
64,0									31,0	85,4	19 800	31 500	64,0
66,0									23,8	81,3	18 800	30 200	66,0
68,0									12,8	74,7	17 700	28 900	68,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



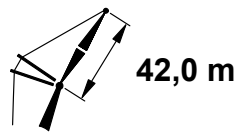
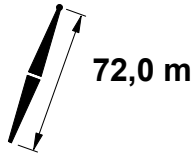
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3	73,3	114,3	75 600 b	75 600 b									21,3
22,0	72,4	114,1	75 600 b	75 600 b									22,0
24,0	69,5	113,3	75 100	75 100									24,0
26,0	66,5	112,5	74 100	74 100	70,2	113,2	75 600	75 600					26,0
28,0	63,5	111,5	68 400	68 400	67,3	112,4	75 400	75 400					28,0
30,0	60,3	110,4	63 100	63 100	64,2	111,5	73 300	73 300					30,0
32,0	57,1	109,1	58 600	58 600	61,1	110,4	68 700	68 700	66,9	111,7	72 400	74 800	32,0
34,0	53,7	107,7	54 800	54 800	57,9	109,2	64 100	64 100	63,9	110,7	67 200	73 200	34,0
36,0	50,2	106,0	51 500	51 500	54,6	107,8	59 900	59 900	60,7	109,6	62 600	68 600	36,0
38,0	46,5	104,2	48 700	48 700	51,1	106,2	55 900	55 900	57,5	108,4	58 500	64 100	38,0
40,0	42,5	102,0	46 300	46 300	47,5	104,4	52 300	52 300	54,2	107,0	54 900	59 900	40,0
42,0	38,2	99,6	44 200	44 200	43,6	102,3	48 900	48 900	50,7	105,4	51 600	56 000	42,0
44,0	33,4	96,7	42 000	42 000	39,3	100,0	45 800	45 800	47,0	103,5	48 700	52 300	44,0
46,0	27,8	93,2	39 500	39 500	34,7	97,2	43 000	43 000	43,0	101,5	46 000	49 000	46,0
48,0	20,9	88,5	37 300	37 300	29,4	93,9	40 500	40 500	38,8	99,1	43 600	45 900	48,0
50,0	9,7	80,6	35 300	35 300	22,9	89,6	38 100	38 100	34,0	96,2	41 300	43 100	50,0
52,0									28,6	92,8	39 300	40 500	52,0
54,0									21,9	88,3	37 400	38 100	54,0
56,0									11,9	81,2	35 500	36 000	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0

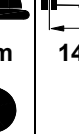
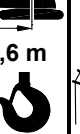
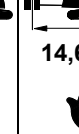
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



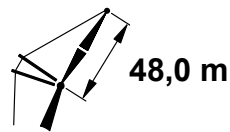
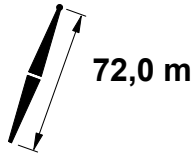
	 75°				 70°				 65°									
																		
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
21,3																		21,3
22,0																		22,0
24,0																		24,0
26,0																		26,0
28,0																		28,0
30,0																		30,0
32,0																		32,0
34,0																		34,0
36,0																		36,0
38,0																		38,0
40,0																		40,0
42,0	61,0		108,3	46 600	62 100													42,0
44,0	57,8		107,1	43 900	58 700													44,0
46,0	54,4		105,7	41 400	55 500													46,0
48,0	51,0		104,1	39 200	52 700													48,0
50,0	47,3		102,3	37 100	50 100													50,0
52,0	43,4		100,2	35 200	47 700	54,5	103,7	30 600	44 000									52,0
54,0	39,1		97,8	33 500	45 500	51,0	102,1	29 000	42 000									54,0
56,0	34,4		95,0	31 800	43 400	47,3	100,3	27 500	40 100									56,0
58,0	29,1		91,7	30 300	41 200	43,4	98,3	26 200	38 300									58,0
60,0	22,5		87,3	28 800	38 800	39,2	95,9	24 900	36 700	50,7	99,5	21 000	33 700					60,0
62,0	13,0		80,6	27 400	36 600	34,5	93,1	23 700	35 100	47,0	97,7	20 000	32 200					62,0
64,0						29,1	89,7	22 600	33 700	43,0	95,6	19 000	30 900					64,0
66,0						22,6	85,4	21 500	32 300	38,8	93,2	18 000	29 600					66,0
68,0						13,0	78,7	20 400	30 900	34,0	90,4	17 100	28 400					68,0
70,0										28,6	86,9	16 300	27 300					70,0
72,0										21,9	82,4	15 500	26 200					72,0
74,0										11,8	75,3	14 600	25 100					74,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9	73,6	120,1	67 300	67 300									22,9
24,0	72,1	119,7	67 200	67 200									24,0
26,0	69,6	119,0	66 800	66 800									26,0
28,0	67,0	118,2	66 000	66 000	70,3	118,9	67 200	67 200					28,0
30,0	64,4	117,2	62 700	62 700	67,7	118,1	67 100	67 100					30,0
32,0	61,7	116,1	58 000	58 000	65,1	117,2	66 800	66 800					32,0
34,0	58,9	115,0	54 100	54 100	62,4	116,1	65 600	65 600	67,3	117,4	65 300	66 100	34,0
36,0	56,0	113,6	50 700	50 700	59,6	115,0	61 700	61 700	64,7	116,5	61 300	66 100	36,0
38,0	53,1	112,2	47 700	47 700	56,8	113,7	57 400	57 400	62,0	115,4	57 200	64 200	38,0
40,0	50,0	110,5	45 200	45 200	53,8	112,3	53 800	53 800	59,3	114,2	53 700	61 400	40,0
42,0	46,7	108,7	43 000	43 000	50,8	110,7	50 700	50 700	56,4	112,9	50 400	58 800	42,0
44,0	43,3	106,6	41 000	41 000	47,6	108,9	48 000	48 000	53,4	111,5	47 500	56 200	44,0
46,0	39,6	104,2	39 300	39 300	44,2	106,9	45 600	45 600	50,4	109,8	44 800	53 600	46,0
48,0	35,6	101,5	37 800	37 800	40,6	104,6	43 600	43 600	47,1	108,0	42 400	51 200	48,0
50,0	31,1	98,4	36 600	36 600	36,6	102,0	41 800	41 800	43,7	106,0	40 200	48 900	50,0
52,0	26,0	94,5	35 700	35 700	32,3	99,0	40 200	40 200	40,1	103,7	38 200	46 200	52,0
54,0	19,5	89,5	34 600	34 600	27,4	95,3	38 100	38 100	36,1	101,0	36 300	43 200	54,0
56,0	9,1	81,0	29 300	29 300	21,3	90,7	35 800	35 800	31,7	97,9	34 600	40 400	56,0
58,0									26,7	94,2	32 900	37 900	58,0
60,0									20,4	89,4	31 400	35 500	60,0
62,0									11,0	81,8	29 900	32 400	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-2

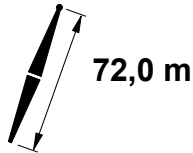
ASME B30.5



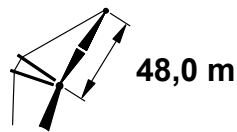
175 100 kg



360°



72,0 m



48,0 m

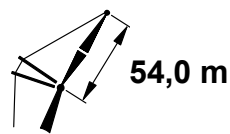
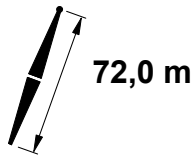
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,5	112,9	39 600	54 200									46,0
48,0	56,6	111,6	37 400	51 400									48,0
50,0	53,7	110,2	35 400	48 800									50,0
52,0	50,6	108,6	33 500	46 400									52,0
54,0	47,4	106,8	31 800	44 200	56,6	109,7	27 100	40 600					54,0
56,0	44,0	104,7	30 200	42 200	53,7	108,2	25 700	38 700					56,0
58,0	40,4	102,5	28 700	40 300	50,6	106,6	24 400	37 000					58,0
60,0	36,5	99,8	27 300	38 500	47,4	104,8	23 100	35 300					60,0
62,0	32,1	96,8	25 900	36 900	44,0	102,8	21 900	33 800	50,4	104,0	17 100	29 500	62,0
64,0	27,1	93,1	24 700	35 300	40,4	100,5	20 800	32 400	47,1	102,2	16 200	28 200	64,0
66,0	21,0	88,4	23 500	33 900	36,5	97,9	19 800	31 100	43,7	100,1	15 300	27 100	66,0
68,0	12,1	81,2	22 300	32 500	32,1	94,9	18 800	29 800	40,1	97,8	14 500	26 000	68,0
70,0					27,1	91,2	17 900	28 600					70,0
72,0					21,0	86,5	17 000	27 500	36,1	95,2	13 700	25 000	72,0
74,0					12,1	79,3	16 100	26 300	31,7	92,1	13 000	24 000	74,0
76,0									26,6	88,3	12 300	23 000	76,0
78,0									20,4	83,5	11 600	22 100	78,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



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

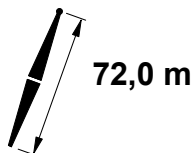
ASME B30.5



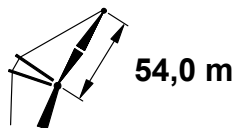
175 100 kg



360°



72,0 m



54,0 m

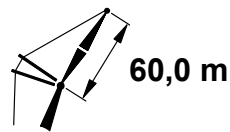
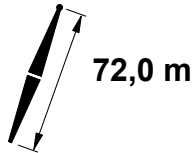
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	63,2	119,8	38 800	50 600									46,0
48,0	60,8	118,7	36 600	47 200									48,0
50,0	58,3	117,5	34 600	43 900									50,0
52,0	55,7	116,2	32 700	40 900									52,0
54,0	53,1	114,7	31 000	38 000									54,0
56,0	50,4	113,0	29 400	35 300									56,0
58,0	47,5	111,2	27 900	32 800	55,7	114,2	23 500	36 300					58,0
60,0	44,5	109,2	26 600	30 500	53,1	112,7	22 300	34 700					60,0
62,0	41,3	107,0	25 300	28 400	50,4	111,1	21 200	33 200					62,0
64,0	37,9	104,5	24 100	26 400	47,5	109,3	20 100	31 800	52,9	110,1	15 300	27 600	64,0
66,0	34,3	101,7	22 900	24 500	44,5	107,3	19 100	30 400	50,1	108,5	14 500	26 500	66,0
68,0	30,2	98,4	21 800	22 800	41,4	105,1	18 100	28 500	47,3	106,7	13 700	25 400	68,0
70,0	25,5	94,5	20 800	21 200	38,0	102,6	17 200	26 500	44,2	104,6	12 900	24 400	70,0
72,0	19,8	89,4	19 700	19 700	34,3	99,8	16 300	24 700					72,0
74,0	11,4	81,8	18 400	18 400	30,2	96,5	15 500	23 000	41,1	102,4	12 200	23 400	74,0
76,0					25,5	92,5	14 700	21 400	37,6	99,9	11 500	22 500	76,0
78,0					19,8	87,5	14 000	19 900	33,9	97,0	10 900	21 600	78,0
80,0					11,4	79,9	13 200	18 500	29,8	93,7	10 300	20 800	80,0
82,0									25,1	89,7	9 700	20 000	82,0
84,0									19,2	84,5	9 100	19 200	84,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



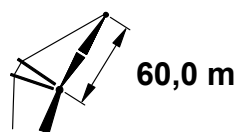
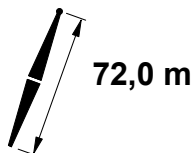
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9	73,9	131,7	52 200	52 200									25,9
26,0	73,8	131,7	52 200	52 200									26,0
28,0	71,8	131,1	52 100	52 100									28,0
30,0	69,8	130,3	51 900	51 900									30,0
32,0	67,7	129,5	51 500	51 500	70,3	130,2	51 900	51 900					32,0
34,0	65,6	128,6	51 000	51 000	68,3	129,4	51 900	51 900					34,0
36,0	63,5	127,6	49 600	49 600	66,2	128,6	51 800	51 800					36,0
38,0	61,3	126,5	47 000	47 000	64,1	127,6	51 600	51 600					38,0
40,0	59,1	125,4	44 300	44 300	61,9	126,6	51 200	51 200	65,9	127,9	50 600	50 900	40,0
42,0	56,8	124,1	41 900	41 900	59,7	125,4	50 100	50 100	63,8	126,9	48 300	50 900	42,0
44,0	54,5	122,7	39 700	39 700	57,4	124,1	47 900	47 900	61,6	125,8	45 400	50 900	44,0
46,0	52,1	121,1	37 800	37 800	55,1	122,8	45 300	45 300	59,4	124,6	42 700	49 300	46,0
48,0	49,6	119,5	36 100	36 100	52,7	121,3	43 000	43 000	57,1	123,4	40 300	47 400	48,0
50,0	47,0	117,6	34 600	34 600	50,3	119,6	40 900	40 900	54,8	122,0	38 100	45 600	50,0
52,0	44,3	115,6	33 200	33 200	47,7	117,8	38 900	39 000	52,4	120,5	36 000	43 800	52,0
54,0	41,5	113,4	31 800	31 800	45,0	115,9	36 700	36 700	49,9	118,8	34 100	41 600	54,0
56,0	38,4	110,9	30 200	30 200	42,2	113,7	34 400	34 400	47,4	117,0	32 400	38 900	56,0
58,0	35,2	108,2	28 800	28 800	39,2	111,3	32 300	32 300	44,7	115,0	30 700	36 400	58,0
60,0	31,6	105,1	27 600	27 600	36,0	108,6	30 400	30 400	41,8	112,8	29 200	34 200	60,0
62,0	27,7	101,4	26 400	26 400	32,6	105,6	28 600	28 600	38,8	110,4	27 800	32 100	62,0
64,0	23,1	97,1	24 900	24 900	28,8	102,1	26 900	26 900	35,6	107,7	26 400	30 200	64,0
66,0	17,3	91,4	23 200	23 200	24,4	98,0	25 300	25 300	32,1	104,6	25 200	28 400	66,0
68,0					19,0	92,7	23 900	23 900	28,2	101,1	24 000	26 800	68,0
70,0					11,3	84,9	21 600	21 600	23,7	96,8	22 800	25 200	70,0
72,0									18,2	91,3	21 700	23 700	72,0
74,0									9,8	82,8	20 600	21 400	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-2

ASME B30.5



175 100 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													48,0
50,0	61,8	124,5	32 600	46 700									50,0
52,0	59,6	123,3	30 800	44 400									52,0
54,0	57,3	122,1	29 100	42 200									54,0
56,0	55,0	120,7	27 500	40 200									56,0
58,0	52,6	119,2	26 100	38 400									58,0
60,0	50,1	117,5	24 700	36 700	57,3	120,1	20 300	33 200					60,0
62,0	47,6	115,7	23 400	35 100	55,0	118,7	19 100	31 800					62,0
64,0	44,9	113,8	22 200	33 600	52,6	117,2	18 100	30 400					64,0
66,0	42,1	111,6	21 100	32 100	50,2	115,6	17 100	29 100					66,0
68,0	39,1	109,2	20 000	30 800	47,6	113,8	16 200	27 800					68,0
70,0	35,9	106,5	19 000	29 600	44,9	111,8	15 300	26 700					70,0
72,0	32,4	103,4	18 100	28 400	42,1	109,6	14 500	25 600	49,9	113,0	10 900	22 900	72,0
74,0	28,6	99,9	17 200	27 000	39,1	107,2	13 700	24 600	47,4	111,1	10 200	21 900	74,0
76,0	24,1	95,7	16 300	25 400	35,9	104,6	12 900	23 600	44,7	109,2	9 600	21 000	76,0
78,0	18,7	90,4	15 500	23 900	32,4	101,5	12 200	22 700	41,8	107,0	8 900	20 200	78,0
80,0	10,7	82,3	14 600	22 500	28,6	98,0	11 500	21 800	38,8	104,5	8 300	19 400	80,0
82,0					24,2	93,8	10 800	20 900	35,6	101,8	7 800	18 600	82,0
84,0					18,7	88,5	10 200	20 100	32,1	98,8	7 200	17 900	84,0
86,0					10,8	80,5	9 500	19 300	28,2	95,2	6 700	17 100	86,0
88,0									23,7	90,9	6 200	16 500	88,0
90,0									18,2	85,5	5 700	15 800	90,0

MLC300 VPC-MAX S-2

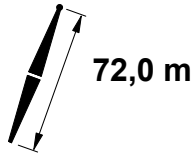
ASME B30.5



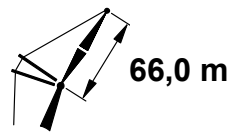
175 100 kg



360°



72,0 m



66,0 m

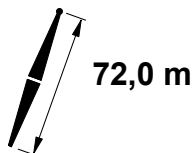
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	72,7	137,0	45 600	45 600									29,0
30,0	71,7	136,7	45 500	45 500									30,0
32,0	69,8	136,0	45 300	45 300									32,0
34,0	68,0	135,2	45 100	45 100	70,3	135,9	45 200	45 200					34,0
36,0	66,1	134,3	44 800	44 800	68,5	135,1	45 200	45 200					36,0
38,0	64,2	133,3	44 200	44 200	66,6	134,2	45 200	45 200					38,0
40,0	62,2	132,3	42 600	42 600	64,7	133,3	45 000	45 000	68,2	134,4	44 000	44 000	40,0
42,0	60,2	131,1	40 800	40 800	62,7	132,3	44 800	44 800	66,3	133,5	44 000	44 000	42,0
44,0	58,2	129,9	39 000	39 000	60,7	131,2	44 600	44 600	64,4	132,6	44 000	44 000	44,0
46,0	56,1	128,6	37 300	37 300	58,7	129,9	43 300	43 300	62,5	131,5	41 700	44 000	46,0
48,0	53,9	127,1	35 500	35 500	56,6	128,6	41 600	41 600	60,5	130,4	39 300	44 000	48,0
50,0	51,7	125,6	33 900	33 900	54,5	127,2	39 800	39 800	58,4	129,2	37 100	43 300	50,0
52,0	49,5	123,9	32 300	32 300	52,3	125,7	38 100	38 100	56,3	127,9	35 100	41 800	52,0
54,0	47,1	122,1	30 700	30 700	50,1	124,1	36 200	36 200	54,2	126,5	33 200	40 200	54,0
56,0	44,7	120,1	29 300	29 300	47,7	122,3	34 000	34 000	52,0	124,9	31 500	38 400	56,0
58,0	42,1	117,9	27 900	27 900	45,3	120,3	31 900	31 900	49,8	123,2	29 800	36 000	58,0
60,0	39,4	115,5	26 700	26 700	42,8	118,2	30 000	30 000	47,4	121,4	28 300	33 800	60,0
62,0	36,5	112,9	25 500	25 500	40,1	115,9	28 200	28 200	45,0	119,5	26 900	31 700	62,0
64,0	33,4	109,9	24 400	24 400	37,3	113,3	26 500	26 500	42,4	117,3	25 600	29 800	64,0
66,0	30,1	106,6	22 800	22 800	34,3	110,4	25 000	25 000	39,8	115,0	24 300	28 000	66,0
68,0	26,3	102,8	21 300	21 300	31,0	107,2	23 500	23 500	36,9	112,4	23 100	26 400	68,0
70,0	21,9	98,1	19 800	19 800	27,3	103,5	21 900	21 900	33,9	109,5	22 000	24 900	70,0
72,0	16,4	92,1	18 300	18 300	23,1	99,1	20 300	20 300	30,5	106,2	21 000	23 400	72,0
74,0					18,0	93,6	18 900	18 900	26,8	102,4	20 000	22 000	74,0
76,0					10,6	85,3	17 400	17 400	22,5	97,9	19 000	20 400	76,0
78,0									17,2	92,1	18 100	18 900	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-2

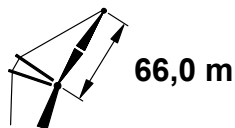
ASME B30.5



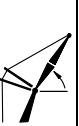
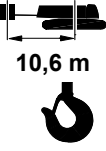
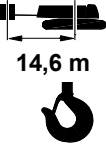
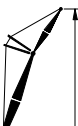
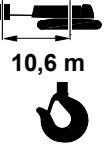
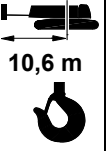
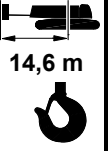
175 100 kg



72,0 m



66,0 m

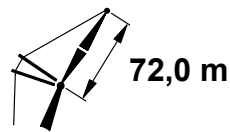
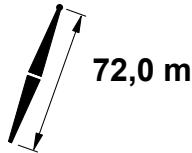
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 m	
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0	62,6	130,2	29 700	41 300										52,0
54,0	60,6	129,1	28 000	41 000										54,0
56,0	58,6	127,9	26 500	39 500										56,0
58,0	56,5	126,6	25 000	37 600										58,0
60,0	54,4	125,1	23 700	35 900										60,0
62,0	52,2	123,6	22 400	34 300										62,0
64,0	49,9	122,0	21 200	32 800	56,5	124,6	17 000	29 500						64,0
66,0	47,6	120,2	20 100	31 400	54,4	123,2	16 000	28 300						66,0
68,0	45,2	118,2	19 100	30 100	52,2	121,7	15 100	27 000						68,0
70,0	42,6	116,1	18 100	28 900	50,0	120,0	14 200	25 900						70,0
72,0	40,0	113,7	17 200	27 700	47,6	118,2	13 400	24 800						72,0
74,0	37,1	111,2	16 300	26 500	45,2	116,3	12 600	23 800	52,0	119,1	9 100	21 100		74,0
76,0	34,1	108,3	15 400	25 100	42,7	114,1	11 900	22 800	49,8	117,4	8 500	20 200		76,0
78,0	30,8	105,1	14 600	23 600	40,0	111,8	11 200	21 900	47,4	115,6	7 800	19 400		78,0
80,0	27,1	101,3	13 900	22 300	37,2	109,2	10 500	21 100	45,0	113,6	7 300	18 600		80,0
82,0	22,9	96,9	13 100	20 900	34,1	106,4	9 900	20 200	42,4	111,5	6 700	17 800		82,0
84,0	17,7	91,3	12 400	19 400	30,8	103,1	9 300	19 400	39,7	109,1	6 200	17 100		84,0
86,0	10,1	82,7	11 700	18 000	27,1	99,4	8 700	18 700	36,9	106,5	5 700	16 400		86,0
88,0					22,9	95,0	8 100	18 000	33,8	103,6	5 200	15 700		88,0
90,0					17,7	89,3	7 600	17 300	30,5	100,3		15 100		90,0
92,0									26,8	96,6		14 500		92,0
94,0									22,5	92,0		13 900		94,0
96,0									17,2	86,3		13 300		96,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



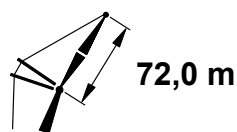
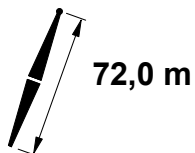
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
30,5	72,9	142,9	40 100	40 100									30,5
32,0	71,6	142,3	40 000	40 000									32,0
34,0	69,9	141,6	39 800	39 800									34,0
36,0	68,2	140,8	39 600	39 600	70,3	141,5	39 700	39 700					36,0
38,0	66,5	140,0	39 300	39 300	68,6	140,7	39 600	39 600					38,0
40,0	64,7	139,0	39 100	39 100	66,9	139,9	39 500	39 500					40,0
42,0	62,9	138,0	38 300	38 300	65,2	139,0	39 400	39 400					42,0
44,0	61,1	136,9	36 800	36 800	63,4	138,0	39 300	39 300	66,7	139,2	38 500	38 500	44,0
46,0	59,3	135,7	35 300	35 300	61,6	136,9	39 100	39 100	64,9	138,3	38 500	38 500	46,0
48,0	57,4	134,5	33 900	33 900	59,7	135,8	38 800	38 800	63,2	137,3	38 300	38 500	48,0
50,0	55,4	133,1	32 400	32 400	57,9	134,5	37 700	37 700	61,3	136,2	36 700	38 500	50,0
52,0	53,5	131,6	31 000	31 000	55,9	133,2	36 300	36 300	59,5	135,0	34 700	38 500	52,0
54,0	51,4	130,1	29 700	29 700	54,0	131,7	34 900	34 900	57,6	133,8	32 800	38 500	54,0
56,0	49,4	128,4	28 300	28 300	52,0	130,2	33 500	33 500	55,7	132,4	31 100	37 600	56,0
58,0	47,2	126,5	27 100	27 100	49,9	128,5	31 800	31 800	53,7	131,0	29 500	35 900	58,0
60,0	45,0	124,6	25 900	25 900	47,8	126,7	29 800	29 800	51,7	129,4	28 000	33 600	60,0
62,0	42,6	122,4	24 700	24 700	45,6	124,8	28 100	28 100	49,6	127,7	26 600	31 600	62,0
64,0	40,2	120,1	23 700	23 700	43,2	122,7	26 400	26 400	47,5	125,9	25 200	29 600	64,0
66,0	37,6	117,6	22 700	22 700	40,8	120,4	24 900	24 900	45,3	124,0	24 000	27 900	66,0
68,0	34,9	114,8	21 700	21 700	38,3	118,0	23 500	23 500	42,9	121,8	22 800	26 300	68,0
70,0	32,0	111,7	20 400	20 400	35,6	115,2	22 200	22 200	40,5	119,5	21 700	24 800	70,0
72,0	28,7	108,2	18 900	18 900	32,7	112,2	20 900	20 900	38,0	117,0	20 700	23 400	72,0
74,0	25,1	104,1	17 500	17 500	29,6	108,8	19 500	19 500	35,3	114,3	19 700	22 000	74,0
76,0	21,0	99,2	16 200	16 200	26,1	104,9	18 100	18 100	32,3	111,2	18 800	20 800	76,0
78,0	15,7	93,0	15 000	15 000	22,1	100,3	16 700	16 700	29,2	107,8	17 900	19 600	78,0
80,0					17,2	94,5	15 500	15 500	25,6	103,8	17 000	18 200	80,0
82,0					10,1	85,8	14 200	14 200	21,5	99,1	16 200	16 800	82,0
84,0									16,5	93,0	15 400	15 500	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

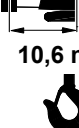
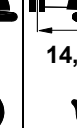
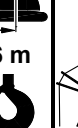
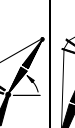
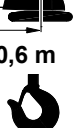
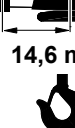
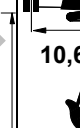
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



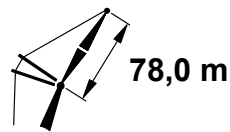
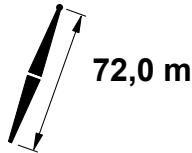
 m	 75°				 70°				 65°				 m	
	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg	 °	 m	 10,6 m kg	 14,6 m kg		
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0														44,0
46,0														46,0
48,0														48,0
50,0														50,0
52,0														52,0
54,0	63,3	135,9	27 500	35 500										54,0
56,0	61,5	134,9	26 000	35 500										56,0
58,0	59,6	133,7	24 600	35 500										58,0
60,0	57,8	132,4	23 200	35 300										60,0
62,0	55,9	131,1	22 000	34 000										62,0
64,0	53,9	129,7	20 800	32 500										64,0
66,0	51,9	128,1	19 700	31 100	57,8	130,5	15 500	27 900						66,0
68,0	49,8	126,4	18 700	29 800	55,9	129,2	14 600	26 700						68,0
70,0	47,7	124,6	17 700	28 600	53,9	127,7	13 700	25 600						70,0
72,0	45,4	122,7	16 800	27 400	51,9	126,2	12 900	24 500						72,0
74,0	43,1	120,6	15 900	26 300	49,8	124,5	12 200	23 500						74,0
76,0	40,7	118,3	15 100	25 000	47,7	122,7	11 500	22 500						76,0
78,0	38,2	115,8	14 300	23 500	45,5	120,8	10 800	21 600	51,7	123,5	7 300	19 000		78,0
80,0	35,5	113,1	13 500	22 200	43,2	118,7	10 100	20 800	49,6	121,9	6 800	18 200		80,0
82,0	32,6	110,1	12 800	21 000	40,7	116,4	9 500	19 900	47,5	120,1	6 200	17 500		82,0
84,0	29,4	106,6	12 100	19 800	38,2	113,9	8 900	19 200	45,3	118,1	5 700	16 700		84,0
86,0	25,9	102,7	11 500	18 600	35,5	111,2	8 300	18 400	42,9	116,0	5 200	16 100		86,0
88,0	21,9	98,0	10 800	17 300	32,6	108,1	7 800	17 700	40,5	113,7	4 800	15 400		88,0
90,0	16,9	92,1	10 200	15 900	29,5	104,7	7 200	17 000	38,0	111,2		14 800		90,0
92,0					25,9	100,8	6 700	16 400	35,2	108,4		14 200		92,0
94,0					21,9	96,1	6 200	15 700	32,3	105,4		13 600		94,0
96,0					17,0	90,2	5 700	15 100	29,2	101,9		13 100		96,0
98,0									25,6	97,9		12 500		98,0
100,0									21,5	93,2		12 000		100,0
102,0									16,4	87,1		11 500		102,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,1	148,7	34 800	34 800									32,0
34,0	71,5	148,0	34 700	34 700									34,0
36,0	70,0	147,3	34 500	34 500									36,0
38,0	68,4	146,5	34 300	34 300	70,4	147,2	34 300	34 300					38,0
40,0	66,8	145,6	34 100	34 100	68,8	146,4	34 200	34 200					40,0
42,0	65,2	144,7	33 900	33 900	67,2	145,6	34 100	34 100					42,0
44,0	63,5	143,7	33 600	33 600	65,6	144,7	34 000	34 000					44,0
46,0	61,9	142,7	33 000	33 000	63,9	143,7	33 900	33 900	67,0	144,9	33 100	33 100	46,0
48,0	60,2	141,5	31 800	31 800	62,3	142,7	33 700	33 700	65,4	144,0	33 100	33 100	48,0
50,0	58,5	140,3	30 600	30 600	60,6	141,6	33 500	33 500	63,7	143,0	33 100	33 100	50,0
52,0	56,7	139,0	29 400	29 400	58,9	140,4	33 300	33 300	62,1	141,9	33 000	33 100	52,0
54,0	54,9	137,6	28 200	28 200	57,2	139,1	32 800	32 800	60,4	140,8	32 100	33 100	54,0
56,0	53,1	136,1	27 100	27 100	55,4	137,7	31 300	31 300	58,7	139,6	30 400	33 100	56,0
58,0	51,2	134,6	25 900	25 900	53,6	136,2	29 400	29 400	56,9	138,3	28 800	33 000	58,0
60,0	49,3	132,8	24 600	24 600	51,7	134,7	27 500	27 500	55,1	136,9	27 300	31 500	60,0
62,0	47,3	131,0	22 800	22 800	49,8	133,0	25 500	25 500	53,3	135,5	25 900	29 500	62,0
64,0	45,2	129,1	21 100	21 100	47,8	131,2	23 700	23 700	51,4	133,9	24 600	27 500	64,0
66,0	43,1	127,0	19 400	19 400	45,8	129,3	21 800	21 800	49,5	132,2	23 300	25 700	66,0
68,0	40,9	124,7	17 700	17 700	43,7	127,2	20 100	20 100	47,5	130,4	22 200	23 900	68,0
70,0	38,5	122,2	16 200	16 200	41,5	125,0	18 400	18 400	45,5	128,5	21 100	22 000	70,0
72,0	36,1	119,5	14 700	14 700	39,2	122,6	16 800	16 800	43,4	126,4	20 000	20 300	72,0
74,0	33,5	116,6	13 300	13 300	36,7	120,0	15 300	15 300	41,2	124,1	18 600	18 600	74,0
76,0	30,6	113,3	11 900	11 900	34,2	117,1	13 800	13 800	38,9	121,7	16 900	16 900	76,0
78,0	27,6	109,6	10 600	10 600	31,4	113,9	12 400	12 400	36,4	119,0	15 400	15 400	78,0
80,0	24,1	105,4	9 300	9 300	28,4	110,3	11 100	11 100	33,8	116,1	13 900	13 900	80,0
82,0	20,1	100,3	8 000	8 000	25,0	106,3	9 800	9 800	31,0	112,9	12 500	12 500	82,0
84,0	15,1	93,7	6 700	6 700	21,2	101,4	8 500	8 500	28,0	109,3	11 200	11 200	84,0
86,0					16,5	95,3	7 200	7 200	24,6	105,1	9 800	9 800	86,0
88,0					9,7	86,3	5 900	5 900	20,7	100,1	8 500	8 500	88,0
90,0									15,8	93,8	7 200	7 200	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
104,0													104,0
106,0													106,0
108,0													108,0

MLC300 VPC-MAX S-2

ASME B30.5



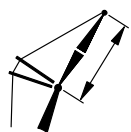
175 100 kg



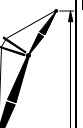
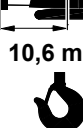
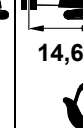
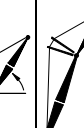
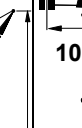
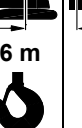
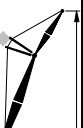
360°



72,0 m



78,0 m

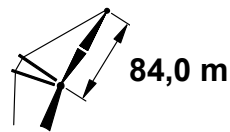
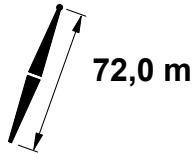
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	62,2	140,6	23 800	30 500								58,0
60,0	60,5	139,5	22 400	30 500								60,0
62,0	58,8	138,3	21 200	30 500								62,0
64,0	57,1	137,0	20 000	30 500								64,0
66,0	55,3	135,6	18 900	30 300								66,0
68,0	53,5	134,2	17 900	29 300								68,0
70,0	51,6	132,6	17 000	28 000	57,1	135,1	12 900	24 900				70,0
72,0	49,7	130,9	16 000	26 200	55,3	133,7	12 100	23 900				72,0
74,0	47,7	129,1	15 200	24 400	53,5	132,2	11 400	22 900				74,0
76,0	45,7	127,2	14 400	22 700	51,6	130,7	10 700	21 900				76,0
78,0	43,6	125,1	13 600	20 900	49,7	129,0	10 000	21 000				78,0
80,0	41,3	122,9	12 800	19 100	47,7	127,2	9 300	20 200				80,0
82,0	39,0	120,5	12 100	17 500	45,7	125,3	8 700	19 400	51,4	128,0	16 800	82,0
84,0	36,6	117,8	11 500	15 900	43,6	123,2	8 100	18 600	49,5	126,3	16 100	84,0
86,0	34,0	114,9	10 800	14 400	41,4	120,9	7 600	17 900	47,5	124,5	15 500	86,0
88,0	31,3	111,7	10 200	13 000	39,1	118,5	7 000	17 200	45,5	122,6	14 800	88,0
90,0	28,2	108,1	9 600	11 600	36,6	115,9	6 500	16 200	43,4	120,5	14 200	90,0
92,0	24,9	104,0	9 000	10 300	34,0	113,0	6 000	14 700	41,2	118,3	13 600	92,0
94,0	21,0	99,2	8 500	9 000	31,3	109,8	5 600	13 300	38,8	115,8	13 100	94,0
96,0	16,2	93,0	7 700	7 700	28,3	106,2	5 100	11 900	36,4	113,2	12 500	96,0
98,0					24,9	102,1		10 600	33,8	110,3	12 000	98,0
100,0					21,0	97,2		9 300	31,0	107,0	11 500	100,0
102,0					16,3	91,1		8 000	28,0	103,4	11 000	102,0
104,0									24,6	99,2	10 500	104,0
106,0									20,6	94,3	9 500	106,0
108,0									15,8	88,0	8 200	108,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,2	154,5	30 000	30 000									33,5
34,0	72,9	154,3	29 900	29 900									34,0
36,0	71,4	153,7	29 700	29 700									36,0
38,0	70,0	152,9	29 600	29 600									38,0
40,0	68,5	152,2	29 300	29 300	70,4	152,8	29 300	29 300					40,0
42,0	67,1	151,3	29 100	29 100	68,9	152,1	29 200	29 200					42,0
44,0	65,6	150,4	28 900	28 900	67,4	151,3	29 100	29 100					44,0
46,0	64,0	149,5	28 600	28 600	65,9	150,4	28 900	28 900	68,7	151,4	28 200	28 200	46,0
48,0	62,5	148,4	28 400	28 400	64,4	149,4	28 700	28 700	67,2	150,6	28 200	28 200	48,0
50,0	60,9	147,3	27 900	27 900	62,9	148,4	28 500	28 500	65,8	149,7	28 200	28 200	50,0
52,0	59,4	146,1	27 300	27 300	61,4	147,3	28 300	28 300	64,2	148,7	28 100	28 100	52,0
54,0	57,8	144,9	26 600	26 600	59,8	146,2	27 700	27 700	62,7	147,7	28 100	28 100	54,0
56,0	56,1	143,6	25 700	25 700	58,2	144,9	27 100	27 100	61,2	146,6	28 000	28 000	56,0
58,0	54,4	142,1	24 700	24 700	56,5	143,6	26 600	26 600	59,6	145,4	27 800	27 800	58,0
60,0	52,7	140,6	23 700	23 700	54,9	142,2	26 100	26 100	58,0	144,2	26 800	27 300	60,0
62,0	51,0	139,0	22 800	22 800	53,2	140,7	25 500	25 500	56,3	142,9	25 400	26 700	62,0
64,0	49,2	137,3	21 800	21 800	51,4	139,2	24 100	24 100	54,7	141,5	24 100	26 200	64,0
66,0	47,4	135,5	20 200	20 200	49,7	137,5	22 400	22 400	53,0	140,0	22 900	25 600	66,0
68,0	45,5	133,6	18 800	18 800	47,8	135,7	20 900	20 900	51,2	138,4	21 800	24 200	68,0
70,0	43,5	131,5	17 400	17 400	45,9	133,8	19 400	19 400	49,4	136,7	20 700	22 500	70,0
72,0	41,4	129,3	16 100	16 100	44,0	131,7	18 000	18 000	47,6	134,9	19 700	21 000	72,0
74,0	39,3	126,9	14 800	14 800	42,0	129,6	16 600	16 600	45,7	132,9	18 700	19 500	74,0
76,0	37,1	124,3	13 600	13 600	39,9	127,2	15 300	15 300	43,7	130,9	17 800	18 000	76,0
78,0	34,7	121,4	12 300	12 300	37,7	124,7	14 000	14 000	41,7	128,7	16 600	16 600	78,0
80,0	32,2	118,3	11 100	11 100	35,3	121,9	12 800	12 800	39,6	126,3	15 300	15 300	80,0
82,0	29,5	114,9	10 000	10 000	32,9	118,9	11 600	11 600	37,4	123,7	14 100	14 100	82,0
84,0	26,5	111,1	8 800	8 800	30,2	115,5	10 400	10 400	35,0	120,9	12 900	12 900	84,0
86,0	23,2	106,6	7 600	7 600	27,3	111,8	9 200	9 200	32,5	117,9	11 700	11 700	86,0
88,0	19,4	101,3	6 400	6 400	24,1	107,5	8 000	8 000	29,9	114,5	10 400	10 400	88,0
90,0					20,4	102,5	6 900	6 900	26,9	110,7	9 300	9 300	90,0
92,0					15,9	96,2	5 700	5 700	23,7	106,4	8 100	8 100	92,0
94,0									19,9	101,2	6 900	6 900	94,0
96,0									15,2	94,6	5 800	5 800	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

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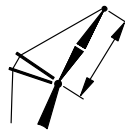
ASME B30.5



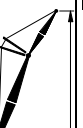
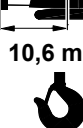
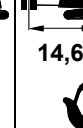
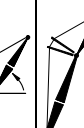
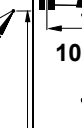
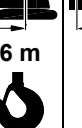
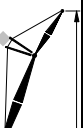
175 100 kg



72,0 m



84,0 m

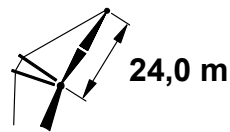
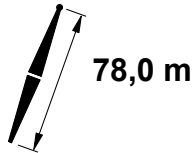
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
33,5												33,5
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0												58,0
60,0	62,8	146,3	21 900	25 900								60,0
62,0	61,3	145,3	20 700	25 900								62,0
64,0	59,7	144,1	19 500	25 900								64,0
66,0	58,1	142,9	18 500	25 900								66,0
68,0	56,5	141,5	17 400	25 900								68,0
70,0	54,8	140,1	16 500	25 900								70,0
72,0	53,1	138,7	15 600	25 700	58,1	140,9	11 600	23 400				72,0
74,0	51,4	137,1	14 700	24 700	56,5	139,6	10 800	22 500				74,0
76,0	49,6	135,4	13 900	23 000	54,8	138,2	10 100	21 600				76,0
78,0	47,7	133,6	13 100	21 400	53,1	136,7	9 500	20 700				78,0
80,0	45,9	131,7	12 400	19 900	51,4	135,1	8 800	19 800				80,0
82,0	43,9	129,6	11 700	18 400	49,6	133,5	8 200	19 000				82,0
84,0	41,9	127,4	11 100	17 000	47,8	131,7	7 700	18 300	53,0	134,1	15 700	84,0
86,0	39,8	125,1	10 400	15 700	45,9	129,7	7 100	17 500	51,2	132,5	15 100	86,0
88,0	37,5	122,5	9 800	14 500	43,9	127,7	6 600	16 800	49,4	130,8	14 400	88,0
90,0	35,2	119,7	9 200	13 300	41,9	125,5	6 100	16 200	47,6	129,0	13 800	90,0
92,0	32,7	116,7	8 700	12 000	39,8	123,1	5 600	15 500	45,7	127,1	13 300	92,0
94,0	30,1	113,4	8 100	10 900	37,6	120,6	5 100	14 700	43,7	125,0	12 700	94,0
96,0	27,2	109,6	7 600	9 700	35,2	117,8	4 700	13 500	41,7	122,8	12 200	96,0
98,0	23,9	105,3	7 100	8 500	32,8	114,8		12 300	39,6	120,4	11 700	98,0
100,0	20,2	100,2	6 600	7 300	30,1	111,4		11 100	37,4	117,9	11 200	100,0
102,0	15,6	93,8	6 100	6 200	27,2	107,7		9 900	35,0	115,1	10 700	102,0
104,0					24,0	103,4		8 800	32,5	112,0	10 200	104,0
106,0					20,2	98,3		7 600	29,8	108,6	9 800	106,0
108,0					15,7	91,9		6 500	26,9	104,8	9 400	108,0
110,0									23,6	100,5	8 900	110,0
112,0									19,9	95,3	7 800	112,0
114,0									15,2	88,8	6 700	114,0

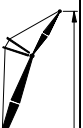
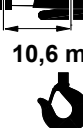
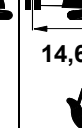
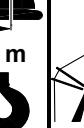
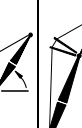
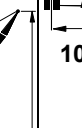
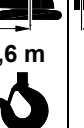
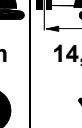
MLC300 VPC-MAX S-2

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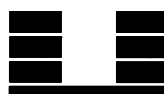
175 100 kg



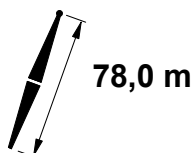
	85°				83°				80°				
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m
16,8	73,1	103,0	98 500 d	98 500 d									16,8
18,0	70,0	102,5	97 900 d	97 900 d									18,0
20,0	64,7	101,6	94 600 c	94 600 c									20,0
22,0	59,2	100,4	86 100 c	86 100 c	66,6	101,7	97 800 d	97 800 d					22,0
24,0	53,3	99,0	78 400 b	78 400 b	61,2	100,6	93 900 c	93 900 c					24,0
26,0	46,9	97,2	72 200	72 200	55,5	99,3	86 500 b	86 500 b	66,8	101,0	94 800 d	96 100 d	26,0
28,0	39,6	94,9	67 300	67 300	49,3	97,6	79 300 b	79 300 b	61,4	100,0	86 700 c	90 500 c	28,0
30,0	30,9	91,9	63 400	63 400	42,4	95,5	73 300	73 300	55,7	98,7	79 600 b	85 000 b	30,0
32,0	18,5	87,1	60 800	60 800	34,3	92,8	68 600	68 600	49,5	97,0	73 500 b	79 600 b	32,0
34,0					23,8	88,9	65 100	65 100	42,6	94,9	68 300	74 400	34,0
36,0									34,6	92,2	63 700	69 300	36,0
38,0									24,2	88,4	59 500	63 900	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-2

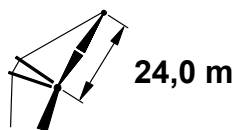
ASME B30.5



175 100 kg



78,0 m



24,0 m

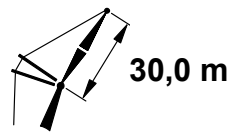
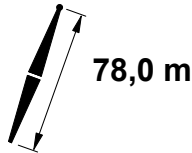
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	57,6	97,6	58 000 b	76 100 b									36,0
38,0	51,6	96,1	54 300 b	71 300 b									38,0
40,0	45,0	94,2	51 000	67 000									40,0
42,0	37,4	91,7	48 000	63 200									42,0
44,0	28,1	88,3	45 200	59 700	53,2	94,4	39 800 b	55 400 b					44,0
46,0					46,8	92,6	37 600	52 500					46,0
48,0					39,5	90,3	35 600	49 800					48,0
50,0					30,7	87,2	33 700	47 300					50,0
52,0									47,8	90,2	27 500	41 600	52,0
54,0									40,7	88,0	26 100	39 600	54,0
56,0									32,2	85,1	24 700	37 800	56,0

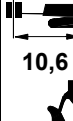
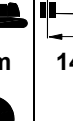
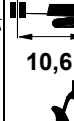
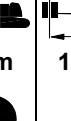
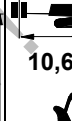
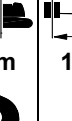
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



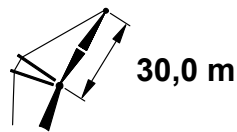
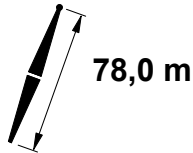
	 85°				 83°				 80°					
 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	
18,3	73,6	108,8	85 000 d	85 000 d										18,3
20,0	70,1	108,2	84 300 c	84 300 c										20,0
22,0	65,9	107,3	82 600 c	82 600 c										22,0
24,0	61,6	106,3	77 300 b	77 300 b	67,4	107,3	84 400 c	84 400 c						24,0
26,0	57,1	105,0	70 900	70 900	63,2	106,4	83 300 b	83 300 b						26,0
28,0	52,3	103,5	65 600	65 600	58,7	105,2	79 100 b	79 100 b	67,6	106,7	83 600 c	84 200 c		28,0
30,0	47,2	101,7	61 200	61 200	54,1	103,8	72 700	72 700	63,3	105,7	79 100 b	81 900 b		30,0
32,0	41,5	99,5	57 500	57 500	49,1	102,1	67 400	67 400	58,9	104,6	73 000	77 500		32,0
34,0	35,1	96,8	54 500	54 500	43,6	100,1	63 100	63 100	54,2	103,2	67 800	73 200		34,0
36,0	27,4	93,3	52 200	52 200	37,6	97,6	59 400	59 400	49,2	101,5	63 300	69 000		36,0
38,0	16,4	87,9	50 900	50 900	30,4	94,4	56 500	56 500	43,8	99,5	59 200	65 000		38,0
40,0					21,1	90,0	54 200	54 200	37,8	97,0	55 500	61 100		40,0
42,0									30,7	93,9	52 300	57 100		42,0
44,0									21,4	89,5	49 200	53 000		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

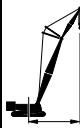
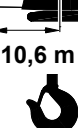
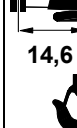
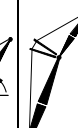
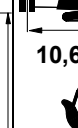
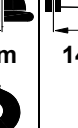
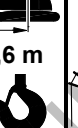
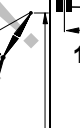
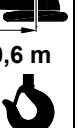
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



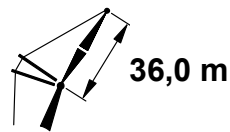
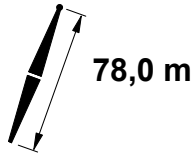
	 75°				 70°				 65°					
														
	m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
18,3														18,3
20,0														20,0
22,0														22,0
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0	60,4	103,5	53 500 b	70 700 b										40,0
42,0	55,8	102,1	50 300	66 500										42,0
44,0	50,9	100,5	47 300	62 700										44,0
46,0	45,7	98,7	44 700	59 200										46,0
48,0	39,9	96,4	42 200	56 100	57,0	100,4	36 700	51 800						48,0
50,0	33,2	93,5	40 000	53 200	52,2	98,9	34 800	49 200						50,0
52,0	24,9	89,6	37 900	50 200	47,1	97,1	32 900	46 800						52,0
54,0					41,4	94,9	31 300	44 500						54,0
56,0					35,0	92,2	29 700	42 500						56,0
58,0					27,2	88,7	28 200	40 500	47,9	94,7	23 900	37 200		58,0
60,0									42,3	92,6	22 700	35 600		60,0
62,0									36,0	90,0	21 600	34 100		62,0
64,0									28,6	86,6	20 500	32 600		64,0
									18,2	81,6	19 500	31 200		64,0

MLC300 VPC-MAX S-2

ASME B30.5



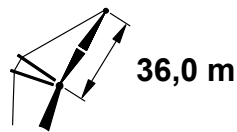
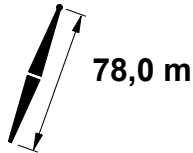
175 100 kg

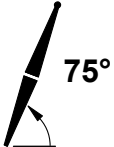
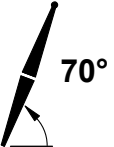
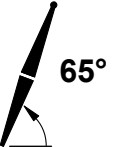
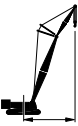
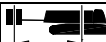
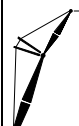
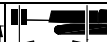
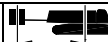
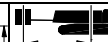
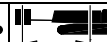


	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
19,8	73,9	114,6	75 200 c	75 200 c									19,8
20,0	73,5	114,6	75 100 c	75 100 c									20,0
22,0	70,2	113,9	74 400 b	74 400 b									22,0
24,0	66,7	113,0	73 300	73 300									24,0
26,0	63,2	112,0	69 700	69 700	68,0	113,0	74 700 b	74 700 b					26,0
28,0	59,5	110,9	64 400	64 400	64,5	112,1	73 800	73 800					28,0
30,0	55,7	109,5	59 800	59 800	60,8	111,0	71 600	71 600					30,0
32,0	51,6	108,0	55 900	55 900	57,1	109,7	66 800	66 800	64,6	111,5	71 800	73 600	32,0
34,0	47,4	106,2	52 600	52 600	53,1	108,2	62 200	62 200	60,9	110,4	66 600	70 000	34,0
36,0	42,7	104,1	49 800	49 800	48,9	106,5	58 200	58 200	57,2	109,1	62 100	66 500	36,0
38,0	37,7	101,6	47 400	47 400	44,5	104,6	54 900	54 900	53,2	107,7	58 000	63 000	38,0
40,0	31,9	98,6	45 500	45 500	39,6	102,2	52 100	52 100	49,1	106,0	54 400	59 700	40,0
42,0	24,9	94,6	44 100	44 100	34,1	99,4	49 700	49 700	44,6	104,0	51 200	56 500	42,0
44,0	14,8	88,7	43 400	43 400	27,6	95,9	47 800	47 800	39,7	101,7	48 300	53 400	44,0
46,0					19,1	90,9	45 700	45 700	34,2	98,9	45 600	50 300	46,0
48,0									27,8	95,4	43 200	47 200	48,0
50,0									19,4	90,5	40 900	44 000	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0

MLC300 VPC-MAX S-2

ASME B30.5



	 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	
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	62,2		109,2	48 400	65 100										42,0
44,0	58,4		108,0	45 500	61 300										44,0
46,0	54,6		106,6	42 900	57 900										46,0
48,0	50,5		105,0	40 500	54 900										48,0
50,0	46,1		103,2	38 300	52 000										50,0
52,0	41,4		101,0	36 300	49 500	55,6	104,9	31 100	45 400						52,0
54,0	36,2		98,3	34 400	47 100	51,5	103,3	29 400	43 200						54,0
56,0	30,1		95,1	32 700	44 600	47,3	101,5	27 900	41 200						56,0
58,0	22,6		90,8	31 100	41 700	42,7	99,4	26 500	39 300						58,0
60,0						37,6	97,0	25 200	37 500	52,2	100,9	20 800	34 200		60,0
62,0						31,8	93,9	23 900	35 900	47,9	99,2	19 800	32 700		62,0
64,0						24,7	90,0	22 700	34 400	43,4	97,1	18 700	31 300		64,0
66,0						14,6	83,9	21 600	32 900	38,4	94,7	17 800	30 000		66,0
68,0										32,7	91,7	16 900	28 800		68,0
70,0										25,9	88,0	16 000	27 600		70,0
										16,5	82,4	15 100	26 400		

MLC300 VPC-MAX S-2

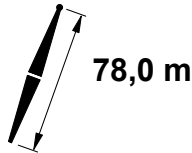
ASME B30.5



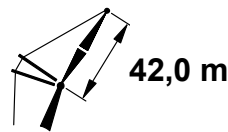
175 100 kg



360°



78,0 m



42,0 m

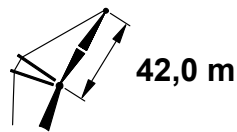
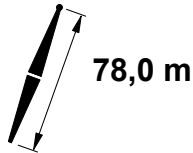
	85°				83°				80°				
m	o	m	kg	kg	o	m	kg	kg	o	m	kg	kg	m
22,9	71,9	119,9	65 300 b	65 300 b									22,9
24,0	70,2	119,5	65 000	65 000									24,0
26,0	67,3	118,7	64 200	64 200	71,3	119,5	65 400 b	65 400 b					26,0
28,0	64,3	117,7	62 800	62 800	68,3	118,7	65 200	65 200					28,0
30,0	61,2	116,7	59 200	59 200	65,4	117,8	64 600	64 600					30,0
32,0	57,9	115,4	55 200	55 200	62,3	116,8	63 900	63 900	68,4	118,1	64 600	64 600	32,0
34,0	54,6	114,0	51 800	51 800	59,1	115,6	62 000	62 000	65,4	117,2	64 300	64 600	34,0
36,0	51,1	112,5	48 800	48 800	55,8	114,2	58 000	58 000	62,4	116,1	61 500	63 400	36,0
38,0	47,5	110,7	46 200	46 200	52,4	112,7	54 400	54 400	59,2	115,0	57 500	60 700	38,0
40,0	43,6	108,6	44 000	44 000	48,8	111,0	51 300	51 300	55,9	113,6	53 900	57 800	40,0
42,0	39,4	106,3	42 100	42 100	45,0	109,1	48 700	48 700	52,5	112,1	50 700	55 100	42,0
44,0	34,7	103,5	40 400	40 400	40,9	106,8	45 900	45 900	48,9	110,4	47 800	52 400	44,0
46,0	29,4	100,1	39 000	39 000	36,4	104,2	43 200	43 200	45,1	108,5	45 200	49 500	46,0
48,0	22,9	95,9	37 200	37 200	31,4	101,1	40 600	40 600	41,0	106,3	42 800	46 500	48,0
50,0	13,6	89,4	35 200	35 200	25,4	97,2	38 300	38 300	36,6	103,7	40 600	43 700	50,0
52,0					17,6	91,8	36 100	36 100	31,6	100,6	38 600	41 100	52,0
54,0									25,6	96,7	36 700	38 700	54,0
56,0									17,9	91,4	34 900	36 500	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

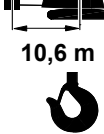
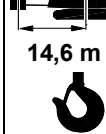
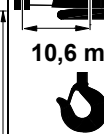
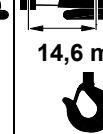
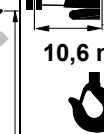
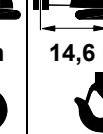
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



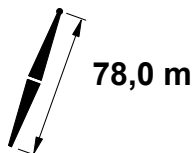
	 75°				 70°				 65°					
				 10,6 m	 14,6 m			 10,6 m	 14,6 m			 10,6 m	 14,6 m	
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m	
22,9														22,9
24,0														24,0
26,0														26,0
28,0														28,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														42,0
44,0	60,3	113,9	42 000	57 200										44,0
46,0	57,0	112,6	39 700	54 200										46,0
48,0	53,7	111,1	37 500	51 500										48,0
50,0	50,2	109,5	35 600	48 900										50,0
52,0	46,4	107,6	33 700	46 600	57,9	110,8	28 500	42 500						52,0
54,0	42,5	105,5	32 000	44 400	54,6	109,4	27 000	40 500						54,0
56,0	38,1	103,1	30 400	42 300	51,1	107,8	25 700	38 700						56,0
58,0	33,3	100,2	29 000	40 000	47,4	106,0	24 400	37 000						58,0
60,0	27,8	96,6	27 600	37 700	43,5	104,0	23 200	35 400						60,0
62,0	20,8	91,9	26 200	35 300	39,3	101,6	22 000	33 900	51,6	105,4	17 900	30 600	62,0	
64,0	9,5	83,9	24 900	32 700	34,6	98,8	20 900	32 500	48,0	103,6	16 900	29 400	64,0	
66,0					29,3	95,5	19 900	31 100	44,1	101,6	16 100	28 200	66,0	
68,0					22,8	91,2	19 000	29 900	39,9	99,3	15 200	27 000	68,0	
70,0					13,4	84,6	18 000	28 700	35,3	96,6	14 500	25 900	70,0	
72,0									30,1	93,4	13 700	24 900	72,0	
74,0									23,9	89,2	13 000	23 900	74,0	
76,0									15,2	83,2	12 200	23 000	76,0	

MLC300 VPC-MAX S-2

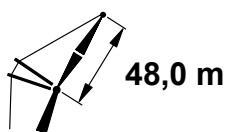
ASME B30.5



175 100 kg



78,0 m



48,0 m

	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4	72,3	125,8	58 300	58 300									24,4
26,0	70,3	125,2	57 900	57 900									26,0
28,0	67,7	124,4	57 300	57 300	71,2	125,1	58 200	58 200					28,0
30,0	65,1	123,5	56 500	56 500	68,6	124,4	58 100	58 100					30,0
32,0	62,4	122,4	54 100	54 100	66,0	123,5	57 700	57 700					32,0
34,0	59,6	121,3	50 700	50 700	63,4	122,5	57 100	57 100					34,0
36,0	56,8	120,0	47 700	47 700	60,6	121,4	56 200	56 200	66,1	122,9	57 500	57 500	36,0
38,0	53,8	118,5	45 000	45 000	57,8	120,1	53 700	53 700	63,4	121,9	56 100	57 500	38,0
40,0	50,8	116,9	42 700	42 700	54,9	118,8	50 600	50 600	60,7	120,8	52 700	55 300	40,0
42,0	47,6	115,1	40 600	40 600	51,9	117,2	47 800	47 800	57,9	119,5	49 500	52 900	42,0
44,0	44,2	113,1	38 800	38 800	48,8	115,5	45 300	45 300	55,0	118,2	46 600	50 500	44,0
46,0	40,6	110,9	37 300	37 300	45,4	113,6	43 200	43 200	52,0	116,6	44 000	48 200	46,0
48,0	36,7	108,3	35 900	35 900	41,9	111,4	41 300	41 300	48,8	114,9	41 600	46 000	48,0
50,0	32,3	105,2	34 500	34 500	38,1	108,9	39 600	39 600	45,5	113,0	39 500	43 800	50,0
52,0	27,4	101,6	33 000	33 000	34,0	106,1	38 200	38 200	42,0	110,8	37 400	41 700	52,0
54,0	21,4	97,0	31 900	31 900	29,3	102,7	36 700	36 700	38,2	108,4	35 500	39 600	54,0
56,0	12,7	90,0	30 900	30 900	23,7	98,5	34 800	34 800	34,1	105,5	33 800	37 600	56,0
58,0					16,4	92,7	32 600	32 600	29,4	102,2	32 100	35 500	58,0
60,0									23,9	98,0	30 600	33 500	60,0
62,0									16,6	92,3	29 100	31 300	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-2

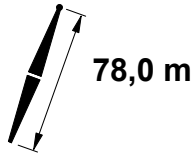
ASME B30.5



175 100 kg



360°



78,0 m



48,0 m

	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,6	119,6	37 800	52 100									46,0
48,0	58,8	118,4	35 700	49 900									48,0
50,0	56,0	117,1	33 700	47 600									50,0
52,0	53,0	115,6	31 900	45 200									52,0
54,0	49,9	114,0	30 300	43 100									54,0
56,0	46,7	112,1	28 700	41 100	56,7	115,4	23 700	37 300					56,0
58,0	43,2	110,1	27 300	39 300	53,8	113,9	22 500	35 600					58,0
60,0	39,5	107,7	25 900	37 400	50,7	112,3	21 300	34 000					60,0
62,0	35,5	105,0	24 700	35 400	47,5	110,5	20 200	32 500					62,0
64,0	31,1	101,8	23 400	33 500	44,1	108,5	19 200	31 100					64,0
66,0	25,9	98,0	22 300	31 600	40,5	106,2	18 200	29 900	51,2	109,9	14 100	26 700	66,0
68,0	19,4	92,9	21 200	29 600	36,6	103,6	17 300	28 600	48,0	108,1	13 300	25 600	68,0
70,0	8,8	84,3	20 100	27 400	32,3	100,6	16 400	27 500	44,7	106,1	12 600	24 600	70,0
72,0					27,3	96,9	15 500	26 400	41,1	103,9	11 900	23 600	72,0
74,0					21,2	92,3	14 700	25 300	37,2	101,4	11 200	22 600	74,0
76,0					12,5	85,2	13 900	24 300	32,9	98,4	10 600	21 700	76,0
78,0									28,1	94,9	9 900	20 900	78,0
80,0									22,3	90,4	9 300	20 100	80,0
82,0									14,2	83,9	8 700	19 300	82,0

MLC300 VPC-MAX S-2

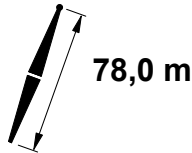
ASME B30.5



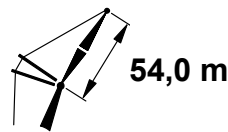
175 100 kg



360°



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	51 500	51 500									25,9
26,0	72,5	131,5	51 500	51 500									26,0
28,0	70,3	130,8	51 200	51 200									28,0
30,0	68,0	130,0	50 800	50 800									30,0
32,0	65,7	129,2	50 200	50 200	68,8	130,0	51 300	51 300					32,0
34,0	63,3	128,2	49 200	49 200	66,5	129,2	51 000	51 000					34,0
36,0	60,9	127,1	46 300	46 300	64,2	128,2	50 500	50 500					36,0
38,0	58,4	125,8	43 100	43 100	61,8	127,2	47 900	47 900	66,6	128,6	50 300	50 300	38,0
40,0	55,9	124,5	40 000	40 000	59,3	126,0	44 500	44 500	64,2	127,6	50 200	50 200	40,0
42,0	53,2	123,0	37 300	37 300	56,8	124,7	41 400	41 400	61,8	126,6	48 200	48 200	42,0
44,0	50,5	121,4	34 700	34 700	54,2	123,3	38 500	38 500	59,4	125,4	44 900	44 900	44,0
46,0	47,7	119,6	32 200	32 200	51,5	121,7	35 800	35 800	56,9	124,1	41 800	41 800	46,0
48,0	44,7	117,6	30 000	30 000	48,7	120,0	33 300	33 300	54,3	122,7	38 900	38 900	48,0
50,0	41,5	115,4	27 900	27 900	45,8	118,1	31 000	31 000	51,6	121,1	36 100	36 100	50,0
52,0	38,1	113,0	26 000	26 000	42,7	115,9	28 800	28 800	48,8	119,4	33 600	33 600	52,0
54,0	34,5	110,1	24 200	24 200	39,4	113,6	26 800	26 800	45,8	117,5	31 300	31 300	54,0
56,0	30,4	106,9	22 500	22 500	35,8	110,9	24 900	24 900	42,8	115,4	29 100	29 100	56,0
58,0	25,8	103,0	20 900	20 900	31,9	107,8	23 200	23 200	39,5	113,0	27 000	27 000	58,0
60,0	20,1	98,0	19 500	19 500	27,5	104,2	21 600	21 600	35,9	110,3	25 200	25 200	60,0
62,0	11,9	90,6	18 100	18 100	22,3	99,7	20 100	20 100	32,0	107,3	23 400	23 400	62,0
64,0					15,4	93,5	18 700	18 700	27,7	103,6	21 700	21 700	64,0
66,0									22,5	99,2	20 200	20 200	66,0
68,0									15,7	93,1	18 800	18 800	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
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84,0													84,0
86,0													86,0
88,0													88,0

MLC300 VPC-MAX S-2

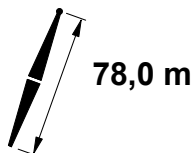
ASME B30.5



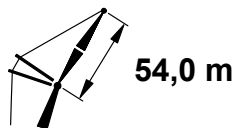
175 100 kg



360°



78,0 m



54,0 m

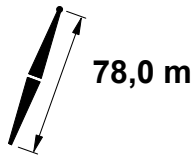
	75°				70°				65°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0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

MLC300 VPC-MAX S-2

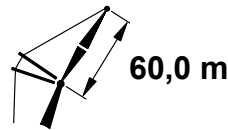
ASME B30.5



175 100 kg



78,0 m



60,0 m

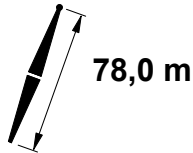
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4	72,9	137,4	45 600	45 600									27,4
28,0	72,3	137,2	45 500	45 500									28,0
30,0	70,3	136,5	45 200	45 200									30,0
32,0	68,3	135,7	44 900	44 900	71,1	136,4	45 400	45 400					32,0
34,0	66,2	134,8	44 400	44 400	69,0	135,7	45 300	45 300					34,0
36,0	64,1	133,9	43 900	43 900	66,9	134,9	45 200	45 200					36,0
38,0	61,9	132,8	42 400	42 400	64,8	133,9	44 900	44 900					38,0
40,0	59,7	131,7	40 500	40 500	62,7	132,9	44 500	44 500	67,0	134,2	44 400	44 400	40,0
42,0	57,4	130,4	38 600	38 600	60,5	131,8	44 100	44 100	64,9	133,3	44 400	44 400	42,0
44,0	55,1	129,0	36 800	36 800	58,3	130,6	42 900	42 900	62,8	132,3	43 900	44 400	44,0
46,0	52,7	127,5	35 000	35 000	56,0	129,2	41 000	41 000	60,6	131,2	41 500	44 000	46,0
48,0	50,3	125,9	33 300	33 300	53,6	127,8	39 200	39 200	58,3	130,0	39 100	42 200	48,0
50,0	47,7	124,1	31 600	31 600	51,2	126,2	37 400	37 400	56,0	128,6	37 000	40 500	50,0
52,0	45,0	122,1	30 100	30 100	48,6	124,5	35 700	35 700	53,7	127,2	35 000	38 900	52,0
54,0	42,2	120,0	28 700	28 700	46,0	122,6	34 000	34 000	51,2	125,6	33 100	37 200	54,0
56,0	39,3	117,6	27 300	27 300	43,3	120,5	32 400	32 400	48,7	123,9	31 400	35 600	56,0
58,0	36,1	114,9	26 100	26 100	40,3	118,2	30 900	30 900	46,1	122,0	29 800	34 100	58,0
60,0	32,6	111,9	25 000	25 000	37,2	115,6	29 500	29 500	43,3	119,9	28 300	32 500	60,0
62,0	28,8	108,4	24 000	24 000	33,9	112,7	28 200	28 200	40,4	117,6	26 900	31 000	62,0
64,0	24,4	104,3	23 100	23 100	30,2	109,4	27 000	27 000	37,3	115,0	25 600	29 500	64,0
66,0	19,0	99,0	22 500	22 500	26,0	105,6	25 900	25 900	34,0	112,2	24 300	28 100	66,0
68,0	11,3	91,2	20 700	20 700	21,1	100,8	24 500	24 500	30,3	108,9	23 200	26 600	68,0
70,0					14,6	94,3	23 000	23 000	26,2	105,0	22 100	25 200	70,0
72,0									21,3	100,3	21 000	23 800	72,0
74,0									14,8	93,9	20 000	22 200	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
92,0													92,0
94,0													94,0

MLC300 VPC-MAX S-2

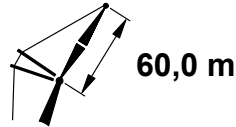
ASME B30.5



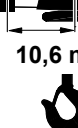
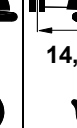
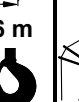
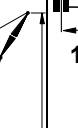
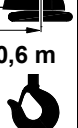
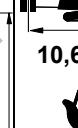
175 100 kg



78,0 m



60,0 m

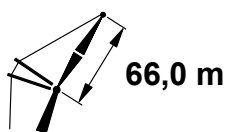
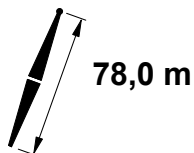
	 75°				 70°				 65°				
													
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0				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

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



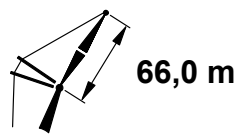
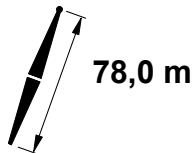
	85°				83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
29,0	73,1	143,2	40 200	40 200									29,0
30,0	72,2	142,8	40 100	40 100									30,0
32,0	70,3	142,1	39 900	39 900									32,0
34,0	68,5	141,4	39 600	39 600	71,0	142,1	39 900	39 900					34,0
36,0	66,6	140,5	39 300	39 300	69,1	141,3	39 900	39 900					36,0
38,0	64,7	139,6	38 900	38 900	67,3	140,5	39 800	39 800					38,0
40,0	62,7	138,5	37 900	37 900	65,4	139,6	39 600	39 600					40,0
42,0	60,7	137,4	36 300	36 300	63,4	138,6	39 300	39 300	67,3	139,9	39 000	39 000	42,0
44,0	58,7	136,2	34 800	34 800	61,4	137,5	39 000	39 000	65,4	139,0	39 000	39 000	44,0
46,0	56,6	134,9	33 300	33 300	59,4	136,4	38 600	38 600	63,5	138,0	39 000	39 000	46,0
48,0	54,5	133,5	31 800	31 800	57,4	135,1	37 100	37 100	61,5	136,9	38 100	39 000	48,0
50,0	52,3	132,0	30 300	30 300	55,3	133,7	35 600	35 600	59,5	135,8	36 000	38 700	50,0
52,0	50,1	130,3	28 900	28 900	53,1	132,2	34 100	34 100	57,4	134,5	34 000	37 400	52,0
54,0	47,7	128,5	27 500	27 500	50,9	130,6	32 600	32 600	55,3	133,1	32 200	35 900	54,0
56,0	45,3	126,6	26 300	26 300	48,6	128,9	31 200	31 200	53,2	131,6	30 400	34 400	56,0
58,0	42,8	124,5	25 100	25 100	46,2	127,0	29 800	29 800	51,0	130,0	28 900	33 000	58,0
60,0	40,1	122,1	24 000	24 000	43,7	124,9	28 500	28 500	48,7	128,3	27 400	31 700	60,0
62,0	37,3	119,6	22 900	22 900	41,1	122,7	27 200	27 200	46,3	126,4	26 000	30 300	62,0
64,0	34,3	116,7	22 000	22 000	38,3	120,2	26 000	26 000	43,8	124,4	24 700	28 900	64,0
66,0	31,0	113,5	21 100	21 100	35,4	117,5	24 900	24 900	41,2	122,1	23 500	27 600	66,0
68,0	27,3	109,8	20 400	20 400	32,2	114,4	23 900	23 900	38,4	119,7	22 300	26 400	68,0
70,0	23,1	105,4	19 700	19 700	28,7	110,9	22 400	22 400	35,5	116,9	21 200	25 100	70,0
72,0	18,0	99,9	18 700	18 700	24,7	106,8	20 900	20 900	32,3	113,9	20 200	23 900	72,0
74,0	10,6	91,6	16 700	16 700	20,0	101,8	19 400	19 400	28,8	110,4	19 200	22 600	74,0
76,0					13,8	94,8	18 000	18 000	24,9	106,3	18 300	21 200	76,0
78,0									20,2	101,3	17 400	19 700	78,0
80,0									14,0	94,5	16 500	18 300	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

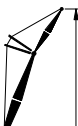
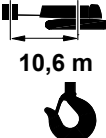
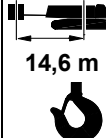
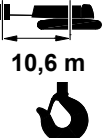
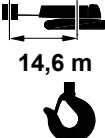
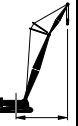
MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



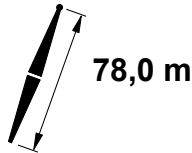
	 75°				 70°				 65°					
 m	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 °	 m	 10,6 m  kg	 14,6 m  kg	 m	
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0														40,0
42,0														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	26 400	36 700										54,0
56,0	60,2	134,6	24 900	36 200										56,0
58,0	58,1	133,4	23 500	35 000										58,0
60,0	56,0	132,1	22 200	33 700										60,0
62,0	53,9	130,6	21 000	32 300										62,0
64,0	51,7	129,1	19 900	31 000	58,7	131,6	15 200	28 200						64,0
66,0	49,4	127,4	18 800	29 700	56,6	130,3	14 300	27 000						66,0
68,0	47,1	125,5	17 800	28 400	54,5	128,9	13 400	25 800						68,0
70,0	44,6	123,5	16 900	27 100	52,3	127,4	12 600	24 700						70,0
72,0	42,1	121,4	16 000	25 900	50,0	125,7	11 800	23 600						72,0
74,0	39,4	119,0	15 100	24 700	47,7	123,9	11 100	22 700						74,0
76,0	36,5	116,3	14 300	23 500	45,3	122,0	10 400	21 700						76,0
78,0	33,4	113,4	13 500	22 300	42,7	119,8	9 700	20 800	50,4	123,3	6 000	18 000		78,0
80,0	30,0	110,1	12 800	21 100	40,1	117,5	9 100	20 000	48,0	121,5	5 500	17 200		80,0
82,0	26,2	106,2	12 100	19 900	37,2	114,9	8 500	19 200	45,6	119,6	5 000	16 500		82,0
84,0	21,8	101,6	11 400	18 800	34,2	112,1	7 900	18 400	43,1	117,5		15 800		84,0
86,0	16,3	95,5	10 700	17 500	30,9	108,9	7 400	17 700	40,5	115,2		15 200		86,0
88,0	7,3	85,3	10 000	16 000	27,3	105,1	6 800	17 000	37,7	112,7		14 500		88,0
90,0					23,0	100,7	6 300	16 300	34,7	109,9		13 900		90,0
92,0					17,9	95,2	5 800	15 700	31,4	106,7		13 400		92,0
94,0					10,4	86,8	5 300	14 600	27,8	103,1		12 800		94,0
96,0									23,7	98,8		12 300		96,0
98,0									18,8	93,4		11 700		98,0
100,0									11,9	85,8		11 200		100,0

MLC300 VPC-MAX S-2

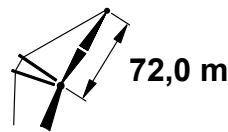
ASME B30.5



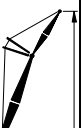
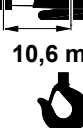
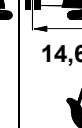
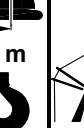
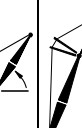
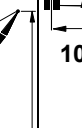
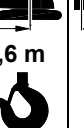
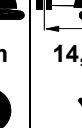
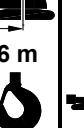
175 100 kg



78,0 m



72,0 m

	85°					83°					80°					
	 m	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 °	 m	 kg	 kg	 m	 m	
30,5	73,3	149,0	35 700	35 700												30,5
32,0	72,0	148,5	35 600	35 600												32,0
34,0	70,4	147,8	35 400	35 400												34,0
36,0	68,6	147,0	35 200	35 200	71,0	147,8	35 400	35 400								36,0
38,0	66,9	146,2	34 900	34 900	69,3	147,0	35 300	35 300								38,0
40,0	65,2	145,3	34 600	34 600	67,5	146,2	35 200	35 200								40,0
42,0	63,4	144,3	34 000	34 000	65,8	145,3	35 100	35 100								42,0
44,0	61,6	143,2	32 800	32 800	64,0	144,3	34 900	34 900	67,6	145,6	34 400	34 400				44,0
46,0	59,7	142,0	31 500	31 500	62,2	143,3	34 700	34 700	65,8	144,7	34 400	34 400				46,0
48,0	57,9	140,8	30 200	30 200	60,4	142,2	34 500	34 500	64,1	143,7	34 400	34 400				48,0
50,0	56,0	139,5	29 000	29 000	58,5	140,9	33 700	33 700	62,3	142,7	34 400	34 400				50,0
52,0	54,0	138,0	27 700	27 700	56,6	139,6	32 500	32 500	60,5	141,5	33 600	34 400				52,0
54,0	52,0	136,5	26 500	26 500	54,7	138,2	31 200	31 200	58,6	140,3	31 700	34 300				54,0
56,0	49,9	134,8	25 300	25 300	52,7	136,7	30 000	30 000	56,7	139,0	30 000	33 500				56,0
58,0	47,8	133,0	24 200	24 200	50,7	135,1	28 700	28 700	54,8	137,6	28 500	32 200				58,0
60,0	45,6	131,1	23 200	23 200	48,6	133,4	27 500	27 500	52,8	136,1	27 000	31 000				60,0
62,0	43,3	129,0	22 200	22 200	46,4	131,5	26 400	26 400	50,7	134,5	25 600	29 800				62,0
64,0	40,9	126,7	21 200	21 200	44,1	129,5	25 300	25 300	48,6	132,8	24 300	28 600				64,0
66,0	38,3	124,2	20 400	20 400	41,7	127,3	24 200	24 200	46,4	130,9	23 100	27 400				66,0
68,0	35,6	121,5	19 500	19 500	39,2	124,9	23 200	23 200	44,2	128,9	22 000	26 200				68,0
70,0	32,7	118,5	18 800	18 800	36,6	122,2	22 300	22 300	41,8	126,7	20 900	25 100				70,0
72,0	29,6	115,1	18 100	18 100	33,8	119,3	21 300	21 300	39,3	124,3	19 900	23 900				72,0
74,0	26,1	111,2	17 500	17 500	30,8	116,1	20 000	20 000	36,7	121,7	18 900	22 700				74,0
76,0	22,1	106,6	16 600	16 600	27,4	112,4	18 600	18 600	33,9	118,8	18 000	21 400				76,0
78,0	17,2	100,8	15 300	15 300	23,6	108,1	17 200	17 200	30,9	115,5	17 100	20 200				78,0
80,0	10,2	92,1	13 700	13 700	19,1	102,8	15 900	15 900	27,5	111,8	16 300	18 900				80,0
82,0					13,2	95,5	14 700	14 700	23,8	107,6	15 500	17 500				82,0
84,0									19,3	102,3	14 700	16 200				84,0
86,0									13,4	95,2	14 000	14 900				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
104,0																104,0
106,0																106,0

MLC300 VPC-MAX S-2

ASME B30.5



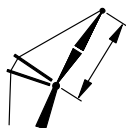
175 100 kg



360°



78,0 m



72,0 m

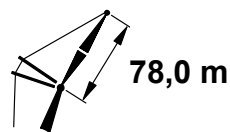
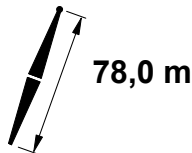
	75°				70°				65°			
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
30,5												30,5
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0	62,9	141,5	24 400	31 900								56,0
58,0	61,1	140,4	23 000	31 900								58,0
60,0	59,2	139,2	21 800	31 900								60,0
62,0	57,3	138,0	20 600	31 300								62,0
64,0	55,4	136,6	19 400	30 200								64,0
66,0	53,4	135,1	18 400	29 100								66,0
68,0	51,4	133,5	17 400	27 900	57,8	136,2	12 900	25 400				68,0
70,0	49,3	131,8	16 400	26 800	55,9	134,8	12 100	24 300				70,0
72,0	47,2	130,0	15 600	25 700	54,0	133,4	11 300	23 300				72,0
74,0	44,9	128,0	14 700	24 600	51,9	131,8	10 600	22 300				74,0
76,0	42,6	125,9	13 900	23 400	49,9	130,2	9 900	21 400				76,0
78,0	40,2	123,6	13 200	22 400	47,7	128,4	9 300	20 500				78,0
80,0	37,6	121,0	12 400	21 300	45,5	126,5	8 700	19 700	52,3	129,4	16 800	80,0
82,0	34,9	118,2	11 800	20 300	43,2	124,4	8 100	18 900	50,2	127,8	16 100	82,0
84,0	31,9	115,1	11 100	19 300	40,8	122,1	7 500	18 100	48,1	126,0	15 500	84,0
86,0	28,7	111,6	10 500	18 300	38,3	119,6	7 000	17 400	45,9	124,1	14 800	86,0
88,0	25,1	107,5	9 900	17 200	35,6	116,9	6 500	16 700	43,6	122,0	14 200	88,0
90,0	20,9	102,7	9 300	16 200	32,7	113,8	6 000	16 100	41,2	119,8	13 600	90,0
92,0	15,6	96,3	8 700	15 100	29,5	110,4	5 500	15 500	38,7	117,3	13 000	92,0
94,0					26,0	106,5	5 000	14 900	36,0	114,6	12 500	94,0
96,0					22,0	101,9	4 600	14 300	33,1	111,7	12 000	96,0
98,0					17,1	96,1		13 600	30,0	108,3	11 500	98,0
100,0					10,0	87,3		12 400	26,6	104,5	11 000	100,0
102,0									22,7	100,0	10 500	102,0
104,0									17,9	94,4	10 000	104,0
106,0									11,3	86,3	9 600	106,0

MLC300 VPC-MAX S-2

ASME B30.5



175 100 kg



85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
32,0	73,5	154,8	31 200	31 200									32,0
34,0	71,9	154,2	31 100	31 100									34,0
36,0	70,4	153,5	30 900	30 900									36,0
38,0	68,8	152,7	30 700	30 700									38,0
40,0	67,2	151,9	30 500	30 500	69,4	152,7	30 700	30 700					40,0
42,0	65,6	151,0	30 200	30 200	67,8	151,9	30 600	30 600					42,0
44,0	64,0	150,0	30 000	30 000	66,2	151,0	30 500	30 500					44,0
46,0	62,3	148,9	29 500	29 500	64,5	150,0	30 300	30 300	67,8	151,2	29 800	29 800	46,0
48,0	60,6	147,8	28 400	28 400	62,9	149,0	30 200	30 200	66,2	150,4	29 800	29 800	48,0
50,0	58,9	146,6	27 300	27 300	61,2	147,9	30 000	30 000	64,6	149,4	29 800	29 800	50,0
52,0	57,2	145,4	26 300	26 300	59,5	146,8	29 800	29 800	62,9	148,4	29 800	29 800	52,0
54,0	55,4	144,0	25 200	25 200	57,8	145,5	29 300	29 300	61,3	147,3	29 800	29 800	54,0
56,0	53,6	142,5	24 200	24 200	56,0	144,2	28 300	28 300	59,6	146,2	29 200	29 800	56,0
58,0	51,7	141,0	23 200	23 200	54,2	142,8	27 300	27 300	57,8	144,9	27 700	29 700	58,0
60,0	49,8	139,3	22 200	22 200	52,4	141,2	25 900	25 900	56,1	143,6	26 300	29 400	60,0
62,0	47,8	137,5	21 300	21 300	50,5	139,6	24 200	24 200	54,3	142,2	24 900	28 200	62,0
64,0	45,8	135,6	20 000	20 000	48,5	137,8	22 500	22 500	52,4	140,6	23 600	26 500	64,0
66,0	43,7	133,5	18 500	18 500	46,5	136,0	20 900	20 900	50,5	139,0	22 400	24 700	66,0
68,0	41,5	131,3	17 000	17 000	44,4	134,0	19 300	19 300	48,6	137,3	21 300	23 000	68,0
70,0	39,2	128,9	15 500	15 500	42,3	131,8	17 800	17 800	46,6	135,4	20 200	21 300	70,0
72,0	36,7	126,3	14 200	14 200	40,0	129,5	16 300	16 300	44,5	133,4	19 200	19 700	72,0
74,0	34,2	123,4	12 800	12 800	37,6	126,9	14 900	14 900	42,3	131,2	18 100	18 100	74,0
76,0	31,4	120,2	11 600	11 600	35,1	124,1	13 500	13 500	40,1	128,9	16 600	16 600	76,0
78,0	28,4	116,6	10 300	10 300	32,4	121,1	12 200	12 200	37,7	126,4	15 200	15 200	78,0
80,0	25,1	112,5	9 100	9 100	29,5	117,7	10 900	10 900	35,2	123,6	13 800	13 800	80,0
82,0	21,2	107,7	7 900	7 900	26,3	113,8	9 700	9 700	32,5	120,5	12 500	12 500	82,0
84,0	16,5	101,7	6 600	6 600	22,7	109,3	8 400	8 400	29,6	117,1	11 200	11 200	84,0
86,0	9,7	92,6	5 400	5 400	18,4	103,7	7 200	7 200	26,4	113,3	9 900	9 900	86,0
88,0					12,6	96,2	6 000	6 000	22,8	108,8	8 700	8 700	88,0
90,0									18,5	103,3	7 500	7 500	90,0
92,0									12,8	95,8	6 300	6 300	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
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0

MLC300 VPC-MAX S-2

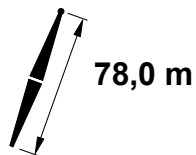
ASME B30.5



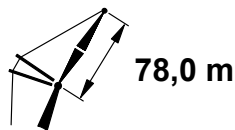
175 100 kg



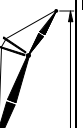
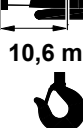
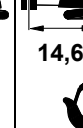
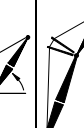
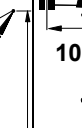
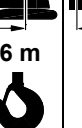
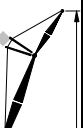
360°



78,0 m



78,0 m

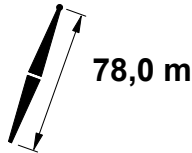
	75°				70°				65°			
												
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	m
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0												52,0
54,0												54,0
56,0												56,0
58,0	63,5	147,2	22 200	27 500								58,0
60,0	61,8	146,2	20 900	27 500								60,0
62,0	60,1	145,0	19 700	27 500								62,0
64,0	58,4	143,8	18 600	27 500								64,0
66,0	56,7	142,5	17 600	27 400								66,0
68,0	54,9	141,1	16 600	26 500								68,0
70,0	53,1	139,6	15 700	25 500								70,0
72,0	51,2	138,0	14 800	24 500	57,1	140,7	10 500	22 700				72,0
74,0	49,2	136,3	14 000	23 600	55,3	139,4	9 800	21 700				74,0
76,0	47,3	134,5	13 200	22 300	53,5	137,9	9 100	20 800				76,0
78,0	45,2	132,5	12 400	20 700	51,7	136,3	8 500	19 900				78,0
80,0	43,1	130,4	11 700	19 100	49,7	134,7	7 800	19 100				80,0
82,0	40,8	128,2	11 100	17 500	47,8	132,9	7 300	18 300				82,0
84,0	38,5	125,7	10 400	16 000	45,7	130,9	6 700	17 600	51,9	133,9	14 800	84,0
86,0	36,0	123,0	9 800	14 600	43,6	128,9	6 200	16 900	50,0	132,3	14 200	86,0
88,0	33,4	120,1	9 200	13 300	41,4	126,6	5 700	16 200	48,1	130,5	13 600	88,0
90,0	30,6	116,8	8 600	11 900	39,1	124,2	5 200	15 500	46,0	128,6	13 000	90,0
92,0	27,5	113,1	8 100	10 700	36,7	121,6	4 700	14 900	43,9	126,5	12 400	92,0
94,0	24,1	108,8	7 500	9 500	34,1	118,7		13 900	41,8	124,3	11 900	94,0
96,0	20,0	103,7	7 000	8 200	31,4	115,5		12 500	39,5	121,9	11 400	96,0
98,0	15,0	97,1	6 500	7 000	28,3	112,0		11 300	37,1	119,3	10 900	98,0
100,0					25,0	107,9		10 000	34,5	116,5	10 400	100,0
102,0					21,1	103,0		8 800	31,8	113,4	10 000	102,0
104,0					16,4	96,9		7 600	28,8	109,9	9 500	104,0
106,0					9,6	87,8		6 400	25,5	105,9	9 100	106,0
108,0									21,8	101,1	8 700	108,0
110,0									17,2	95,3	8 100	110,0
112,0									10,9	86,9	6 900	112,0

MLC300 VPC-MAX S-2

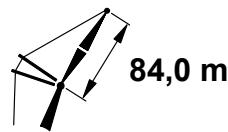
ASME B30.5



175 100 kg



78,0 m



84,0 m

85°					83°				80°				
m	°	m	kg	kg	°	m	kg	kg	°	m	kg	kg	m
33,5	73,6	160,6	27 300	27 300									33,5
34,0	73,3	160,5	27 200	27 200									34,0
36,0	71,8	159,8	27 100	27 100									36,0
38,0	70,4	159,1	26 900	26 900									38,0
40,0	68,9	158,4	26 700	26 700	70,9	159,1	26 800	26 800					40,0
42,0	67,4	157,5	26 500	26 500	69,4	158,3	26 700	26 700					42,0
44,0	66,0	156,6	26 300	26 300	68,0	157,5	26 600	26 600					44,0
46,0	64,4	155,7	26 100	26 100	66,5	156,7	26 500	26 500					46,0
48,0	62,9	154,7	25 800	25 800	65,0	155,7	26 300	26 300	68,0	156,9	25 800	25 800	48,0
50,0	61,4	153,6	25 500	25 500	63,5	154,7	26 100	26 100	66,5	156,0	25 800	25 800	50,0
52,0	59,8	152,4	24 700	24 700	61,9	153,7	26 000	26 000	65,0	155,1	25 800	25 800	52,0
54,0	58,2	151,2	23 800	23 800	60,4	152,6	25 800	25 800	63,5	154,1	25 800	25 800	54,0
56,0	56,6	149,9	22 900	22 900	58,8	151,4	25 600	25 600	62,0	153,1	25 700	25 700	56,0
58,0	54,9	148,5	22 000	22 000	57,1	150,1	25 400	25 400	60,4	152,0	25 600	25 600	58,0
60,0	53,2	147,0	21 200	21 200	55,5	148,7	24 800	24 800	58,8	150,8	25 400	25 500	60,0
62,0	51,5	145,4	20 300	20 300	53,8	147,3	24 000	24 000	57,2	149,5	24 500	25 400	62,0
64,0	49,7	143,8	19 500	19 500	52,1	145,7	23 100	23 100	55,5	148,1	23 200	25 300	64,0
66,0	47,8	142,0	18 700	18 700	50,3	144,1	22 300	22 300	53,9	146,7	22 000	25 100	66,0
68,0	46,0	140,1	17 800	17 800	48,5	142,3	21 200	21 200	52,1	145,1	20 900	24 600	68,0
70,0	44,0	138,0	16 900	16 900	46,6	140,5	19 800	19 800	50,4	143,5	19 800	23 200	70,0
72,0	42,0	135,8	16 100	16 100	44,7	138,5	18 400	18 400	48,6	141,7	18 800	21 600	72,0
74,0	39,9	133,5	15 100	15 100	42,7	136,3	17 000	17 000	46,7	139,9	17 900	20 100	74,0
76,0	37,7	130,9	13 900	13 900	40,6	134,0	15 700	15 700	44,8	137,9	17 000	18 700	76,0
78,0	35,3	128,2	12 600	12 600	38,5	131,6	14 500	14 500	42,8	135,8	16 100	17 300	78,0
80,0	32,9	125,2	11 400	11 400	36,2	128,9	13 300	13 300	40,7	133,5	15 300	16 000	80,0
82,0	30,2	121,8	10 300	10 300	33,8	126,0	12 000	12 000	38,5	131,0	14 500	14 800	82,0
84,0	27,3	118,1	9 100	9 100	31,2	122,8	10 800	10 800	36,3	128,3	13 500	13 500	84,0
86,0	24,1	113,8	7 900	7 900	28,4	119,2	9 700	9 700	33,9	125,4	12 300	12 300	86,0
88,0	20,4	108,8	6 700	6 700	25,3	115,1	8 500	8 500	31,3	122,2	11 100	11 100	88,0
90,0	15,9	102,5	5 600	5 600	21,8	110,4	7 300	7 300	28,5	118,7	9 900	9 900	90,0
92,0					17,7	104,7	6 200	6 200	25,4	114,6	8 700	8 700	92,0
94,0					12,2	96,8	5 000	5 000	21,9	109,9	7 600	7 600	94,0
96,0									17,8	104,2	6 400	6 400	96,0
98,0									12,4	96,5	5 300	5 300	98,0
100,0													100,0
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104,0													104,0
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MLC300 VPC-MAX S-2

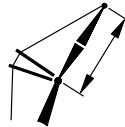
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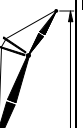
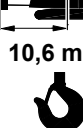
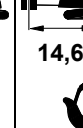
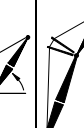
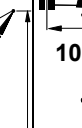
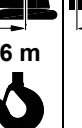
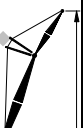
175 100 kg



78,0 m



84,0 m

	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												60,0
62,0	62,5	151,9	19 200	23 700								62,0
64,0	60,9	150,8	18 100	23 700								64,0
66,0	59,3	149,6	17 100	23 700								66,0
68,0	57,7	148,4	16 100	23 700								68,0
70,0	56,1	147,0	15 200	23 700								70,0
72,0	54,4	145,6	14 300	23 600								72,0
74,0	52,7	144,1	13 500	22 900	58,2	146,6	9 200	21 200				74,0
76,0	51,0	142,5	12 700	22 100	56,5	145,3	8 600	20 400				76,0
78,0	49,2	140,8	12 000	21 200	54,9	143,9	7 900	19 500				78,0
80,0	47,3	139,0	11 300	20 300	53,2	142,4	7 300	18 700				80,0
82,0	45,4	137,0	10 600	19 400	51,4	140,8	6 800	17 900				82,0
84,0	43,5	135,0	10 000	18 100	49,6	139,1	6 200	17 200				84,0
86,0	41,4	132,7	9 400	16 700	47,8	137,3	5 700	16 500	53,4	140,0	13 800	86,0
88,0	39,3	130,3	8 800	15 400	45,9	135,4	5 200	15 800	51,7	138,4	13 200	88,0
90,0	37,0	127,7	8 200	14 200	44,0	133,4		15 200	49,9	136,7	12 600	90,0
92,0	34,7	124,9	7 700	13 000	41,9	131,2		14 600	48,1	135,0	12 000	92,0
94,0	32,2	121,8	7 200	11 800	39,8	128,8		14 000	46,2	133,1	11 500	94,0
96,0	29,5	118,4	6 700	10 600	37,6	126,3		13 400	44,3	131,0	11 000	96,0
98,0	26,5	114,5	6 200	9 500	35,3	123,5		12 900	42,3	128,9	10 500	98,0
100,0	23,2	110,1	5 700	8 300	32,8	120,5		12 200	40,2	126,5	10 100	100,0
102,0	19,3	104,7	5 300	7 100	30,2	117,2		11 200	38,0	124,0	9 600	102,0
104,0	14,4	97,9	4 800	6 000	27,3	113,4		10 000	35,7	121,3	9 200	104,0
106,0					24,1	109,1		8 900	33,2	118,3	8 800	106,0
108,0					20,4	104,1		7 700	30,6	115,0	8 400	108,0
110,0					15,8	97,8		6 600	27,7	111,3	8 000	110,0
112,0					9,2	88,3		5 400	24,6	107,2	7 600	112,0
114,0									21,0	102,3	7 200	114,0
116,0									16,6	96,2	6 800	116,0
118,0									10,5	87,5	5 900	118,0