


Liftcrane Boom Capacities

Boom No. B65:685-680
with Mast No. M11:684
300 000 kg VPC (Variable Position Counterweight)
360 Degree Rating

MLC650 VPC-MAX SERIES 2


 **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 capacity for liftcrane service with single part whip line from Drum 3 is 13 600 kg or 27 200 kg with two part whip line. When Drum 1 or Drum 2 is used, capacity with single part whip line is 22 100 kg, or 33 300 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.


Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point 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.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Refer to Boom Rigging **No. 84038307**, Mast Rigging **No. 84050187**, Wire Rope Specifications chart **No. 9594-A**, Counterweight Arrangements chart **No. 9349-A**, and Wind Conditions chart **No. 9593-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. 9592-A**.

 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **BOOM ANGLE:** Boom angle in degrees (°) 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.

 **BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with VPC-MAX, 11 125 mm crawlers, 1 524 mm or 2 032 mm treads, 11 m live mast, 36 m mast, 16 part boom hoist reeving, boom support straps, and 300 000 kg VPC.

Luffing Jib Backstay Deduct	
Boom Length (m)	Deduct (kg)
56,0	3 900
62,0	4 600
68,0	4 600
74,0	4 600
80,0	5 000
86,0	5 700
92,0	6 100
98,0	6 700
104,0	7 300
110,0	7 900
116,0	7 900

Deduct the appropriate value from capacities when luffing jib backstays are stored on boom.

MLC650 VPC-MAX S-2

ASME B30.5



Refer to Table 1 (with luffing jib backstays stored) and Table 2 (without luffing jib backstays stored) for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point 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 Tables 1 or 2 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 boom point sheaves must not exceed block weight shown.

Table 1a: With Luffing Jib Backstays

Over End or Side of Crawlers		
Boom Length (m)	11,8 m Counterweight Position	18,3 m Counterweight Position
	Block Weight (kg)	
56,0 - 62,0	21 000	21 000
68,0	10 200	21 000
74,0	7 300	21 000
80,0 - 98,0	#	21 000
104,0	Raising Not Permitted	10 200
110,0		7 300
116,0		#
122,0		
128,0		

Table 1b: With Luffing Jib Backstays

Over End of Blocked Crawlers		
Boom Length (m)	11,8 m Counterweight Position	18,3 m Counterweight Position
	Block Weight (kg)	
56,0 - 62,0	21 000	21 000
68,0	10 200	21 000
74,0	7 300	21 000
80,0 - 98,0	#	21 000
104,0	#	10 200
110,0	Raising Not Permitted	7 300
116,0		#
122,0		
128,0		

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. *Crane tipping or structural damage can occur.*

Table 2a: Without Luffing Jib Backstays

Over End or Side of Crawlers		
Boom Length (m)	11,8 m Counterweight Position	18,3 m Counterweight Position
	Block Weight (kg)	
56,0 - 68,0	21 000	21 000
74,0 - 80,0	10 200	21 000
86,0 - 98,0	7 300	21 000
104,0	#	21 000
110,0		10 200
116,0	Raising Not Permitted	10 200
122,0		#
128,0		#

Table 2b: Without Luffing Jib Backstays

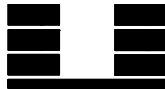
Over End of Blocked Crawlers		
Boom Length (m)	11,8 m Counterweight Position	18,3 m Counterweight Position
	Block Weight (kg)	
56,0 - 68,0	21 000	21 000
74,0 - 80,0	10 200	21 000
86,0 - 98,0	7 300	21 000
104,0	#	21 000
110,0	#	10 200
116,0	Raising Not Permitted	10 200
122,0		#
128,0		#

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. Crane tipping or structural damage can occur.

Explanation of Symbols



Boom No. B65:685-680



VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



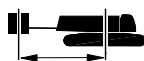
Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



Lifting Capacities
(see page 1)

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

56,0 m				
m	°	m	kg	kg
9,8	83,0	58,5	543 500	600 000
10,0	82,7	58,5	527 100	593 400
10,5	82,2	58,4	495 000	580 600
11,0	81,7	58,3	466 200	569 000
11,5	81,2	58,2	440 700	557 900
12,0	80,7	58,1	417 700	556 100
12,5	80,1	58,0	397 600	554 100
13,0	79,6	57,9	379 000	550 800
13,5	79,1	57,8	360 400	547 500
14,0	78,6	57,7	344 100	536 700
14,5	78,1	57,6	329 700	520 300
15,0	77,5	57,5	315 200	503 900
16,0	76,5	57,2	290 700	475 000
17,0	75,4	56,9	268 500	448 200
18,0	74,3	56,6	249 600	424 500
19,0	73,3	56,3	232 900	402 200
20,0	72,2	56,0	217 600	380 300
21,0	71,1	55,6	204 200	357 900
22,0	70,0	55,2	192 100	337 000
23,0	68,9	54,8	180 900	317 400
24,0	67,8	54,4	171 000	300 300
25,0	66,7	54,0	161 800	284 600
26,0	65,5	53,5	153 200	270 100
27,0	64,4	53,0	145 500	257 200
28,0	63,2	52,5	138 300	245 300
29,0	62,1	51,9	131 500	234 100
30,0	60,9	51,3	125 400	224 100
32,0	58,5	50,1	114 100	205 700
34,0	56,0	48,7	104 400	190 000
36,0	53,5	47,3	95 700	176 200
38,0	50,8	45,6	87 800	163 900
40,0	48,1	43,8	80 900	153 100
42,0	45,2	41,8	74 600	143 300
44,0	42,1	39,6	68 900	134 500
46,0	38,9	37,2	63 600	126 600
48,0	35,4	34,4	58 900	119 400
50,0	31,5	31,2	54 400	112 800
52,0	27,1	27,4	50 200	106 500
54,0	21,9	22,7	46 400	101 000

62,0 m				
m	°	m	kg	kg
11,0	82,5	64,4	468 200	544 400
11,5	82,1	64,3	441 200	533 600
12,0	81,6	64,2	418 000	523 700
12,5	81,1	64,1	397 800	520 000
13,0	80,6	64,1	379 100	520 000
13,5	80,2	64,0	360 400	520 000
14,0	79,7	63,9	344 100	513 900
14,5	79,2	63,8	329 500	503 400
15,0	78,8	63,6	315 000	492 800
16,0	77,8	63,4	290 300	467 200
17,0	76,9	63,2	268 000	441 200
18,0	75,9	62,9	249 000	418 100
19,0	74,9	62,6	232 200	397 100
20,0	74,0	62,3	216 800	376 900
21,0	73,0	62,0	203 400	355 900
22,0	72,0	61,6	191 200	335 600
23,0	71,0	61,3	179 900	315 900
24,0	70,1	60,9	169 900	298 900
25,0	69,1	60,5	160 700	283 300
26,0	68,1	60,1	152 100	268 700
27,0	67,1	59,7	144 400	255 900
28,0	66,0	59,2	137 200	243 900
29,0	65,0	58,7	130 300	232 700
30,0	64,0	58,2	124 200	222 700
32,0	61,9	57,1	112 900	204 400
34,0	59,7	55,9	103 100	188 700
36,0	57,5	54,7	94 300	174 900
38,0	55,3	53,3	86 500	162 600
40,0	53,0	51,7	79 500	151 700
42,0	50,6	50,1	73 200	142 000
44,0	48,1	48,3	67 500	133 200
46,0	45,5	46,3	62 300	125 300
48,0	42,8	44,2	57 500	118 100
50,0	39,9	41,8	53 100	111 500
52,0	36,8	39,1	49 000	105 300
54,0	33,5	36,2	45 200	99 700
56,0	29,9	32,7	41 700	94 500
58,0	25,7	28,7	38 300	89 600
60,0	20,8	23,8	35 100	85 200

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

68,0 m				
m	°	m	kg	kg
11,6	82,7	70,4	435 500	511 100
12,0	82,3	70,3	416 400	503 400
12,5	81,9	70,2	396 100	499 800
13,0	81,5	70,2	377 300	499 800
13,5	81,1	70,1	358 500	499 800
14,0	80,6	70,0	342 100	495 900
14,5	80,2	69,9	327 500	489 000
15,0	79,8	69,8	312 900	482 100
16,0	78,9	69,6	288 100	458 800
17,0	78,0	69,3	265 700	433 400
18,0	77,2	69,1	246 600	410 700
19,0	76,3	68,8	229 700	390 100
20,0	75,4	68,6	214 200	370 700
21,0	74,6	68,3	200 700	352 300
22,0	73,7	68,0	188 500	332 900
23,0	72,8	67,7	177 200	313 300
24,0	71,9	67,3	167 100	296 200
25,0	71,0	67,0	157 900	280 600
26,0	70,1	66,6	149 200	266 100
27,0	69,2	66,2	141 500	253 300
28,0	68,3	65,8	134 200	241 300
29,0	67,4	65,3	127 400	230 100
30,0	66,4	64,9	121 200	220 100
32,0	64,6	63,9	109 800	201 800
34,0	62,7	62,9	100 000	186 100
36,0	60,7	61,7	91 200	172 300
38,0	58,8	60,5	83 300	160 000
40,0	56,7	59,2	76 400	149 200
42,0	54,7	57,8	70 000	139 400
44,0	52,5	56,2	64 300	130 600
46,0	50,4	54,6	59 100	122 700
48,0	48,1	52,8	54 300	115 500
50,0	45,7	50,8	49 900	108 900
52,0	43,3	48,7	45 800	102 700
54,0	40,7	46,4	42 000	97 200
56,0	38,0	43,8	38 500	92 000
58,0	35,1	41,0	35 200	87 100
60,0	31,9	37,9	32 200	82 700
62,0	28,4	34,2	29 200	78 500
64,0	24,5	30,0	26 400	74 500
66,0	19,8	24,8	23 800	70 800

74,0 m				
m	°	m	kg	kg
12,2	82,8	76,4	407 400	478 700
12,5	82,6	76,3	395 800	474 300
13,0	82,2	76,2	376 900	467 100
13,5	81,8	76,2	358 000	459 800
14,0	81,4	76,1	341 500	456 700
14,5	81,0	76,0	326 800	456 700
15,0	80,6	75,9	312 200	456 700
16,0	79,8	75,7	287 300	444 000
17,0	79,0	75,5	264 800	426 000
18,0	78,2	75,3	245 600	403 900
19,0	77,4	75,0	228 700	383 900
20,0	76,6	74,8	213 100	365 100
21,0	75,8	74,5	199 600	348 200
22,0	75,0	74,2	187 300	330 200
23,0	74,2	73,9	175 900	311 800
24,0	73,4	73,6	165 900	294 700
25,0	72,6	73,3	156 600	279 200
26,0	71,8	73,0	147 900	264 600
27,0	71,0	72,6	140 100	251 800
28,0	70,1	72,2	132 800	239 900
29,0	69,3	71,8	125 900	228 700
30,0	68,5	71,4	119 800	218 700
32,0	66,8	70,6	108 300	200 400
34,0	65,1	69,6	98 500	184 700
36,0	63,3	68,6	89 700	170 900
38,0	61,6	67,5	81 800	158 600
40,0	59,8	66,3	74 800	147 800
42,0	57,9	65,1	68 400	138 100
44,0	56,1	63,7	62 700	129 200
46,0	54,2	62,3	57 500	121 300
48,0	52,2	60,7	52 700	114 100
50,0	50,2	59,1	48 300	107 500
52,0	48,1	57,3	44 200	101 300
54,0	45,9	55,3	40 400	95 800
56,0	43,7	53,2	36 900	90 600
58,0	41,4	51,0	33 600	85 700
60,0	38,9	48,5	30 600	81 300
62,0	36,3	45,8	27 700	77 100
64,0	33,5	42,8	25 000	73 200
66,0	30,5	39,5	22 500	69 600
68,0	27,2	35,7	20 000	66 100
70,0	23,4	31,2	17 700	62 800

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

80,0 m				
m	°	m	kg	kg
13,7	82,3	82,2	349 600	435 900
14,0	82,0	82,2	341 200	435 900
14,5	81,7	82,1	326 500	435 900
15,0	81,3	82,0	311 700	435 900
16,0	80,6	81,8	286 800	429 800
17,0	79,9	81,6	264 200	418 600
18,0	79,1	81,4	244 900	397 200
19,0	78,4	81,2	228 000	377 800
20,0	77,7	81,0	212 400	359 500
21,0	76,9	80,7	198 800	343 000
22,0	76,2	80,5	186 500	326 700
23,0	75,4	80,2	175 000	310 500
24,0	74,7	79,9	164 900	293 500
25,0	74,0	79,6	155 600	277 900
26,0	73,2	79,3	146 900	263 400
27,0	72,5	79,0	139 100	250 600
28,0	71,7	78,6	131 800	238 700
29,0	70,9	78,3	124 900	227 500
30,0	70,2	77,9	118 700	217 600
32,0	68,6	77,1	107 200	199 200
34,0	67,1	76,3	97 300	183 600
36,0	65,5	75,3	88 500	169 800
38,0	63,9	74,3	80 600	157 500
40,0	62,3	73,3	73 600	146 700
42,0	60,6	72,1	67 200	137 000
44,0	59,0	70,9	61 400	128 100
46,0	57,2	69,6	56 200	120 200
48,0	55,5	68,3	51 500	113 100
50,0	53,7	66,8	47 100	106 500
52,0	51,9	65,2	42 900	100 300
54,0	50,0	63,5	39 200	94 700
56,0	48,1	61,7	35 700	89 600
58,0	46,1	59,8	32 400	84 700
60,0	44,1	57,7	29 400	80 300
62,0	41,9	55,5	26 500	76 100
64,0	39,7	53,1	23 800	72 100
66,0	37,3	50,5	21 300	68 500
68,0	34,8	47,7	18 900	65 100
70,0	32,2	44,5	16 600	61 800
74,0	26,1	37,0	12 400	55 900

86,0 m				
m	°	m	kg	kg
13,7	82,8	88,3	370 200	385 300
14,0	82,6	88,2	361 400	383 800
14,5	82,3	88,2	345 800	381 100
15,0	81,9	88,1	330 200	378 500
16,0	81,3	87,9	303 800	368 800
17,0	80,6	87,7	280 000	360 300
18,0	79,9	87,5	259 600	360 300
19,0	79,2	87,3	241 700	358 300
20,0	78,5	87,1	225 200	352 900
21,0	77,9	86,9	210 800	336 900
22,0	77,2	86,7	197 800	322 000
23,0	76,5	86,4	185 700	307 500
24,0	75,8	86,2	175 100	291 500
25,0	75,1	85,9	165 200	276 300
26,0	74,4	85,6	156 000	261 800
27,0	73,7	85,3	147 700	249 100
28,0	73,0	85,0	140 000	237 100
29,0	72,3	84,6	132 700	226 000
30,0	71,6	84,3	126 200	216 000
32,0	70,2	83,6	114 100	197 700
34,0	68,8	82,8	103 600	182 100
36,0	67,3	81,9	94 300	168 300
38,0	65,9	81,0	85 900	156 000
40,0	64,4	80,1	78 500	145 200
42,0	62,9	79,0	71 800	135 400
44,0	61,4	77,9	65 700	126 600
46,0	59,8	76,8	60 200	118 700
48,0	58,2	75,5	55 200	111 600
50,0	56,6	74,2	50 500	105 000
52,0	55,0	72,8	46 200	98 800
54,0	53,4	71,3	42 300	93 200
56,0	51,7	69,7	38 600	88 100
58,0	49,9	68,0	35 100	83 200
60,0	48,1	66,2	31 900	78 800
62,0	46,3	64,3	28 900	74 600
64,0	44,4	62,3	26 100	70 600
66,0	42,4	60,1	23 500	67 100
68,0	40,3	57,7	20 900	63 600
70,0	38,2	55,2	18 600	60 400
74,0	33,5	49,5	14 200	54 500
78,0	28,2	42,5	10 200	49 200
82,0	21,6	33,5		44 300

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

92,0 m				
m	°	m	11,8 m kg	18,3 m kg
15,2	82,3	94,1	320 600	361 200
16,0	81,8	94,0	301 600	353 400
17,0	81,2	93,8	277 700	344 200
18,0	80,6	93,6	257 200	338 700
19,0	79,9	93,4	239 200	337 200
20,0	79,3	93,2	222 700	335 600
21,0	78,7	93,0	208 300	327 400
22,0	78,0	92,8	195 200	315 400
23,0	77,4	92,6	183 100	301 600
24,0	76,7	92,3	172 400	288 100
25,0	76,1	92,1	162 500	273 900
26,0	75,5	91,8	153 300	259 400
27,0	74,8	91,5	145 000	246 700
28,0	74,2	91,2	137 300	234 800
29,0	73,5	90,9	129 900	223 600
30,0	72,9	90,6	123 400	213 600
32,0	71,5	89,9	111 200	195 300
34,0	70,2	89,2	100 700	179 700
36,0	68,9	88,4	91 400	165 900
38,0	67,5	87,6	83 000	153 700
40,0	66,2	86,7	75 600	142 800
42,0	64,8	85,7	68 900	133 100
44,0	63,4	84,7	62 800	124 300
46,0	62,0	83,6	57 300	116 400
48,0	60,5	82,5	52 200	109 200
50,0	59,1	81,3	47 600	102 600
52,0	57,6	80,0	43 200	96 400
54,0	56,1	78,7	39 300	90 900
56,0	54,6	77,3	35 600	85 700
58,0	53,0	75,7	32 100	80 900
60,0	51,4	74,1	28 900	76 500
62,0	49,8	72,4	25 900	72 300
64,0	48,1	70,6	23 100	68 300
66,0	46,4	68,7	20 500	64 800
68,0	44,6	66,7	18 000	61 300
70,0	42,8	64,6	15 600	58 100
74,0	38,9	59,8	11 300	52 200
78,0	34,7	54,3		46 900
82,0	29,9	47,7		42 100
86,0	24,2	39,6		37 800

98,0 m				
m	°	m	11,8 m kg	18,3 m kg
15,2	82,8	100,2	317 900	317 900
16,0	82,3	100,0	299 600	317 900
17,0	81,7	99,9	276 300	317 800
18,0	81,1	99,7	255 800	317 200
19,0	80,6	99,5	237 800	317 000
20,0	80,0	99,4	221 200	317 000
21,0	79,4	99,2	206 700	317 000
22,0	78,8	99,0	193 600	308 500
23,0	78,2	98,7	181 500	295 900
24,0	77,6	98,5	170 800	283 700
25,0	77,0	98,3	160 900	270 900
26,0	76,4	98,0	151 600	257 800
27,0	75,8	97,7	143 300	245 000
28,0	75,2	97,5	135 500	233 100
29,0	74,5	97,2	128 200	222 000
30,0	73,9	96,9	121 600	212 000
32,0	72,7	96,3	109 400	193 700
34,0	71,5	95,6	98 900	178 100
36,0	70,2	94,9	89 600	164 400
38,0	69,0	94,1	81 200	152 100
40,0	67,7	93,2	73 700	141 300
42,0	66,4	92,4	67 000	131 600
44,0	65,1	91,4	60 900	122 700
46,0	63,8	90,4	55 300	114 800
48,0	62,5	89,4	50 300	107 700
50,0	61,2	88,3	45 600	101 100
52,0	59,8	87,1	41 200	94 900
54,0	58,5	85,9	37 300	89 400
56,0	57,1	84,6	33 600	84 200
58,0	55,6	83,2	30 100	79 300
60,0	54,2	81,8	27 000	74 900
62,0	52,7	80,2	24 000	70 700
64,0	51,2	78,6	21 100	66 800
66,0	49,7	76,9	18 500	63 200
68,0	48,1	75,1	16 000	59 800
70,0	46,5	73,2	13 600	56 500
74,0	43,1	69,1		50 700
78,0	39,5	64,4		45 400
82,0	35,6	59,0		40 600
86,0	31,3	52,8		36 300
90,0	26,3	45,3		32 400
94,0	20,2	35,6		28 700

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

104,0 m				
m	°	m	kg	kg
16,8	82,4	106,0	280 100	280 100
17,0	82,2	106,0	277 500	280 100
18,0	81,7	105,8	266 900	280 100
19,0	81,1	105,6	251 000	278 100
20,0	80,5	105,5	233 500	274 400
21,0	80,0	105,3	218 300	267 400
22,0	79,4	105,1	204 500	262 600
23,0	78,9	104,9	191 700	259 400
24,0	78,3	104,7	180 400	259 400
25,0	77,7	104,4	170 000	258 400
26,0	77,2	104,2	160 200	255 800
27,0	76,6	104,0	151 500	243 100
28,0	76,0	103,7	143 300	231 200
29,0	75,5	103,4	135 600	220 100
30,0	74,9	103,1	128 600	210 100
32,0	73,7	102,6	115 800	191 900
34,0	72,6	101,9	104 700	176 300
36,0	71,4	101,2	94 900	162 500
38,0	70,2	100,5	86 100	150 200
40,0	69,1	99,7	78 200	139 400
42,0	67,9	98,9	71 100	129 700
44,0	66,7	98,1	64 700	120 900
46,0	65,5	97,1	58 900	113 000
48,0	64,2	96,2	53 600	105 800
50,0	63,0	95,1	48 700	99 200
52,0	61,7	94,1	44 100	93 000
54,0	60,5	92,9	39 900	87 500
56,0	59,2	91,7	36 000	82 400
58,0	57,9	90,5	32 400	77 500
60,0	56,6	89,1	29 100	73 100
62,0	55,2	87,7	25 900	68 900
64,0	53,9	86,3	22 900	65 000
66,0	52,5	84,7	20 200	61 400
68,0	51,1	83,1	17 600	58 000
70,0	49,6	81,4	15 100	54 700
74,0	46,6	77,7	10 600	48 800
78,0	43,4	73,6		43 600
82,0	40,1	69,0		38 800
86,0	36,5	63,8		34 500
90,0	32,5	57,8		30 600
94,0	28,0	50,7		27 000
98,0	22,7	42,0		23 700

110,0 m				
m	°	m	kg	kg
16,8	82,8	112,1	244 500	244 500
17,0	82,7	112,0	244 500	244 500
18,0	82,1	111,9	244 500	244 500
19,0	81,6	111,7	239 900	244 500
20,0	81,1	111,6	231 900	244 500
21,0	80,5	111,4	216 600	244 500
22,0	80,0	111,2	202 800	244 500
23,0	79,5	111,0	190 000	244 500
24,0	78,9	110,8	178 600	244 500
25,0	78,4	110,6	168 200	244 500
26,0	77,9	110,4	158 400	243 900
27,0	77,3	110,1	149 600	238 300
28,0	76,8	109,9	141 400	229 500
29,0	76,3	109,6	133 700	218 400
30,0	75,7	109,4	126 700	208 400
32,0	74,7	108,8	113 900	190 200
34,0	73,6	108,2	102 800	174 600
36,0	72,5	107,6	92 900	160 800
38,0	71,4	106,9	84 100	148 600
40,0	70,3	106,2	76 200	137 800
42,0	69,1	105,4	69 100	128 100
44,0	68,0	104,6	62 700	119 300
46,0	66,9	103,7	56 800	111 400
48,0	65,7	102,8	51 500	104 200
50,0	64,6	101,9	46 600	97 600
52,0	63,4	100,9	42 000	91 400
54,0	62,2	99,8	37 900	85 900
56,0	61,1	98,7	34 000	80 700
58,0	59,8	97,5	30 300	75 800
60,0	58,6	96,3	27 000	71 500
62,0	57,4	95,0	23 800	67 300
64,0	56,1	93,7	20 800	63 300
66,0	54,9	92,3	18 100	59 800
68,0	53,6	90,8	15 500	56 300
70,0	52,2	89,2	13 000	53 100
74,0	49,5	85,9		47 200
78,0	46,7	82,2		42 000
82,0	43,7	78,1		37 200
86,0	40,6	73,6		32 900
90,0	37,2	68,5		29 000
94,0	33,5	62,7		25 400
98,0	29,5	56,0		22 100
102,0	24,8	47,9		19 100
106,0	19,0	37,6		16 200

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



360°

116,0 m				
m	°	m	11,8 m kg	18,3 m kg
18,3	82,4	117,9	213 300	213 300
19,0	82,0	117,8	213 300	213 300
20,0	81,5	117,6	213 000	213 300
21,0	81,0	117,5	211 700	213 300
22,0	80,5	117,3	202 600	213 300
23,0	80,0	117,1	189 700	213 300
24,0	79,5	116,9	178 300	213 300
25,0	79,0	116,7	167 800	213 300
26,0	78,5	116,5	158 000	213 300
27,0	78,0	116,3	149 200	213 300
28,0	77,5	116,1	141 000	213 300
29,0	77,0	115,8	133 200	213 000
30,0	76,5	115,6	126 300	206 300
32,0	75,5	115,1	113 400	189 600
34,0	74,4	114,5	102 200	174 000
36,0	73,4	113,9	92 300	160 200
38,0	72,4	113,2	83 400	147 900
40,0	71,3	112,6	75 500	137 100
42,0	70,3	111,8	68 300	127 400
44,0	69,2	111,1	61 800	118 600
46,0	68,2	110,3	56 000	110 600
48,0	67,1	109,4	50 600	103 500
50,0	66,0	108,5	45 700	96 900
52,0	64,9	107,6	41 000	90 700
54,0	63,8	106,6	36 900	85 100
56,0	62,7	105,5	33 000	80 000
58,0	61,6	104,5	29 300	75 100
60,0	60,4	103,3	26 000	70 700
62,0	59,3	102,1	22 800	66 500
64,0	58,1	100,9	19 800	62 600
66,0	56,9	99,6	17 100	59 000
68,0	55,7	98,2	14 400	55 600
70,0	54,5	96,8	12 000	52 300
74,0	52,0	93,7		46 500
78,0	49,5	90,4		41 200
82,0	46,8	86,7		36 400
86,0	44,0	82,6		32 100
90,0	41,0	78,2		28 300
94,0	37,8	73,2		24 700
98,0	34,4	67,6		21 400
102,0	30,7	61,1		18 400
106,0	26,5	53,6		15 500
110,0	21,5	44,3		12 900

122,0 m				
m	°	m	11,8 m kg	18,3 m kg
18,3	82,8	124,0	187 400	187 400
19,0	82,4	123,9	187 400	187 400
20,0	82,0	123,7	187 400	187 400
21,0	81,5	123,6	187 400	187 400
22,0	81,0	123,4	187 400	187 400
23,0	80,5	123,2	186 000	187 400
24,0	80,1	123,0	176 000	187 400
25,0	79,6	122,9	166 000	187 400
26,0	79,1	122,7	156 100	187 400
27,0	78,6	122,4	147 300	187 400
28,0	78,1	122,2	139 100	187 400
29,0	77,7	122,0	131 300	187 400
30,0	77,2	121,8	124 300	187 400
32,0	76,2	121,3	111 300	187 400
34,0	75,2	120,7	100 200	172 300
36,0	74,3	120,2	90 300	158 500
38,0	73,3	119,6	81 400	146 300
40,0	72,3	118,9	73 500	135 500
42,0	71,3	118,2	66 300	125 800
44,0	70,3	117,5	59 800	116 900
46,0	69,3	116,7	53 900	109 000
48,0	68,3	115,9	48 600	101 900
50,0	67,3	115,1	43 600	95 200
52,0	66,2	114,2	39 000	89 000
54,0	65,2	113,3	34 800	83 500
56,0	64,1	112,3	30 900	78 300
58,0	63,1	111,3	27 200	73 400
60,0	62,0	110,2	23 900	69 000
62,0	61,0	109,1	20 700	64 900
64,0	59,9	107,9	17 700	60 900
66,0	58,8	106,7	14 900	57 300
68,0	57,7	105,4	12 300	53 900
70,0	56,5	104,1	9 800	50 700
74,0	54,2	101,3		44 800
78,0	51,9	98,2		39 500
82,0	49,4	94,8		34 800
86,0	46,9	91,2		30 500
90,0	44,2	87,1		26 600
94,0	41,4	82,7		23 000
98,0	38,4	77,8		19 700
102,0	35,2	72,4		16 700
106,0	31,8	66,2		13 900
110,0	27,9	59,0		11 300
114,0	23,5	50,4		8 900

MLC650 VPC-MAX S-2

ASME B30.5



B65



300 000 kg



 m	 °	 m	 11,8 m kg	 18,3 m kg
19,8	82,4	129,8	164 800	164 800
20,0	82,3	129,8	164 800	164 800
21,0	81,9	129,6	164 800	164 800
22,0	81,4	129,5	164 800	164 800
23,0	81,0	129,3	164 800	164 800
24,0	80,5	129,1	164 800	164 800
25,0	80,1	128,9	161 200	164 800
26,0	79,6	128,7	155 200	164 800
27,0	79,2	128,5	146 400	164 800
28,0	78,7	128,3	138 100	164 800
29,0	78,2	128,1	130 300	164 800
30,0	77,8	127,9	123 200	164 800
32,0	76,9	127,4	110 300	164 700
34,0	75,9	126,9	99 100	164 300
36,0	75,0	126,4	89 100	157 500
38,0	74,1	125,8	80 200	145 300
40,0	73,1	125,2	72 200	134 400
42,0	72,2	124,5	65 100	124 700
44,0	71,3	123,9	58 600	115 900
46,0	70,3	123,1	52 700	108 000
48,0	69,3	122,4	47 300	100 900
50,0	68,4	121,6	42 400	94 300
52,0	67,4	120,7	37 800	88 100
54,0	66,4	119,9	33 600	82 500
56,0	65,4	118,9	29 700	77 400
58,0	64,5	118,0	26 000	72 500
60,0	63,4	117,0	22 600	68 100
62,0	62,4	115,9	19 500	63 900
64,0	61,4	114,8	16 500	60 000
66,0	60,4	113,7	13 700	56 400
68,0	59,3	112,5	11 100	53 000
70,0	58,3	111,3	8 600	49 700
74,0	56,1	108,6		43 900
78,0	53,9	105,7		38 600
82,0	51,7	102,6		33 900
86,0	49,3	99,3		29 600
90,0	46,9	95,6		25 700
94,0	44,4	91,6		22 100
98,0	41,7	87,2		18 900
102,0	38,9	82,4		15 900
106,0	35,9	77,1		13 100
110,0	32,7	71,1		10 500