

# Liftcrane Boom


## Extended Upper Point Capacities

Boom No. B87:505-500  
with Mast No. M11:503 and  
7,0 m Extended Upper Boom Point  
215 000 kg VPC (Variable Position Counterweight)  
360 Degree Rating

# MLC300

# VPC-MAX

# SERIES 3

 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths and 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 boom point (upper sheave) capacity for liftcrane service with single part whip line from Drum 6 is 13 600 kg. When Drum 2 or Drum 3 is used, capacity with single part whip line is 16 600 kg. In all cases, upper boom point capacities cannot exceed those listed for extended upper boom point (lower sheave) capacity.


Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath sheaves is considered part of load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.


**BOOM BACKWARD STABILITY:** Capacities indicated by (b) requires 2 400 kg minimum weight suspended beneath boom point. **Caution: Do not operate in areas indicated by (b) without required minimum weight.** *Boom may not lower and boom hoist wire rope may go slack causing wire rope damage or failure.*

**OPERATING CONDITIONS:** Machine to operate on a firm, level, and uniformly supporting surface. Refer to Boom Rigging **No. 80134737**, Mast Rigging **No. 84045340**, Wire Rope Specifications chart **No. 9871-A**, Counterweight Arrangements chart **No. 9345-A**, and Wind Conditions chart **No. 9872-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 must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9870-A**.

 **EXTENDED UPPER BOOM POINT OPERATING RADIUS:** Extended upper boom point operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **BOOM ANGLE:** Boom angle in degrees ( $^{\circ}$ ) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

 **EXTENDED UPPER BOOM POINT ELEVATION:** Extended upper boom point elevation is vertical distance from ground level to centerline of extended upper boom 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, and 215 000 kg VPC.

# MLC300 VPC-MAX S-3

ASME B30.5



Refer to Table 1 (without luffing jib backstays stored) for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath extended upper boom point (lower or upper sheaves). For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

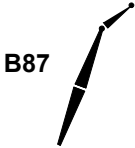


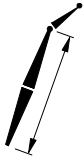





Select counterweight position from Table 1 that will allow raising and lowering of boom length. Counterweight position selection may be changed with boom on ground or while boom is within operating range of capacity chart.

Combined weight beneath extended upper boom point (lower or upper sheaves) must not exceed block weight shown.

**Table 1: Without Luffing Jib Backstays**

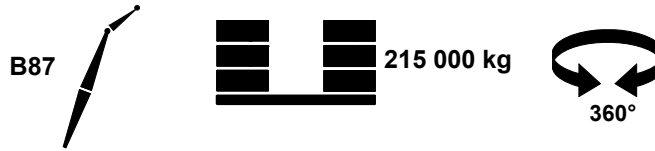
Over End or Side of Crawlers		
Boom Length (m)	10,6 m Counterweight Position	14,6 m Counterweight Position
	Block Weight (kg)	
83,0	4 700	4 700
86,0	4 700	4 700
89,0	4 700	4 700
92,0	4 700	4 700
95,0	4 700	4 700
98,0	4 700	4 700
101,0	4 700	4 700
104,0	4 700	4 700
107,0	3 900	4 700
110,0	2 300	4 700
113,0	#	4 700
116,0	<b>Raising Not Permitted</b>	4 700
119,0		4 700
122,0		3 600
125,0		2 500
128,0		#
131,0	#	#

## Explanation of Symbols

	Boom No. B87:505-500
	VPC (Variable Position Counterweight)
	360 Degree Rating
	Boom Length
	Extended Upper Boom Point Operating Radius (see page 1)
	Boom Angle (see page 1)
	Extended Upper Boom Point Elevation (see page 1)
	Counterweight Position from Axis of Rotation
	Lifting Capacities (see page 1)

# MLC300 VPC-MAX S-3

ASME B30.5



83,0 m				
m			10,6 m	14,6 m
kg			kg	kg
16,8	82,9	90,2	83 900b	83 900b
17,0	82,7	90,1	83 700	83 700
18,0	82,1	90,0	83 100	83 100
19,0	81,4	89,8	82 400	82 400
20,0	80,8	89,6	81 600	81 600
22,0	79,5	89,1	80 200	80 200
24,0	78,1	88,6	78 800	78 800
26,0	76,8	88,1	77 400	77 400
28,0	75,5	87,5	76 000	76 000
30,0	74,1	86,8	74 600	74 600
32,0	72,8	86,1	73 200	73 200
34,0	71,4	85,4	71 800	71 800
36,0	70,0	84,6	70 400	70 400
38,0	68,6	83,7	68 900	69 000
40,0	67,2	82,8	64 300	67 700
42,0	65,8	81,8	60 000	66 400
44,0	64,3	80,8	56 100	65 200
46,0	62,8	79,6	52 600	64 000
48,0	61,4	78,5	49 400	62 900
50,0	59,8	77,2	46 500	61 400
52,0	58,3	75,9	43 800	58 300
54,0	56,7	74,5	41 300	55 300
56,0	55,1	73,0	39 000	52 400
58,0	53,5	71,4	36 900	49 800
60,0	51,8	69,7	34 900	47 400
62,0	50,1	67,9	33 000	45 100
64,0	48,3	66,0	31 300	42 900
66,0	46,5	64,0	29 600	40 900
68,0	44,6	61,8	27 900	39 100
70,0	42,7	59,5	26 300	37 300
72,0	40,6	57,1	24 800	35 600
74,0	38,5	54,4	23 400	34 000
76,0	36,2	51,5	22 000	32 500
76,8	35,3	50,2	21 500	31 900

86,0 m				
m			10,6 m	14,6 m
kg			kg	kg
17,1	82,9	93,2	85 200	85 200
18,0	82,3	93,0	84 600	84 600
19,0	81,7	92,8	83 900	83 900
20,0	81,1	92,6	83 300	83 300
22,0	79,8	92,2	81 900	81 900
24,0	78,5	91,7	80 600	80 600
26,0	77,3	91,2	79 300	79 300
28,0	76,0	90,6	77 900	77 900
30,0	74,7	90,0	76 600	76 600
32,0	73,4	89,3	75 200	75 200
34,0	72,0	88,6	73 800	73 800
36,0	70,7	87,8	72 400	72 400
38,0	69,4	87,0	68 600	71 100
40,0	68,0	86,1	63 900	69 700
42,0	66,6	85,2	59 600	68 400
44,0	65,2	84,2	55 700	67 200
46,0	63,8	83,1	52 100	66 000
48,0	62,4	82,0	48 900	64 300
50,0	61,0	80,8	46 000	61 100
52,0	59,5	79,5	43 300	57 800
54,0	58,0	78,2	40 800	54 800
56,0	56,5	76,7	38 500	51 900
58,0	54,9	75,2	36 300	49 300
60,0	53,3	73,6	34 400	46 800
62,0	51,7	72,0	32 500	44 600
64,0	50,0	70,2	30 700	42 400
66,0	48,3	68,3	28 900	40 400
68,0	46,6	66,3	27 200	38 500
70,0	44,8	64,1	25 600	36 800
72,0	42,9	61,8	24 100	35 100
74,0	40,9	59,4	22 700	33 500
76,0	38,9	56,8	21 300	32 000
78,0	36,7	53,9	20 000	30 600
79,3	35,3	52,0	19 200	29 800

# MLC300 VPC-MAX S-3

ASME B30.5



B87



215 000 kg

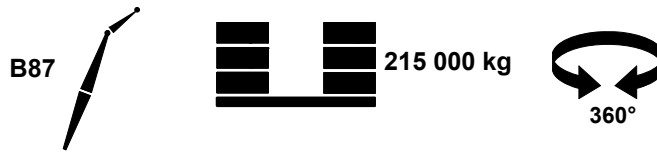


89,0 m				
m	m	m	kg	kg
17,4	83,0	96,2	90 000	90 000
18,0	82,6	96,1	89 700	89 700
19,0	82,0	95,9	89 100	89 100
20,0	81,4	95,7	88 500	88 500
22,0	80,1	95,3	87 300	87 300
24,0	78,9	94,8	86 600	86 600
26,0	77,7	94,3	86 600	86 600
28,0	76,4	93,7	86 600	86 600
30,0	75,2	93,1	86 600	86 600
32,0	73,9	92,5	86 300	86 600
34,0	72,6	91,8	79 400	86 600
36,0	71,3	91,0	73 300	88 500
38,0	70,0	90,2	67 900	85 500
40,0	68,7	89,4	63 100	82 400
42,0	67,4	88,5	58 800	77 100
44,0	66,1	87,5	54 900	72 300
46,0	64,7	86,5	51 300	67 900
48,0	63,4	85,4	48 100	64 000
50,0	62,0	84,2	45 200	60 300
52,0	60,6	83,0	42 500	57 000
54,0	59,1	81,8	40 000	53 900
56,0	57,7	80,4	37 700	51 100
58,0	56,2	79,0	35 500	48 500
60,0	54,7	77,5	33 500	46 000
62,0	53,2	75,9	31 400	43 700
64,0	51,6	74,2	29 500	41 600
66,0	50,0	72,4	27 700	39 600
68,0	48,3	70,5	26 100	37 700
70,0	46,6	68,5	24 500	36 000
72,0	44,9	66,4	23 000	34 300
74,0	43,0	64,1	21 500	32 700
76,0	41,2	61,7	20 200	31 200
78,0	39,2	59,1	18 900	29 800
80,0	37,1	56,3	17 700	28 400
81,7	35,3	53,8	16 700	27 400

92,0 m				
m	m	m	kg	kg
18,0	82,8	99,1	94 800	94 800
19,0	82,2	98,9	94 800	94 800
20,0	81,6	98,7	94 800	94 800
22,0	80,4	98,3	94 800	94 800
24,0	79,2	97,9	94 800	94 800
26,0	78,0	97,4	94 800	94 800
28,0	76,8	96,8	93 300	93 300
30,0	75,6	96,3	91 200	91 200
32,0	74,4	95,6	85 900	88 800
34,0	73,2	95,0	79 000	86 100
36,0	71,9	94,2	72 800	83 500
38,0	70,7	93,5	67 400	81 100
40,0	69,4	92,6	62 600	78 800
42,0	68,1	91,8	58 300	76 000
44,0	66,9	90,8	54 400	71 800
46,0	65,6	89,8	50 800	67 400
48,0	64,2	88,8	47 600	63 500
50,0	62,9	87,7	44 700	59 800
52,0	61,6	86,5	42 000	56 500
54,0	60,2	85,3	39 500	53 400
56,0	58,8	84,0	37 200	50 600
58,0	57,4	82,6	34 900	47 900
60,0	56,0	81,2	32 700	45 500
62,0	54,5	79,7	30 700	43 200
64,0	53,0	78,1	28 800	41 100
66,0	51,5	76,4	27 000	39 100
68,0	49,9	74,6	25 300	37 200
70,0	48,3	72,7	23 700	35 400
72,0	46,7	70,7	22 300	33 800
74,0	45,0	68,6	20 800	32 200
76,0	43,2	66,3	19 500	30 700
78,0	41,4	63,9	18 200	29 300
80,0	39,5	61,4	17 000	27 900
84,0	35,4	55,7	14 700	25 400
84,1	35,3	55,5	14 600	25 400

# MLC300 VPC-MAX S-3

ASME B30.5

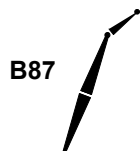


95,0 m			10,6 m	14,6 m
m	m	m	kg	kg
18,3	82,9	102,1	100 000	100 000
19,0	82,5	102,0	100 000	100 000
20,0	81,9	101,8	100 000	100 000
22,0	80,7	101,4	99 600	99 600
24,0	79,6	101,0	97 600	97 600
26,0	78,4	100,5	95 700	95 700
28,0	77,2	100,0	93 100	93 100
30,0	76,1	99,4	90 000	90 000
32,0	74,9	98,8	85 700	87 000
34,0	73,7	98,1	78 800	84 200
36,0	72,5	97,4	72 700	81 600
38,0	71,3	96,7	67 300	79 100
40,0	70,1	95,9	62 400	76 800
42,0	68,8	95,1	58 100	74 600
44,0	67,6	94,2	54 200	71 500
46,0	66,4	93,2	50 700	67 300
48,0	65,1	92,2	47 500	63 300
50,0	63,8	91,1	44 500	59 700
52,0	62,5	90,0	41 800	56 300
54,0	61,2	88,8	39 300	53 300
56,0	59,9	87,6	37 000	50 400
58,0	58,5	86,3	34 700	47 800
60,0	57,1	84,9	32 500	45 400
62,0	55,7	83,5	30 500	43 100
64,0	54,3	81,9	28 600	40 900
66,0	52,9	80,3	26 800	38 900
68,0	51,4	78,6	25 100	37 100
70,0	49,9	76,9	23 500	35 300
72,0	48,3	75,0	22 000	33 600
74,0	46,7	73,0	20 600	32 000
76,0	45,1	70,9	19 300	30 500
78,0	43,4	68,6	18 000	29 100
80,0	41,6	66,3	16 800	27 800
84,0	37,9	61,0	14 500	25 300
86,6	35,3	57,3	13 200	23 800

98,0 m			10,6 m	14,6 m
m	m	m	kg	kg
18,6	82,9	105,1	97 900	97 900
19,0	82,7	105,0	97 900	97 900
20,0	82,1	104,8	97 900	97 900
22,0	81,0	104,5	96 300	96 300
24,0	79,9	104,0	92 900	92 900
26,0	78,7	103,6	89 600	89 600
28,0	77,6	103,1	86 400	86 400
30,0	76,5	102,5	83 400	83 400
32,0	75,3	101,9	80 400	80 400
34,0	74,2	101,3	77 300	77 700
36,0	73,0	100,6	72 200	75 100
38,0	71,9	99,9	66 800	72 600
40,0	70,7	99,1	61 900	70 300
42,0	69,5	98,3	57 600	68 100
44,0	68,3	97,4	53 700	66 100
46,0	67,1	96,5	50 200	64 100
48,0	65,9	95,6	46 900	62 200
50,0	64,6	94,5	44 000	59 100
52,0	63,4	93,5	41 300	55 800
54,0	62,1	92,3	38 700	52 700
56,0	60,8	91,1	36 300	49 900
58,0	59,5	89,9	33 900	47 300
60,0	58,2	88,5	31 800	44 800
62,0	56,9	87,2	29 700	42 500
64,0	55,5	85,7	27 800	40 400
66,0	54,1	84,2	26 100	38 400
68,0	52,7	82,6	24 400	36 500
70,0	51,3	80,9	22 800	34 700
72,0	49,8	79,1	21 300	33 100
74,0	48,3	77,2	19 900	31 500
76,0	46,8	75,2	18 500	30 000
78,0	45,2	73,1	17 300	28 600
80,0	43,5	70,9	16 100	27 300
84,0	40,1	66,0	13 800	24 800
88,0	36,3	60,5	11 700	22 500
89,3	35,0	58,5	11 100	21 800

# MLC300 VPC-MAX S-3

ASME B30.5



215 000 kg

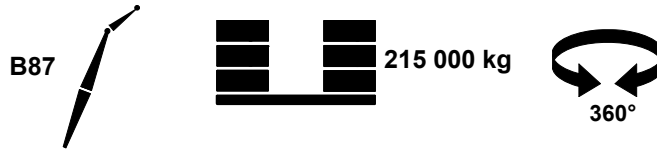


101,0 m				
m	m	m	kg	kg
18,9	82,9	108,1	94 900	94 900
19,0	82,9	108,1	94 900	94 900
20,0	82,3	107,9	94 900	94 900
22,0	81,3	107,5	94 800	94 800
24,0	80,2	107,1	92 000	92 000
26,0	79,1	106,7	88 700	88 700
28,0	78,0	106,2	85 600	85 600
30,0	76,9	105,6	82 500	82 500
32,0	75,8	105,1	79 500	79 500
34,0	74,6	104,5	76 600	76 800
36,0	73,5	103,8	72 100	74 100
38,0	72,4	103,1	66 600	71 700
40,0	71,2	102,4	61 800	69 300
42,0	70,1	101,6	57 500	67 100
44,0	68,9	100,7	53 500	65 000
46,0	67,8	99,8	50 000	63 000
48,0	66,6	98,9	46 800	61 200
50,0	65,4	97,9	43 800	58 900
52,0	64,2	96,9	41 100	55 700
54,0	63,0	95,8	38 500	52 600
56,0	61,8	94,6	36 000	49 700
58,0	60,5	93,4	33 700	47 100
60,0	59,2	92,2	31 500	44 700
62,0	58,0	90,8	29 500	42 400
64,0	56,7	89,4	27 600	40 200
66,0	55,3	88,0	25 800	38 200
68,0	54,0	86,4	24 200	36 400
70,0	52,6	84,8	22 600	34 600
72,0	51,2	83,1	21 100	32 900
74,0	49,8	81,3	19 700	31 400
76,0	48,3	79,4	18 300	29 900
78,0	46,8	77,5	17 000	28 400
80,0	45,3	75,4	15 800	27 100
84,0	42,0	70,8	13 600	24 600
88,0	38,6	65,7	11 500	22 400
91,7	35,0	60,3	9 700	20 400

104,0 m				
m	m	m	kg	kg
19,2	83,0	111,0	92 000	92 000
20,0	82,6	110,9	92 000	92 000
22,0	81,5	110,6	89 700	89 700
24,0	80,4	110,2	86 400	86 400
26,0	79,4	109,7	83 200	83 200
28,0	78,3	109,3	80 100	80 100
30,0	77,2	108,7	77 100	77 100
32,0	76,2	108,2	74 200	74 200
34,0	75,1	107,6	71 400	71 400
36,0	74,0	107,0	68 900	68 900
38,0	72,9	106,3	66 000	66 400
40,0	71,8	105,6	61 300	64 200
42,0	70,7	104,8	56 900	62 000
44,0	69,5	104,0	53 000	60 000
46,0	68,4	103,1	49 500	58 100
48,0	67,3	102,2	46 300	56 300
50,0	66,1	101,3	43 300	54 600
52,0	65,0	100,3	40 500	53 000
54,0	63,8	99,2	37 800	51 400
56,0	62,6	98,1	35 300	49 200
58,0	61,4	96,9	32 900	46 600
60,0	60,2	95,7	30 800	44 100
62,0	58,9	94,4	28 800	41 800
64,0	57,7	93,1	26 900	39 700
66,0	56,4	91,7	25 100	37 700
68,0	55,1	90,2	23 400	35 800
70,0	53,8	88,7	21 800	34 000
72,0	52,5	87,0	20 300	32 400
74,0	51,1	85,3	18 900	30 800
76,0	49,7	83,5	17 600	29 300
78,0	48,3	81,7	16 300	27 900
80,0	46,8	79,7	15 100	26 600
84,0	43,8	75,4	12 800	24 100
88,0	40,6	70,7	10 800	21 800
92,0	37,1	65,3	8 900	19 700
94,2	35,1	62,0	7 900	18 700

# MLC300 VPC-MAX S-3

ASME B30.5



107,0 m				
m			kg	kg
10,6 m	14,6 m			
19,8	82,9	114,0	88 300	88 300
20,0	82,8	113,9	88 300	88 300
22,0	81,7	113,6	88 300	88 300
24,0	80,7	113,2	86 000	86 000
26,0	79,7	112,8	82 900	82 900
28,0	78,6	112,3	79 800	79 800
30,0	77,6	111,8	76 800	76 800
32,0	76,5	111,3	73 900	73 900
34,0	75,5	110,7	71 200	71 200
36,0	74,4	110,1	68 600	68 600
38,0	73,4	109,4	66 000	66 100
40,0	72,3	108,7	61 300	63 800
42,0	71,2	108,0	56 900	61 700
44,0	70,1	107,2	53 000	59 600
46,0	69,0	106,4	49 500	57 700
48,0	67,9	105,5	46 200	55 900
50,0	66,8	104,6	43 300	54 200
52,0	65,7	103,6	40 400	52 600
54,0	64,5	102,6	37 700	51 000
56,0	63,4	101,5	35 200	49 100
58,0	62,2	100,4	32 900	46 500
60,0	61,1	99,2	30 700	44 100
62,0	59,9	98,0	28 700	41 800
64,0	58,7	96,7	26 800	39 700
66,0	57,4	95,3	25 000	37 700
68,0	56,2	93,9	23 400	35 800
70,0	54,9	92,4	21 800	34 000
72,0	53,7	90,9	20 300	32 400
74,0	52,4	89,2	18 900	30 800
76,0	51,0	87,5	17 500	29 300
78,0	49,7	85,8	16 300	27 900
80,0	48,3	83,9	15 000	26 500
84,0	45,4	79,8	12 800	24 100
88,0	42,4	75,4	10 700	21 800
92,0	39,1	70,4	8 900	19 700
96,0	35,6	64,7	7 100	17 800
96,6	35,1	63,7	6 900	17 600

110,0 m				
m			kg	kg
10,6 m	14,6 m			
20,1	82,9	117,0	83 700	83 700
22,0	81,9	116,7	83 700	83 700
24,0	80,9	116,3	81 200	81 200
26,0	79,9	115,9	78 100	78 100
28,0	78,9	115,4	75 100	75 100
30,0	77,9	114,9	72 200	72 200
32,0	76,9	114,4	69 400	69 400
34,0	75,9	113,9	66 700	66 700
36,0	74,8	113,3	64 200	64 200
38,0	73,8	112,6	61 800	61 800
40,0	72,8	111,9	59 500	59 600
42,0	71,7	111,2	56 400	57 500
44,0	70,7	110,4	52 500	55 500
46,0	69,6	109,6	48 900	53 600
48,0	68,5	108,8	45 700	51 800
50,0	67,4	107,9	42 600	50 100
52,0	66,4	107,0	39 700	48 600
54,0	65,3	106,0	37 000	47 100
56,0	64,2	104,9	34 500	45 700
58,0	63,0	103,8	32 100	44 400
60,0	61,9	102,7	30 000	43 100
62,0	60,8	101,5	27 900	41 200
64,0	59,6	100,3	26 000	39 100
66,0	58,4	99,0	24 300	37 100
68,0	57,2	97,6	22 600	35 200
70,0	56,0	96,2	21 000	33 400
72,0	54,8	94,7	19 500	31 800
74,0	53,5	93,1	18 100	30 200
76,0	52,3	91,5	16 800	28 700
78,0	51,0	89,8	15 500	27 300
80,0	49,6	88,0	14 300	26 000
84,0	46,9	84,2	12 000	23 500
88,0	44,0	79,9	10 000	21 200
92,0	41,0	75,3	8 100	19 200
96,0	37,8	70,0	6 400	17 300
99,1	35,1	65,5	5 100	15 900



# MLC300 VPC-MAX S-3

ASME B30.5



B87



215 000 kg



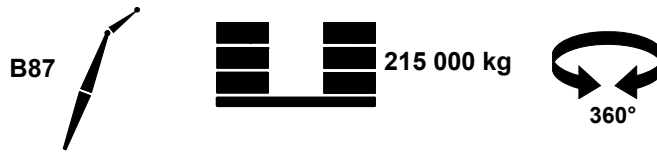
360°

113,0 m				
m	m	m	kg	kg
20,4	82,9	120,0	79 500	79 500
22,0	82,1	119,7	79 500	79 500
24,0	81,2	119,3	77 200	77 200
26,0	80,2	118,9	74 100	74 100
28,0	79,2	118,5	71 200	71 200
30,0	78,2	118,0	68 400	68 400
32,0	77,2	117,5	65 700	65 700
34,0	76,2	117,0	63 100	63 100
36,0	75,2	116,4	60 600	60 600
38,0	74,2	115,8	58 200	58 200
40,0	73,2	115,1	56 100	56 100
42,0	72,2	114,4	54 000	54 000
44,0	71,2	113,6	52 100	52 100
46,0	70,1	112,9	48 700	50 300
48,0	69,1	112,0	45 500	48 500
50,0	68,1	111,2	42 300	46 900
52,0	67,0	110,3	39 400	45 400
54,0	65,9	109,3	36 700	43 900
56,0	64,9	108,3	34 200	42 600
58,0	63,8	107,2	31 900	41 300
60,0	62,7	106,1	29 700	40 100
62,0	61,6	105,0	27 700	38 900
64,0	60,4	103,8	25 800	37 900
66,0	59,3	102,5	24 000	36 700
68,0	58,2	101,2	22 300	35 000
70,0	57,0	99,9	20 700	33 300
72,0	55,8	98,4	19 200	31 600
74,0	54,6	96,9	17 800	30 000
76,0	53,4	95,4	16 500	28 500
78,0	52,2	93,7	15 200	27 100
80,0	50,9	92,0	14 000	25 800
84,0	48,3	88,4	11 800	23 300
88,0	45,6	84,3	9 700	21 100
92,0	42,7	79,9	7 900	19 000
96,0	39,7	75,0	6 100	16 900
99,1	36,7	70,8	4 900	15 100
100,0	36,4	69,5		14 600
101,5	35,1	67,3		13 800

116,0 m				
m	m	m	kg	kg
20,7	82,9	122,9	75 100	75 100
22,0	82,3	122,8	75 100	75 100
24,0	81,4	122,4	75 100	75 100
26,0	80,4	122,0	75 100	75 100
28,0	79,5	121,6	73 800	73 800
30,0	78,5	121,1	71 000	71 000
32,0	77,6	120,6	68 300	68 300
34,0	76,6	120,1	65 700	65 700
36,0	75,6	119,5	63 200	63 200
38,0	74,6	118,9	60 800	60 800
40,0	73,6	118,3	58 500	58 500
42,0	72,7	117,6	55 600	56 400
44,0	71,7	116,9	51 800	54 300
46,0	70,7	116,1	48 200	52 400
48,0	69,6	115,3	44 800	50 600
50,0	68,6	114,5	41 600	48 900
52,0	67,6	113,6	38 700	47 300
54,0	66,6	112,7	36 000	45 800
56,0	65,5	111,7	33 500	44 400
58,0	64,5	110,7	31 100	43 000
60,0	63,4	109,6	29 000	41 700
62,0	62,3	108,5	26 900	40 300
64,0	61,3	107,3	25 000	38 400
66,0	60,2	106,1	23 200	36 400
68,0	59,1	104,8	21 600	34 500
70,0	57,9	103,5	20 000	32 700
72,0	56,8	102,1	18 500	31 000
74,0	55,6	100,7	17 100	29 500
76,0	54,5	99,2	15 700	28 000
78,0	53,3	97,6	14 500	26 600
80,0	52,1	96,0	13 300	25 200
84,0	49,6	92,5	11 000	22 800
88,0	47,0	88,7	9 000	20 500
92,0	44,3	84,5	7 100	18 400
96,0	41,4	79,8	5 400	16 600
97,5	39,8	77,9	4 700	15 900
100,0	38,4	74,7		14 800
103,9	35,1	69,0		13 200

# MLC300 VPC-MAX S-3

ASME B30.5



119,0 m			10,6 m	14,6 m
m	m	m	kg	kg
21,0	83,0	125,9	71 200	71 200
22,0	82,5	125,8	71 200	71 200
24,0	81,6	125,4	71 100	71 100
26,0	80,7	125,1	71 100	71 100
28,0	79,7	124,6	70 300	70 300
30,0	78,8	124,2	67 600	67 600
32,0	77,9	123,7	65 000	65 000
34,0	76,9	123,2	62 500	62 500
36,0	76,0	122,6	60 000	60 000
38,0	75,0	122,0	57 800	57 800
40,0	74,0	121,4	55 500	55 500
42,0	73,1	120,7	53 500	53 500
44,0	72,1	120,0	51 600	51 600
46,0	71,1	119,3	48 600	49 700
48,0	70,2	118,5	45 200	48 000
50,0	69,2	117,7	42 100	46 300
52,0	68,2	116,8	39 200	44 800
54,0	67,2	115,9	36 500	43 300
56,0	66,2	115,0	34 000	41 900
58,0	65,1	114,0	31 600	40 600
60,0	64,1	113,0	29 500	39 300
62,0	63,1	111,9	27 400	38 200
64,0	62,0	110,8	25 500	37 100
66,0	61,0	109,6	23 800	36 000
68,0	59,9	108,4	22 100	34 800
70,0	58,8	107,1	20 500	33 100
72,0	57,7	105,8	19 000	31 400
74,0	56,6	104,4	17 600	29 900
76,0	55,5	102,9	16 300	28 400
78,0	54,3	101,4	15 000	27 000
80,0	53,2	99,8	13 800	25 600
84,0	50,8	96,5	11 500	23 200
88,0	48,3	92,8	9 500	20 900
92,0	45,7	88,8	7 600	18 900
96,0	43,0	84,5	5 900	17 000
99,1	40,5	80,8	4 700	15 700
100,0	40,1	79,6		15 200
104,0	37,1	74,3		13 500
106,4	35,1	70,8		12 300

122,0 m			10,6 m	14,6 m
m	m	m	kg	kg
21,6	82,9	128,9	66 600	66 600
22,0	82,7	128,8	66 600	66 600
24,0	81,8	128,5	66 600	66 600
26,0	80,9	128,1	66 600	66 600
28,0	80,0	127,7	66 200	66 200
30,0	79,1	127,3	64 200	64 200
32,0	78,1	126,8	61 600	61 600
34,0	77,2	126,3	59 200	59 200
36,0	76,3	125,8	56 800	56 800
38,0	75,4	125,2	54 600	54 600
40,0	74,4	124,6	52 500	52 500
42,0	73,5	123,9	50 400	50 400
44,0	72,6	123,2	48 500	48 500
46,0	71,6	122,5	46 700	46 700
48,0	70,6	121,8	44 400	45 000
50,0	69,7	121,0	41 300	43 400
52,0	68,7	120,1	38 400	41 900
54,0	67,7	119,3	35 700	40 400
56,0	66,8	118,3	33 200	39 100
58,0	65,8	117,4	30 800	37 800
60,0	64,8	116,4	28 700	36 600
62,0	63,8	115,3	26 600	35 400
64,0	62,7	114,2	24 700	34 300
66,0	61,7	113,1	23 000	33 300
68,0	60,7	111,9	21 300	32 300
70,0	59,6	110,7	19 700	31 300
72,0	58,6	109,4	18 200	30 400
74,0	57,5	108,1	16 800	29 300
76,0	56,4	106,7	15 500	27 800
78,0	55,3	105,2	14 200	26 400
80,0	54,2	103,7	13 000	25 000
84,0	51,9	100,5	10 700	22 600
88,0	49,5	97,0	8 700	20 300
92,0	47,0	93,2	6 800	18 300
96,0	44,5	89,0	5 100	16 400
100,0	41,8	84,4		13 600
104,0	38,9	79,4		11 100
108,0	35,8	73,8		9 000
108,8	35,1	72,5		8 700

# MLC300 VPC-MAX S-3

ASME B30.5



B87



215 000 kg



360°

125,0 m				
m	m	m	kg	kg
21,9	82,9	131,9	63 700	63 700
22,0	82,9	131,9	63 700	63 700
24,0	82,0	131,5	63 700	63 700
26,0	81,1	131,2	63 600	63 600
28,0	80,2	130,8	63 300	63 300
30,0	79,3	130,3	61 700	61 700
32,0	78,4	129,9	60 200	60 200
34,0	77,5	129,4	58 900	58 900
36,0	76,6	128,9	57 500	57 500
38,0	75,7	128,3	56 200	56 200
40,0	74,8	127,7	54 100	54 100
42,0	73,9	127,1	52 100	52 100
44,0	73,0	126,4	50 100	50 100
46,0	72,0	125,7	47 700	48 300
48,0	71,1	125,0	44 200	46 500
50,0	70,2	124,2	41 000	44 900
52,0	69,2	123,4	38 100	43 300
54,0	68,3	122,5	35 400	41 800
56,0	67,3	121,6	32 900	40 400
58,0	66,4	120,7	30 600	39 000
60,0	65,4	119,7	28 400	37 800
62,0	64,4	118,7	26 400	36 600
64,0	63,4	117,7	24 500	35 500
66,0	62,4	116,5	22 700	34 400
68,0	61,4	115,4	21 000	33 400
70,0	60,4	114,2	19 400	32 300
72,0	59,4	112,9	17 900	30 700
74,0	58,3	111,7	16 500	29 100
76,0	57,3	110,3	15 200	27 600
78,0	56,2	108,9	13 900	26 200
80,0	55,1	107,4	12 700	24 900
84,0	52,9	104,3	10 500	22 400
88,0	50,6	101,0	8 400	20 100
92,0	48,3	97,3	6 600	18 100
96,0	45,8	93,3	4 800	16 200
100,0	43,2	89,0		14 500
104,0	40,5	84,2		12 800
108,0	37,7	79,0		10 600
111,3	35,1	74,3		8 900

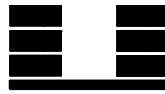
128,0 m				
m	m	m	kg	kg
22,3	82,9	134,8	59 700	59 700
24,0	82,2	134,6	59 700	59 700
26,0	81,3	134,2	59 600	59 600
28,0	80,4	133,8	58 500	58 500
30,0	79,6	133,4	56 800	56 800
32,0	78,7	132,9	55 300	55 300
34,0	77,8	132,5	54 200	54 200
36,0	76,9	132,0	53 600	53 600
38,0	76,0	131,4	52 900	52 900
40,0	75,2	130,8	51 000	51 000
42,0	74,3	130,2	49 000	49 000
44,0	73,4	129,6	47 100	47 100
46,0	72,5	128,9	45 300	45 300
48,0	71,6	128,2	43 100	43 600
50,0	70,6	127,4	39 900	42 000
52,0	69,7	126,6	37 000	40 500
54,0	68,8	125,8	34 300	39 000
56,0	67,9	124,9	31 800	37 700
58,0	66,9	124,0	29 500	36 400
60,0	66,0	123,1	27 300	35 100
62,0	65,0	122,1	25 300	34 000
64,0	64,1	121,0	23 400	32 900
66,0	63,1	120,0	21 600	31 800
68,0	62,1	118,8	19 900	30 900
70,0	61,1	117,7	18 300	29 900
72,0	60,1	116,5	16 800	29 000
74,0	59,1	115,2	15 400	28 100
76,0	58,1	113,9	14 100	26 800
78,0	57,1	112,5	12 800	25 400
80,0	56,0	111,1	11 600	24 000
84,0	53,9	108,1	9 300	21 500
88,0	51,7	104,9	7 300	19 300
92,0	49,4	101,4	5 400	17 200
93,0	48,5	100,5	5 000	16 800
96,0	47,1	97,6		15 400
100,0	44,6	93,5		13 600
104,0	42,1	88,9		10 700
108,0	39,3	84,0		8 200
112,0	36,4	78,5		6 000
113,7	35,2	76,0		5 200

# MLC300 VPC-MAX S-3

ASME B30.5



B87



215 000 kg



360°

m	m	m	kg	kg
22,6	83,0	137,8	56 400	56 400
24,0	82,3	137,6	56 400	56 400
26,0	81,5	137,3	56 200	56 200
28,0	80,6	136,9	54 600	54 600
30,0	79,8	136,5	53 000	53 000
32,0	78,9	136,0	51 700	51 700
34,0	78,1	135,6	51 100	51 100
36,0	77,2	135,1	50 600	50 600
38,0	76,4	134,5	50 000	50 000
40,0	75,5	134,0	49 500	49 500
42,0	74,6	133,4	48 900	48 900
44,0	73,7	132,7	48 200	48 200
46,0	72,9	132,1	46 500	46 500
48,0	72,0	131,4	43 900	44 800
50,0	71,1	130,6	40 800	43 200
52,0	70,2	129,9	37 800	41 700
54,0	69,3	129,0	35 100	40 300
56,0	68,4	128,2	32 600	38 900
58,0	67,5	127,3	30 300	37 600
60,0	66,6	126,4	28 100	36 300
62,0	65,6	125,4	26 100	35 200
64,0	64,7	124,4	24 200	34 000
66,0	63,8	123,4	22 400	33 000
68,0	62,8	122,3	20 700	32 000
70,0	61,8	121,2	19 100	31 000
72,0	60,9	120,0	17 700	30 100
74,0	59,9	118,8	16 200	28 900
76,0	58,9	117,5	14 900	27 400
78,0	57,9	116,2	13 600	26 000
80,0	56,9	114,8	12 400	24 700
84,0	54,8	111,9	10 200	22 200
88,0	52,7	108,8	8 200	19 900
92,0	50,5	105,4	6 300	17 900
96,0	48,3	101,8	4 600	16 000
100,0	45,9	97,8		14 300
104,0	43,5	93,5		12 700
108,0	40,9	88,8		11 200
112,0	38,2	83,7		9 800
116,0	35,3	78,0		8 600
116,1	35,2	77,8		8 500

REFERENCE ONLY!