

Liftcrane Boom Capacities

Boom No. B60:680
with Mast No. M11:684
300 000 kg VPC (Variable Position Counterweight)
Crawler Machine on a Barge
0 Degree thru 2 Degree Static Machine List
No Travel - 360 Degree Rating

MLC650
VPC-MAX
SERIES 2



LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. 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.

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 and jib 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.

BOOM BACKWARD STABILITY: Capacities indicated by (b) require 3 720 kg minimum weight suspended beneath boom point and (c) require 7 030 kg minimum weight. **Caution: Do not operate in areas indicated by (b) or (c) 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 and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 81022686**, Mast Rigging **No. 84050187**, Wire Rope Specifications chart **No. 9387-A**, Counterweight Arrangements chart **No. 9349-A**, and Wind Conditions chart **No. 9388-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck 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 barge deck 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.

Warning: Luffing jib backstay straps must be removed before use of this chart. *Crane tipping or structural damage may occur.*

Consult chart **No. 9722-AM** when jib No. 148 is attached.

Deduct From Capacities When Jib No. 148 Is Attached	
Boom Length (m)	Deduct (kg)
12,0	8 800
18,0	12 900
24,0	16 800
30,0	20 500
36,0	25 500
42,0	28 800
Weight of jib and 2 950 kg suspended beneath jib point have been included in determination of deduct.	

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Refer to Tables 1 and 2 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 barge deck until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

Select counterweight position from Table 1 or 2 that will allow raising and lowering of boom length. Counterweight position selection may be changed with boom on barge deck or while boom is within operating range of capacity chart.

Combined weight beneath boom point sheaves must not exceed block weight shown.

Table 1

Over End or Side of Crawlers						
Boom Length (m)	11,8 m Counterweight Position			18,3 m Counterweight Position		
	Machine List					
	0°	1°	2°	0°	1°	2°
	Block Weight (kg)					
44,0 - 68,0	21 000	21 000	21 000	21 000	21 000	21 000
74,0 - 80,0	10 300	10 300	10 300	21 000	21 000	21 000
86,0 - 104,0	7 300	7 300	7 300	21 000	21 000	21 000
110,0	#	#	#	10 300	10 300	10 300
116,0	Raising Not Permitted			10 300	10 300	10 300
122,0				10 300	7 300	7 300
128,0				7 300	7 300	
134,0				#		
140,0						

Table 2

Over End of Blocked Crawlers						
Boom Length (m)	11,8 m Counterweight Position			18,3 m Counterweight Position		
	Machine List					
	0°	1°	2°	0°	1°	2°
	Block Weight (kg)					
44,0 - 68,0	21 000	21 000	21 000	21 000	21 000	21 000
74,0 - 80,0	10 300	10 300	10 300	21 000	21 000	21 000
86,0 - 104,0	7 300	7 300	7 300	21 000	21 000	21 000
110,0	#	#	#	10 300	10 300	10 300
116,0	#	#	#	10 300	10 300	10 300
122,0	Raising Not Permitted			10 300	7 300	7 300
128,0				7 300	7 300	
134,0				#		
140,0				#		
Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. <i>Crane tipping or structural damage can occur.</i>						

Explanation of Symbols



Boom No. B60:680



VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Operating Radius
(see page 1)



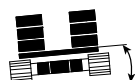
Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



Machine List



Lifting Capacities
(see page 1)

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B60



300 000 kg



360°

 44,0 m									
 m	 °	 m	 11,8 m			 18,3 m			 m
			 0°	 1°	 2°	 0°	 1°	 2°	
			kg	kg	kg	kg	kg	kg	
8,5	82,7	46,6	643 300c			662 300c			8,5
9,0	82,1	46,5	601 500c			662 300c			9,0
9,5	81,4	46,4	561 400c	470 500c		652 700c	470 500c		9,5
10,0	80,7	46,3	525 800c	461 700c		639 200c	461 700c		10,0
10,5	80,1	46,2	494 000c	449 500c		629 200c	453 200c		10,5
11,0	79,4	46,1	465 500b	427 700b	387 200c	629 200b	444 900b	387 200c	11,0
11,5	78,7	46,0	440 200b	406 100b	375 200c	629 200b	437 000b	380 900c	11,5
12,0	78,1	45,9	417 400b	386 300b	359 200c	626 400b	429 400b	375 000c	12,0
12,5	77,4	45,8	397 500b	369 000b	344 000c	612 400b	425 100b	369 400c	12,5
13,0	76,7	45,6	379 000	352 800	329 700b	591 700	422 900	363 900b	13,0
13,5	76,1	45,5	360 600	336 700	315 500b	571 000	420 700	358 400b	13,5
14,0	75,4	45,3	344 500	322 400	302 800b	552 000	419 800	353 200b	14,0
14,5	74,7	45,2	330 200	309 700	291 400	534 400	419 800	348 200	14,5
15,0	74,0	45,0	315 800	296 900	280 000	516 800	419 800	343 100	15,0
16,0	72,7	44,7	291 500	275 100	260 300	484 800	419 800	340 700	16,0
17,0	71,3	44,3	269 500	255 300	242 300	454 900	417 200	340 700	17,0
18,0	69,9	44,0	250 700	238 200	226 800	428 900	406 500	340 700	18,0
19,0	68,5	43,5	234 200	223 100	212 900	405 600	388 800	340 700	19,0
20,0	67,0	43,1	218 900	209 100	200 100	384 100	368 500	338 800	20,0
21,0	65,6	42,6	205 700	196 900	188 700	365 000	348 100	328 200	21,0
22,0	64,1	42,1	193 700	185 800	178 400	345 100	328 700	313 200	22,0
23,0	62,7	41,6	182 500	175 400	168 800	325 100	310 200	296 300	23,0
24,0	61,2	41,0	172 600	166 200	160 200	307 500	294 000	281 500	24,0
25,0	59,6	40,4	163 500	157 700	152 200	291 300	279 200	267 800	25,0
26,0	58,1	39,7	155 000	149 700	144 700	276 300	265 400	255 100	26,0
27,0	56,5	39,0	147 300	142 500	138 000	263 100	253 200	243 700	27,0
28,0	54,9	38,3	140 200	135 800	131 600	250 800	241 800	233 100	28,0
29,0	53,2	37,5	133 400	129 400	125 600	239 300	231 000	223 200	29,0
30,0	51,6	36,7	127 300	123 600	120 200	229 100	221 500	214 200	30,0
32,0	48,0	34,9	116 000	113 000	110 100	210 200	203 900	197 700	32,0
34,0	44,3	32,9	106 300	103 700	101 300	194 200	188 800	183 600	34,0
36,0	40,3	30,5	97 500	95 400	93 400	180 000	175 500	171 100	36,0
38,0	35,9	27,8	89 700	87 900	86 200	167 500	163 600	159 900	38,0
40,0	30,9	24,5	82 600	81 200	79 900	156 400	153 200	150 100	40,0
42,0	25,0	20,5	76 200	75 100	74 000	146 400	143 800	141 200	42,0
44,0	17,1	14,7	70 100	69 400	68 600	137 300	135 300	133 400	44,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

50,0 m

			11,8 m			18,3 m			
			0°	1°	2°	0°	1°	2°	
m	°	m	kg	kg	kg	kg	kg	kg	m
9,1	82,9	52,6	589 600b			613 600b			9,1
9,5	82,4	52,5	562 300b			613 100b			9,5
10,0	81,9	52,4	526 400b			606 600b			10,0
10,5	81,3	52,3	494 500b	423 100b		594 300b	423 100b		10,5
11,0	80,7	52,2	465 800	415 300	357 200b	583 000	415 800	357 200b	11,0
11,5	80,1	52,1	440 400	400 600	351 600b	581 600	408 700	351 600b	11,5
12,0	79,5	52,0	417 500	382 200	346 400b	581 400	401 900	346 400b	12,0
12,5	78,9	51,9	397 500	365 100	336 200b	575 300	395 400	341 500b	12,5
13,0	78,4	51,8	378 900	349 100	322 700	565 400	389 100	336 700	13,0
13,5	77,8	51,7	360 400	333 200	309 200	555 500	382 700	331 900	13,5
14,0	77,2	51,5	344 200	319 100	297 100	541 800	380 000	327 300	14,0
14,5	76,6	51,4	329 800	306 500	285 900	525 200	380 000	322 800	14,5
15,0	76,0	51,3	315 400	293 800	274 800	508 600	380 000	318 400	15,0
16,0	74,8	51,0	290 900	272 200	255 500	479 400	380 000	310 000	16,0
17,0	73,6	50,7	268 900	252 600	237 900	452 000	380 000	303 700	17,0
18,0	72,4	50,3	250 000	235 600	222 600	426 800	380 000	303 700	18,0
19,0	71,2	50,0	233 300	220 600	209 000	403 800	374 500	303 700	19,0
20,0	69,9	49,6	218 100	206 700	196 400	382 200	364 500	303 700	20,0
21,0	68,7	49,2	204 700	194 600	185 200	363 100	344 500	303 700	21,0
22,0	67,5	48,7	192 700	183 500	175 100	343 600	325 400	299 300	22,0
23,0	66,2	48,3	181 500	173 200	165 600	324 000	307 000	291 500	23,0
24,0	64,9	47,8	171 600	164 100	157 100	306 400	291 000	276 900	24,0
25,0	63,6	47,3	162 400	155 600	149 200	290 200	276 300	263 500	25,0
26,0	62,3	46,7	153 800	147 600	141 800	275 200	262 600	250 900	26,0
27,0	61,0	46,1	146 200	140 500	135 100	262 000	250 500	239 800	27,0
28,0	59,7	45,5	139 000	133 800	128 900	249 700	239 200	229 300	28,0
29,0	58,3	44,9	132 200	127 400	122 900	238 200	228 600	219 500	29,0
30,0	56,9	44,2	126 100	121 700	117 500	227 900	219 100	210 700	30,0
32,0	54,1	42,8	114 800	111 100	107 500	209 100	201 600	194 400	32,0
34,0	51,1	41,1	105 100	101 900	98 800	193 100	186 600	180 500	34,0
36,0	48,0	39,3	96 400	93 600	91 000	178 900	173 400	168 100	36,0
38,0	44,8	37,3	88 500	86 200	84 000	166 300	161 600	157 000	38,0
40,0	41,3	35,1	81 600	79 600	77 700	155 300	151 200	147 200	40,0
42,0	37,6	32,5	75 200	73 500	71 900	145 300	141 800	138 300	42,0
44,0	33,5	29,5	69 400	68 000	66 700	136 300	133 300	130 300	44,0
46,0	28,8	26,0	64 100	63 000	61 900	128 200	125 700	123 100	46,0
48,0	23,3	21,6	59 200	58 300	57 500	120 900	118 700	116 700	48,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

56,0 m

56,0 m									
			11,8 m			18,3 m			
m	°	m	kg	kg	kg	kg	kg	kg	m
9,8	83,0	58,5	542 800			572 800			9,8
10,0	82,7	58,5	526 400			571 400			10,0
10,5	82,2	58,4	494 300			566 200			10,5
11,0	81,7	58,3	465 500	390 500		555 300	390 500		11,0
11,5	81,2	58,2	440 000	383 900		544 900	383 900		11,5
12,0	80,7	58,1	416 900	374 300		539 900	377 700		12,0
12,5	80,1	58,0	396 800	360 600	315 400	538 400	371 800	317 400	12,5
13,0	79,6	57,9	378 200	344 800	307 900	538 400	366 100	313 100	13,0
13,5	79,1	57,8	359 600	329 100	300 300	538 400	360 300	308 800	13,5
14,0	78,6	57,7	343 300	315 200	290 900	529 700	354 900	304 700	14,0
14,5	78,1	57,6	328 800	302 700	280 000	514 300	349 600	300 700	14,5
15,0	77,5	57,5	314 400	290 200	269 100	498 800	344 300	296 700	15,0
16,0	76,5	57,2	289 800	268 800	250 300	470 800	341 800	289 200	16,0
17,0	75,4	56,9	267 600	249 300	233 000	444 500	341 800	281 900	17,0
18,0	74,3	56,6	248 700	232 500	218 000	421 100	341 800	275 000	18,0
19,0	73,3	56,3	232 000	217 600	204 600	400 000	341 800	273 000	19,0
20,0	72,2	56,0	216 600	203 800	192 200	380 000	340 800	273 000	20,0
21,0	71,1	55,6	203 300	191 800	181 300	361 000	335 800	273 000	21,0
22,0	70,0	55,2	191 200	180 800	171 300	341 700	321 800	273 000	22,0
23,0	68,9	54,8	179 900	170 500	161 900	322 600	303 700	272 400	23,0
24,0	67,8	54,4	170 000	161 400	153 600	304 900	287 800	268 300	24,0
25,0	66,7	54,0	160 800	153 000	145 800	288 800	273 200	259 000	25,0
26,0	65,5	53,5	152 200	145 100	138 500	273 800	259 700	246 600	26,0
27,0	64,4	53,0	144 500	138 000	131 900	260 600	247 600	235 700	27,0
28,0	63,2	52,5	137 300	131 300	125 700	248 300	236 400	225 400	28,0
29,0	62,1	51,9	130 500	125 000	119 800	236 700	225 800	215 700	29,0
30,0	60,9	51,3	124 400	119 300	114 500	226 400	216 400	207 000	30,0
32,0	58,5	50,1	113 100	108 700	104 600	207 600	199 000	191 000	32,0
34,0	56,0	48,7	103 300	99 500	96 000	191 600	184 200	177 200	34,0
36,0	53,5	47,3	94 600	91 300	88 200	177 400	171 000	164 900	36,0
38,0	50,8	45,6	86 800	83 900	81 200	164 900	159 300	153 900	38,0
40,0	48,1	43,8	79 800	77 400	75 000	153 800	148 900	144 200	40,0
42,0	45,2	41,8	73 500	71 400	69 300	143 900	139 600	135 500	42,0
44,0	42,1	39,6	67 800	65 900	64 100	134 900	131 100	127 500	44,0
46,0	38,9	37,2	62 600	60 900	59 400	126 800	123 500	120 300	46,0
48,0	35,4	34,4	57 800	56 400	55 100	119 500	116 600	113 800	48,0
50,0	31,5	31,2	53 300	52 200	51 000	112 800	110 300	107 800	50,0
52,0	27,1	27,4	49 100	48 200	47 200	106 400	104 300	102 200	52,0
54,0	21,9	22,7	45 300	44 500	43 800	100 700	99 000	97 200	54,0

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B60



300 000 kg



360°

62,0 m

			11,8 m			18,3 m			
			0°	1°	2°	0°	1°	2°	
m	°	m	kg	kg	kg	kg	kg	kg	m
11,0	82,5	64,4	467 500			527 700			11,0
11,5	82,1	64,3	440 500			517 700			11,5
12,0	81,6	64,2	417 300	353 900		508 600	353 900		12,0
12,5	81,1	64,1	397 100	345 200		505 100	348 600		12,5
13,0	80,6	64,1	378 400	334 500		505 100	343 500		13,0
13,5	80,2	64,0	359 700	323 800		505 100	338 400		13,5
14,0	79,7	63,9	343 300	312 100	280 300	500 700	333 500	283 100	14,0
14,5	79,2	63,8	328 700	299 800	271 800	493 100	328 700	279 600	14,5
15,0	78,8	63,6	314 200	287 400	263 300	485 500	324 000	276 100	15,0
16,0	77,8	63,4	289 500	266 200	245 900	461 900	316 700	269 400	16,0
17,0	76,9	63,2	267 200	246 900	229 000	436 500	311 600	262 900	17,0
18,0	75,9	62,9	248 200	230 200	214 300	413 900	311 600	256 700	18,0
19,0	74,9	62,6	231 400	215 300	201 100	393 400	311 600	250 800	19,0
20,0	74,0	62,3	216 000	201 700	188 900	374 100	311 600	246 100	20,0
21,0	73,0	62,0	202 500	189 700	178 100	356 800	311 600	246 100	21,0
22,0	72,0	61,6	190 400	178 700	168 200	339 400	307 900	246 100	22,0
23,0	71,0	61,3	179 100	168 500	159 000	321 900	301 000	246 100	23,0
24,0	70,1	60,9	169 100	159 500	150 700	304 200	285 300	246 100	24,0
25,0	69,1	60,5	159 800	151 100	143 000	288 000	270 800	245 300	25,0
26,0	68,1	60,1	151 200	143 200	135 800	273 000	257 300	243 100	26,0
27,0	67,1	59,7	143 500	136 100	129 300	259 700	245 400	232 300	27,0
28,0	66,0	59,2	136 300	129 400	123 200	247 400	234 200	222 100	28,0
29,0	65,0	58,7	129 400	123 200	117 300	235 800	223 800	212 600	29,0
30,0	64,0	58,2	123 300	117 500	112 100	225 500	214 400	204 000	30,0
32,0	61,9	57,1	111 900	106 900	102 200	206 700	197 100	188 200	32,0
34,0	59,7	55,9	102 100	97 800	93 700	190 600	182 300	174 500	34,0
36,0	57,5	54,7	93 400	89 600	86 000	176 400	169 200	162 400	36,0
38,0	55,3	53,3	85 500	82 200	79 100	163 900	157 500	151 500	38,0
40,0	53,0	51,7	78 600	75 600	72 900	152 800	147 200	141 900	40,0
42,0	50,6	50,1	72 300	69 700	67 200	142 900	137 900	133 200	42,0
44,0	48,1	48,3	66 500	64 200	62 100	133 800	129 500	125 300	44,0
46,0	45,5	46,3	61 300	59 300	57 400	125 800	121 900	118 100	46,0
48,0	42,8	44,2	56 500	54 800	53 100	118 500	115 000	111 600	48,0
50,0	39,9	41,8	52 100	50 600	49 100	111 700	108 600	105 700	50,0
52,0	36,8	39,1	48 000	46 600	45 300	105 400	102 700	100 000	52,0
54,0	33,5	36,2	44 200	43 000	41 900	99 800	97 400	95 000	54,0
56,0	29,9	32,7	40 700	39 700	38 700	94 500	92 400	90 300	56,0
58,0	25,7	28,7	37 300	36 400	35 600	89 500	87 600	85 900	58,0
60,0	20,8	23,8	34 100	33 400	32 800	84 900	83 400	81 900	60,0

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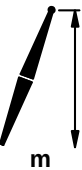
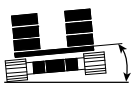
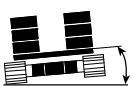
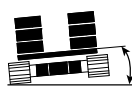
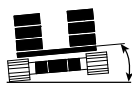
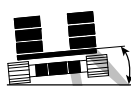
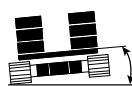


300 000 kg



360°

68,0 m

68,0 m									
			11,8 m			18,3 m			
									
m	°	m	kg	kg	kg	kg	kg	kg	m
11,6	82,7	70,4	437 900			490 300			11,6
12,0	82,3	70,3	418 900			483 500			12,0
12,5	81,9	70,2	398 500			476 000			12,5
13,0	81,5	70,2	379 800			469 000			13,0
13,5	81,1	70,1	361 000			462 000			13,5
14,0	80,6	70,0	344 500	309 700	249 200	458 900	314 000	249 200	14,0
14,5	80,2	69,9	329 900	297 700	249 200	458 900	309 800	249 200	14,5
15,0	79,8	69,8	315 300	285 800	249 200	458 900	305 600	249 200	15,0
16,0	78,9	69,6	290 500	264 900	239 500	446 700	297 600	248 300	16,0
17,0	78,0	69,3	268 100	245 800	226 400	429 200	291 000	246 100	17,0
18,0	77,2	69,1	249 000	229 200	211 900	407 400	288 500	240 600	18,0
19,0	76,3	68,8	232 100	214 500	199 000	387 600	287 800	235 400	19,0
20,0	75,4	68,6	216 600	200 900	187 000	369 000	287 800	230 300	20,0
21,0	74,6	68,3	203 100	189 000	176 300	352 200	287 800	225 400	21,0
22,0	73,7	68,0	190 900	178 100	166 600	336 700	287 800	223 700	22,0
23,0	72,8	67,7	179 600	168 000	157 500	321 400	286 900	223 700	23,0
24,0	71,9	67,3	169 600	158 900	149 300	304 300	280 300	223 700	24,0
25,0	71,0	67,0	160 300	150 600	141 800	288 300	269 500	223 700	25,0
26,0	70,1	66,6	151 600	142 700	134 600	273 200	256 100	223 700	26,0
27,0	69,2	66,2	143 900	135 700	128 200	259 900	244 300	223 700	27,0
28,0	68,3	65,8	136 600	129 000	122 100	247 600	233 200	219 000	28,0
29,0	67,4	65,3	129 800	122 800	116 300	236 000	222 800	210 600	29,0
30,0	66,4	64,9	123 600	117 100	111 100	225 700	213 400	202 200	30,0
32,0	64,6	63,9	112 200	106 600	101 400	206 800	196 300	186 500	32,0
34,0	62,7	62,9	102 400	97 500	92 900	190 700	181 600	173 000	34,0
36,0	60,7	61,7	93 600	89 300	85 300	176 600	168 500	161 000	36,0
38,0	58,8	60,5	85 700	82 000	78 400	163 900	156 900	150 300	38,0
40,0	56,7	59,2	78 700	75 400	72 300	152 900	146 600	140 700	40,0
42,0	54,7	57,8	72 400	69 500	66 700	142 900	137 400	132 100	42,0
44,0	52,5	56,2	66 600	64 000	61 500	133 900	129 000	124 200	44,0
46,0	50,4	54,6	61 400	59 100	56 900	125 800	121 400	117 200	46,0
48,0	48,1	52,8	56 700	54 600	52 600	118 500	114 500	110 700	48,0
50,0	45,7	50,8	52 300	50 400	48 600	111 800	108 200	104 800	50,0
52,0	43,3	48,7	48 100	46 500	44 900	105 500	102 300	99 200	52,0
54,0	40,7	46,4	44 400	42 900	41 500	99 800	96 900	94 100	54,0
56,0	38,0	43,8	40 900	39 600	38 300	94 500	92 000	89 400	56,0
58,0	35,1	41,0	37 600	36 400	35 300	89 600	87 200	85 000	58,0
60,0	31,9	37,9	34 500	33 500	32 500	85 100	83 000	81 000	60,0
62,0	28,4	34,2	31 600	30 700	29 900	80 800	79 000	77 200	62,0
64,0	24,5	30,0	28 800	28 100	27 400	76 700	75 200	73 600	64,0
66,0	19,8	24,8	26 200	25 600	25 000	73 000	71 700	70 400	66,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

74,0 m

			11,8 m			18,3 m			
			0°	1°	2°	0°	1°	2°	
m	°	m	kg	kg	kg	kg	kg	kg	m
12,2	82,8	76,4	409 800			433 800			12,2
12,5	82,6	76,3	398 200			433 800			12,5
13,0	82,2	76,2	379 300			433 800			13,0
13,5	81,8	76,2	360 400			433 800			13,5
14,0	81,4	76,1	343 900	293 100		433 600	294 700		14,0
14,5	81,0	76,0	329 300	286 600		433 300	290 900		14,5
15,0	80,6	75,9	314 600	280 000		433 000	287 100		15,0
16,0	79,8	75,7	289 700	261 800	219 300	428 800	279 900	219 300	16,0
17,0	79,0	75,5	267 200	242 900	216 900	419 800	272 900	219 300	17,0
18,0	78,2	75,3	248 000	226 500	206 700	398 900	266 300	219 300	18,0
19,0	77,4	75,0	231 100	211 900	195 100	379 900	264 400	217 800	19,0
20,0	76,6	74,8	215 500	198 400	183 300	361 900	264 400	215 300	20,0
21,0	75,8	74,5	202 000	186 500	172 800	345 600	264 400	210 800	21,0
22,0	75,0	74,2	189 700	175 700	163 300	330 600	264 400	206 600	22,0
23,0	74,2	73,9	178 300	165 600	154 300	316 200	264 400	203 000	23,0
24,0	73,4	73,6	168 300	156 600	146 200	302 100	264 400	203 000	24,0
25,0	72,6	73,3	159 000	148 300	138 700	287 300	260 500	203 000	25,0
26,0	71,8	73,0	150 300	140 500	131 700	272 200	253 700	203 000	26,0
27,0	71,0	72,6	142 500	133 500	125 300	258 900	241 900	203 000	27,0
28,0	70,1	72,2	135 200	126 900	119 300	246 500	230 900	203 000	28,0
29,0	69,3	71,8	128 300	120 600	113 600	234 900	220 500	202 800	29,0
30,0	68,5	71,4	122 100	115 000	108 400	224 600	211 300	197 600	30,0
32,0	66,8	70,6	110 700	104 500	98 800	205 700	194 200	183 700	32,0
34,0	65,1	69,6	100 800	95 400	90 400	189 600	179 600	170 300	34,0
36,0	63,3	68,6	92 000	87 300	82 800	175 400	166 600	158 400	36,0
38,0	61,6	67,5	84 200	79 900	76 000	162 800	155 000	147 800	38,0
40,0	59,8	66,3	77 100	73 400	69 900	151 700	144 800	138 300	40,0
42,0	57,9	65,1	70 800	67 500	64 300	141 700	135 600	129 800	42,0
44,0	56,1	63,7	65 000	62 100	59 300	132 700	127 200	122 000	44,0
46,0	54,2	62,3	59 800	57 100	54 600	124 600	119 700	115 000	46,0
48,0	52,2	60,7	55 100	52 700	50 400	117 300	112 800	108 600	48,0
50,0	50,2	59,1	50 700	48 500	46 400	110 500	106 500	102 600	50,0
52,0	48,1	57,3	46 500	44 600	42 700	104 200	100 600	97 100	52,0
54,0	45,9	55,3	42 800	41 000	39 400	98 600	95 300	92 100	54,0
56,0	43,7	53,2	39 300	37 700	36 200	93 300	90 300	87 400	56,0
58,0	41,4	51,0	36 000	34 500	33 200	88 300	85 600	83 000	58,0
60,0	38,9	48,5	32 900	31 700	30 500	83 800	81 400	79 000	60,0
62,0	36,3	45,8	30 100	28 900	27 900	79 600	77 400	75 200	62,0
64,0	33,5	42,8	27 300	26 300	25 400	75 500	73 500	71 600	64,0
66,0	30,5	39,5	24 800	23 900	23 100	71 900	70 100	68 300	66,0
68,0	27,2	35,7	22 400	21 600	20 900	68 400	66 800	65 200	68,0
70,0	23,4	31,2	20 000	19 400	18 800	65 000	63 600	62 200	70,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

80,0 m

80,0 m									
 m	 °	 m	11,8 m			18,3 m			 m
			 0° kg	 1° kg	 2° kg	 0° kg	 1° kg	 2° kg	
13,7	82,3	82,2	352 200			367 100			13,7
14,0	82,0	82,2	343 900			367 100			14,0
14,5	81,7	82,1	329 200			367 100			14,5
15,0	81,3	82,0	314 400			367 100			15,0
16,0	80,6	81,8	289 500	253 300		367 100	261 000		16,0
17,0	79,9	81,6	266 900	240 700	194 300	367 100	258 400	194 300	17,0
18,0	79,1	81,4	247 700	224 400	194 300	367 100	252 400	194 300	18,0
19,0	78,4	81,2	230 700	209 900	188 700	363 100	246 600	194 300	19,0
20,0	77,7	81,0	215 100	196 500	180 400	355 600	241 900	194 300	20,0
21,0	76,9	80,7	201 500	184 700	170 100	339 900	241 900	194 300	21,0
22,0	76,2	80,5	189 200	174 000	160 700	325 300	241 900	193 000	22,0
23,0	75,4	80,2	177 800	164 000	151 800	311 400	241 900	190 900	23,0
24,0	74,7	79,9	167 700	155 100	143 900	298 800	241 900	187 200	24,0
25,0	74,0	79,6	158 400	146 800	136 500	285 500	241 900	185 900	25,0
26,0	73,2	79,3	149 600	139 000	129 500	271 700	241 500	185 900	26,0
27,0	72,5	79,0	141 800	132 100	123 200	258 400	237 000	185 900	27,0
28,0	71,7	78,6	134 500	125 500	117 300	246 000	229 100	185 900	28,0
29,0	70,9	78,3	127 600	119 300	111 700	234 400	218 900	185 900	29,0
30,0	70,2	77,9	121 400	113 600	106 500	224 100	209 700	185 900	30,0
32,0	68,6	77,1	110 000	103 200	97 000	205 100	192 700	181 400	32,0
34,0	67,1	76,3	100 100	94 200	88 700	189 000	178 200	168 200	34,0
36,0	65,5	75,3	91 300	86 000	81 200	174 800	165 300	156 500	36,0
38,0	63,9	74,3	83 400	78 700	74 400	162 100	153 700	145 900	38,0
40,0	62,3	73,3	76 400	72 200	68 400	151 000	143 600	136 600	40,0
42,0	60,6	72,1	70 000	66 300	62 900	141 100	134 400	128 100	42,0
44,0	59,0	70,9	64 200	60 900	57 800	132 000	126 000	120 400	44,0
46,0	57,2	69,6	59 000	56 000	53 200	123 900	118 500	113 400	46,0
48,0	55,5	68,3	54 200	51 600	49 000	116 600	111 700	107 100	48,0
50,0	53,7	66,8	49 800	47 400	45 100	109 900	105 400	101 200	50,0
52,0	51,9	65,2	45 700	43 500	41 400	103 600	99 500	95 700	52,0
54,0	50,0	63,5	42 000	40 000	38 100	97 900	94 200	90 700	54,0
56,0	48,1	61,7	38 500	36 700	34 900	92 700	89 300	86 100	56,0
58,0	46,1	59,8	35 200	33 500	32 000	87 700	84 600	81 700	58,0
60,0	44,1	57,7	32 200	30 700	29 200	83 200	80 400	77 700	60,0
62,0	41,9	55,5	29 300	28 000	26 700	79 000	76 400	73 900	62,0
64,0	39,7	53,1	26 600	25 400	24 200	74 900	72 600	70 300	64,0
66,0	37,3	50,5	24 100	23 000	21 900	71 300	69 100	67 100	66,0
68,0	34,8	47,7	21 700	20 700	19 800	67 800	65 800	64 000	68,0
70,0	32,2	44,5	19 400	18 500	17 700	64 500	62 700	61 000	70,0
74,0	26,1	37,0	15 200	14 500	13 900	58 400	57 000	55 600	74,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

86,0 m

			11,8 m			18,3 m			
m	°	m	kg	kg	kg	kg	kg	kg	m
13,7	82,8	88,3	311 500			311 500			13,7
14,0	82,6	88,2	311 500			311 500			14,0
14,5	82,3	88,2	311 500			311 500			14,5
15,0	81,9	88,1	311 500			311 500			15,0
16,0	81,3	87,9	299 500	221 100		311 500	221 100		16,0
17,0	80,6	87,7	282 600	221 100	167 700	311 500	221 100	167 700	17,0
18,0	79,9	87,5	262 200	221 100	167 700	311 500	221 100	167 700	18,0
19,0	79,2	87,3	244 300	215 500	167 700	311 500	221 100	167 700	19,0
20,0	78,5	87,1	227 800	206 800	167 700	311 500	221 100	167 700	20,0
21,0	77,9	86,9	213 400	194 500	167 700	311 500	221 100	167 700	21,0
22,0	77,2	86,7	200 400	183 200	164 400	309 600	221 100	167 700	22,0
23,0	76,5	86,4	188 400	172 700	159 000	305 400	221 100	167 700	23,0
24,0	75,8	86,2	177 700	163 400	150 800	293 100	221 100	167 700	24,0
25,0	75,1	85,9	167 900	154 700	143 100	281 600	221 100	167 700	25,0
26,0	74,4	85,6	158 600	146 600	135 900	270 300	221 100	167 700	26,0
27,0	73,7	85,3	150 400	139 300	129 300	257 100	221 100	167 700	27,0
28,0	73,0	85,0	142 700	132 400	123 100	244 700	219 500	167 700	28,0
29,0	72,3	84,6	135 400	125 900	117 300	233 100	216 500	167 700	29,0
30,0	71,6	84,3	128 800	120 000	111 900	222 800	207 300	167 700	30,0
32,0	70,2	83,6	116 700	109 000	102 000	203 800	190 500	167 700	32,0
34,0	68,8	82,8	106 300	99 500	93 300	187 600	176 000	165 000	34,0
36,0	67,3	81,9	97 000	91 000	85 500	173 400	163 200	153 800	36,0
38,0	65,9	81,0	88 600	83 300	78 400	160 800	151 700	143 300	38,0
40,0	64,4	80,1	81 200	76 500	72 100	149 600	141 600	134 100	40,0
42,0	62,9	79,0	74 500	70 300	66 300	139 600	132 400	125 700	42,0
44,0	61,4	77,9	68 400	64 600	61 000	130 600	124 100	118 000	44,0
46,0	59,8	76,8	62 900	59 500	56 200	122 500	116 600	111 100	46,0
48,0	58,2	75,5	57 900	54 800	51 800	115 200	109 800	104 800	48,0
50,0	56,6	74,2	53 200	50 400	47 700	108 400	103 600	99 000	50,0
52,0	55,0	72,8	48 900	46 300	43 900	102 100	97 700	93 500	52,0
54,0	53,4	71,3	44 900	42 600	40 400	96 500	92 400	88 600	54,0
56,0	51,7	69,7	41 300	39 100	37 100	91 200	87 500	84 000	56,0
58,0	49,9	68,0	37 800	35 800	34 000	86 200	82 800	79 600	58,0
60,0	48,1	66,2	34 600	32 800	31 100	81 700	78 600	75 600	60,0
62,0	46,3	64,3	31 600	30 000	28 400	77 500	74 600	71 900	62,0
64,0	44,4	62,3	28 800	27 300	25 900	73 500	70 800	68 300	64,0
66,0	42,4	60,1	26 100	24 800	23 500	69 800	67 400	65 000	66,0
68,0	40,3	57,7	23 600	22 400	21 200	66 300	64 100	61 900	68,0
70,0	38,2	55,2	21 300	20 100	19 100	63 000	61 000	59 000	70,0
74,0	33,5	49,5	16 900	16 000	15 100	57 000	55 300	53 600	74,0
78,0	28,2	42,5	12 900	12 200	11 500	51 600	50 200	48 800	78,0
82,0	21,6	33,5	9 300	8 700	8 200	46 700	45 600	44 500	82,0

MLC650 VPC-MAX S-2



B60

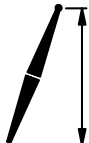
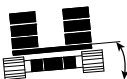
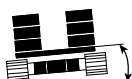
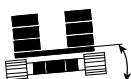
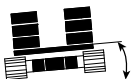
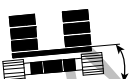
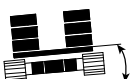


300 000 kg



360°

92,0 m

 92,0 m										
			 11,8 m			 18,3 m				
										
			0°	1°	2°	0°	1°	2°		
			kg	kg	kg	kg	kg	kg		
15,2	82,3	94,1	267 500			267 500			15,2	
16,0	81,8	94,0	267 500			267 500			16,0	
17,0	81,2	93,8	265 700	188 400		267 500	188 400		17,0	
18,0	80,6	93,6	258 000	188 400		267 500	188 400		18,0	
19,0	79,9	93,4	243 700	188 400	141 800	267 500	188 400	141 800	19,0	
20,0	79,3	93,2	227 200	188 400	141 800	267 500	188 400	141 800	20,0	
21,0	78,7	93,0	212 800	188 400	141 800	267 500	188 400	141 800	21,0	
22,0	78,0	92,8	199 700	181 300	141 800	267 500	188 400	141 800	22,0	
23,0	77,4	92,6	187 600	170 900	141 800	267 500	188 400	141 800	23,0	
24,0	76,7	92,3	176 900	161 600	141 800	267 500	188 400	141 800	24,0	
25,0	76,1	92,1	167 100	153 000	138 700	267 300	188 400	141 800	25,0	
26,0	75,5	91,8	157 800	144 900	133 500	266 100	188 400	141 800	26,0	
27,0	74,8	91,5	149 600	137 600	127 000	255 400	188 400	141 800	27,0	
28,0	74,2	91,2	141 800	130 800	120 900	244 100	188 400	141 800	28,0	
29,0	73,5	90,9	134 500	124 300	115 100	232 400	188 400	141 800	29,0	
30,0	72,9	90,6	128 000	118 400	109 900	222 100	188 400	141 800	30,0	
32,0	71,5	89,9	115 800	107 500	100 000	203 100	188 400	141 800	32,0	
34,0	70,2	89,2	105 400	98 100	91 400	186 900	174 500	141 800	34,0	
36,0	68,9	88,4	96 000	89 600	83 700	172 700	161 700	141 800	36,0	
38,0	67,5	87,6	87 700	81 900	76 700	160 000	150 300	141 000	38,0	
40,0	66,2	86,7	80 200	75 100	70 400	148 900	140 200	132 300	40,0	
42,0	64,8	85,7	73 500	68 900	64 700	138 900	131 100	124 000	42,0	
44,0	63,4	84,7	67 400	63 300	59 400	129 900	122 900	116 400	44,0	
46,0	62,0	83,6	61 900	58 200	54 700	121 700	115 400	109 500	46,0	
48,0	60,5	82,5	56 900	53 500	50 300	114 400	108 700	103 300	48,0	
50,0	59,1	81,3	52 200	49 100	46 200	107 700	102 400	97 500	50,0	
52,0	57,6	80,0	47 900	45 000	42 400	101 300	96 600	92 000	52,0	
54,0	56,1	78,7	43 900	41 400	38 900	95 700	91 300	87 200	54,0	
56,0	54,6	77,3	40 300	37 900	35 700	90 400	86 400	82 600	56,0	
58,0	53,0	75,7	36 800	34 600	32 600	85 400	81 700	78 200	58,0	
60,0	51,4	74,1	33 600	31 600	29 800	81 000	77 500	74 300	60,0	
62,0	49,8	72,4	30 600	28 800	27 100	76 700	73 600	70 600	62,0	
64,0	48,1	70,6	27 800	26 100	24 500	72 700	69 800	67 000	64,0	
66,0	46,4	68,7	25 200	23 600	22 200	69 000	66 400	63 800	66,0	
68,0	44,6	66,7	22 700	21 300	19 900	65 600	63 100	60 700	68,0	
70,0	42,8	64,6	20 300	19 000	17 800	62 200	59 900	57 700	70,0	
74,0	38,9	59,8	16 000	14 900	13 900	56 300	54 300	52 400	74,0	
78,0	34,7	54,3	12 100	11 200	10 300	50 900	49 200	47 600	78,0	
82,0	29,9	47,7	8 500			46 000	44 600	43 300	82,0	
86,0	24,2	39,6				41 600	40 500	39 300	86,0	

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

98,0 m

			11,8 m			18,3 m			
			0°	1°	2°	0°	1°	2°	
m	°	m	kg	kg	kg	kg	kg	kg	m
15,2	82,8	100,2	229 900			229 900			15,2
16,0	82,3	100,0	229 900			229 900			16,0
17,0	81,7	99,9	229 900	158 900		229 900	158 900		17,0
18,0	81,1	99,7	229 900	158 900		229 900	158 900		18,0
19,0	80,6	99,5	229 100	158 900	119 400	229 900	158 900	119 400	19,0
20,0	80,0	99,4	225 500	158 900	119 400	229 900	158 900	119 400	20,0
21,0	79,4	99,2	211 000	158 900	119 400	229 900	158 900	119 400	21,0
22,0	78,8	99,0	198 000	158 900	119 400	229 900	158 900	119 400	22,0
23,0	78,2	98,7	185 800	158 500	119 400	229 900	158 900	119 400	23,0
24,0	77,6	98,5	175 100	156 200	119 400	229 900	158 900	119 400	24,0
25,0	77,0	98,3	165 200	150 200	119 400	229 900	158 900	119 400	25,0
26,0	76,4	98,0	155 900	142 200	119 400	229 900	158 900	119 400	26,0
27,0	75,8	97,7	147 600	134 900	119 400	229 900	158 900	119 400	27,0
28,0	75,2	97,5	139 900	128 100	116 700	229 900	158 900	119 400	28,0
29,0	74,5	97,2	132 600	121 600	111 900	229 500	158 900	119 400	29,0
30,0	73,9	96,9	126 000	115 800	106 700	220 100	158 900	119 400	30,0
32,0	72,7	96,3	113 800	104 900	97 000	201 600	158 900	119 400	32,0
34,0	71,5	95,6	103 300	95 500	88 400	185 400	158 900	119 400	34,0
36,0	70,2	94,9	94 000	87 100	80 800	171 200	157 100	119 400	36,0
38,0	69,0	94,1	85 600	79 400	73 800	158 500	148 200	119 400	38,0
40,0	67,7	93,2	78 200	72 600	67 600	147 300	138 100	119 400	40,0
42,0	66,4	92,4	71 400	66 500	61 900	137 300	129 100	119 000	42,0
44,0	65,1	91,4	65 300	60 800	56 700	128 300	120 800	113 900	44,0
46,0	63,8	90,4	59 800	55 700	52 000	120 200	113 400	107 100	46,0
48,0	62,5	89,4	54 700	51 100	47 600	112 800	106 700	100 900	48,0
50,0	61,2	88,3	50 100	46 700	43 600	106 100	100 400	95 200	50,0
52,0	59,8	87,1	45 700	42 600	39 800	99 700	94 600	89 800	52,0
54,0	58,5	85,9	41 800	39 000	36 300	94 100	89 400	84 900	54,0
56,0	57,1	84,6	38 100	35 500	33 100	88 800	84 500	80 400	56,0
58,0	55,6	83,2	34 600	32 200	30 000	83 800	79 800	76 000	58,0
60,0	54,2	81,8	31 400	29 300	27 200	79 300	75 600	72 100	60,0
62,0	52,7	80,2	28 400	26 400	24 500	75 100	71 700	68 400	62,0
64,0	51,2	78,6	25 600	23 700	22 000	71 100	67 900	64 900	64,0
66,0	49,7	76,9	23 000	21 300	19 700	67 400	64 500	61 700	66,0
68,0	48,1	75,1	20 500	18 900	17 400	63 900	61 200	58 600	68,0
70,0	46,5	73,2	18 100	16 700	15 300	60 600	58 100	55 700	70,0
74,0	43,1	69,1	13 800	12 600	11 400	54 600	52 500	50 400	74,0
78,0	39,5	64,4	9 900	8 900		49 300	47 400	45 600	78,0
82,0	35,6	59,0				44 400	42 800	41 200	82,0
86,0	31,3	52,8				40 100	38 700	37 300	86,0
90,0	26,3	45,3				36 100	34 900	33 800	90,0
94,0	20,2	35,6				32 400	31 400	30 500	94,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

104,0 m

104,0 m									
 m	 °	 m	11,8 m			18,3 m			 m
			 0°	 1°	 2°	 0°	 1°	 2°	
			kg	kg	kg	kg	kg	kg	
16,8	82,4	106,0	209 200			209 200			16,8
17,0	82,2	106,0	209 200			209 200			17,0
18,0	81,7	105,8	209 200			209 200			18,0
19,0	81,1	105,6	209 200	139 500		209 200	139 500		19,0
20,0	80,5	105,5	209 200	139 500	104 700	209 200	139 500	104 700	20,0
21,0	80,0	105,3	209 200	139 500	104 700	209 200	139 500	104 700	21,0
22,0	79,4	105,1	204 700	139 500	104 700	209 200	139 500	104 700	22,0
23,0	78,9	104,9	197 200	139 500	104 700	209 200	139 500	104 700	23,0
24,0	78,3	104,7	185 900	139 500	104 700	209 200	139 500	104 700	24,0
25,0	77,7	104,4	175 500	139 500	104 700	209 200	139 500	104 700	25,0
26,0	77,2	104,2	165 700	139 500	104 700	209 200	139 500	104 700	26,0
27,0	76,6	104,0	157 000	139 500	104 700	209 200	139 500	104 700	27,0
28,0	76,0	103,7	148 800	135 600	104 700	209 200	139 500	104 700	28,0
29,0	75,5	103,4	141 100	128 900	104 700	209 200	139 500	104 700	29,0
30,0	74,9	103,1	134 200	122 800	104 700	209 200	139 500	104 700	30,0
32,0	73,7	102,6	121 400	111 500	102 600	200 800	139 500	104 700	32,0
34,0	72,6	101,9	110 300	101 600	93 700	184 700	139 500	104 700	34,0
36,0	71,4	101,2	100 500	92 800	85 800	170 400	139 500	104 700	36,0
38,0	70,2	100,5	91 700	84 800	78 500	157 700	139 500	104 700	38,0
40,0	69,1	99,7	83 800	77 700	72 000	146 500	136 800	104 700	40,0
42,0	67,9	98,9	76 800	71 200	66 100	136 500	127 700	104 700	42,0
44,0	66,7	98,1	70 300	65 300	60 700	127 500	119 500	104 700	44,0
46,0	65,5	97,1	64 500	60 000	55 800	119 300	112 100	104 000	46,0
48,0	64,2	96,2	59 200	55 100	51 200	112 000	105 400	98 900	48,0
50,0	63,0	95,1	54 300	50 500	47 000	105 200	99 200	93 600	50,0
52,0	61,7	94,1	49 700	46 300	43 000	98 900	93 400	88 300	52,0
54,0	60,5	92,9	45 600	42 400	39 500	93 200	88 200	83 500	54,0
56,0	59,2	91,7	41 700	38 800	36 100	87 900	83 300	78 900	56,0
58,0	57,9	90,5	38 100	35 400	32 800	83 000	78 700	74 600	58,0
60,0	56,6	89,1	34 700	32 300	29 900	78 500	74 500	70 800	60,0
62,0	55,2	87,7	31 600	29 300	27 100	74 200	70 600	67 100	62,0
64,0	53,9	86,3	28 600	26 500	24 500	70 200	66 800	63 600	64,0
66,0	52,5	84,7	25 900	23 900	22 100	66 600	63 400	60 400	66,0
68,0	51,1	83,1	23 300	21 400	19 700	63 100	60 100	57 300	68,0
70,0	49,6	81,4	20 800	19 100	17 500	59 800	57 000	54 400	70,0
74,0	46,6	77,7	16 300	14 800	13 400	53 800	51 400	49 100	74,0
78,0	43,4	73,6	12 200	11 000	9 800	48 400	46 400	44 300	78,0
82,0	40,1	69,0	8 500			43 600	41 800	40 000	82,0
86,0	36,5	63,8				39 200	37 700	36 100	86,0
90,0	32,5	57,8				35 300	33 900	32 600	90,0
94,0	28,0	50,7				31 600	30 400	29 300	94,0
98,0	22,7	42,0				28 200	27 300	26 300	98,0

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

110,0 m

			11,8 m			18,3 m			
			0°	1°	2°	0°	1°	2°	
m	°	m	kg	kg	kg	kg	kg	kg	m
18,3	82,0	111,8	182 300	117 700		182 300	117 700		18,3
19,0	81,6	111,7	182 300	117 700		182 300	117 700		19,0
20,0	81,1	111,6	182 300	117 700		182 300	117 700		20,0
21,0	80,5	111,4	182 300	117 700		182 300	117 700		21,0
22,0	80,0	111,2	182 300	117 700	87 800	182 300	117 700	87 800	22,0
23,0	79,5	111,0	182 000	117 700	87 800	182 300	117 700	87 800	23,0
24,0	78,9	110,8	180 100	117 700	87 800	182 300	117 700	87 800	24,0
25,0	78,4	110,6	173 300	117 700	87 800	182 300	117 700	87 800	25,0
26,0	77,9	110,4	163 500	117 700	87 800	182 300	117 700	87 800	26,0
27,0	77,3	110,1	154 800	117 700	87 800	182 300	117 700	87 800	27,0
28,0	76,8	109,9	146 600	117 700	87 800	182 300	117 700	87 800	28,0
29,0	76,3	109,6	138 900	117 700	87 800	182 300	117 700	87 800	29,0
30,0	75,7	109,4	131 900	117 200	87 800	182 300	117 700	87 800	30,0
32,0	74,7	108,8	119 100	108 600	87 800	182 300	117 700	87 800	32,0
34,0	73,6	108,2	108 000	98 800	87 300	180 100	117 700	87 800	34,0
36,0	72,5	107,6	98 100	89 900	82 600	168 700	117 700	87 800	36,0
38,0	71,4	106,9	89 300	82 000	75 400	156 000	117 700	87 800	38,0
40,0	70,3	106,2	81 500	74 900	69 000	144 900	117 700	87 800	40,0
42,0	69,1	105,4	74 400	68 500	63 100	134 800	117 700	87 800	42,0
44,0	68,0	104,6	67 900	62 600	57 700	125 800	116 700	87 800	44,0
46,0	66,9	103,7	62 100	57 300	52 800	117 600	110 000	87 800	46,0
48,0	65,7	102,8	56 800	52 400	48 300	110 300	103 300	87 800	48,0
50,0	64,6	101,9	51 900	47 900	44 100	103 500	97 100	87 200	50,0
52,0	63,4	100,9	47 300	43 600	40 200	97 100	91 300	85 900	52,0
54,0	62,2	99,8	43 200	39 800	36 600	91 500	86 100	81 100	54,0
56,0	61,1	98,7	39 300	36 200	33 200	86 200	81 300	76 600	56,0
58,0	59,8	97,5	35 600	32 800	30 100	81 200	76 700	72 400	58,0
60,0	58,6	96,3	32 300	29 700	27 200	76 700	72 500	68 500	60,0
62,0	57,4	95,0	29 200	26 700	24 400	72 500	68 600	64 900	62,0
64,0	56,1	93,7	26 200	23 900	21 700	68 500	64 800	61 400	64,0
66,0	54,9	92,3	23 500	21 300	19 300	64 800	61 400	58 200	66,0
68,0	53,6	90,8	20 900	18 900	17 000	61 300	58 200	55 100	68,0
70,0	52,2	89,2	18 400	16 500	14 800	58 000	55 100	52 200	70,0
74,0	49,5	85,9	13 900	12 300	10 800	52 100	49 500	47 000	74,0
78,0	46,7	82,2	9 800			46 700	44 400	42 300	78,0
82,0	43,7	78,1				41 900	39 900	38 000	82,0
86,0	40,6	73,6				37 500	35 800	34 100	86,0
90,0	37,2	68,5				33 600	32 000	30 600	90,0
94,0	33,5	62,7				29 900	28 600	27 300	94,0
98,0	29,5	56,0				26 600	25 400	24 300	98,0
102,0	24,8	47,9				23 500	22 500	21 600	102,0
106,0	19,0	37,6				20 600	19 800	19 000	106,0

MLC650 VPC-MAX S-2



B60

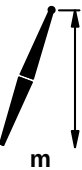
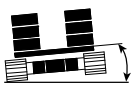
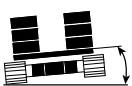
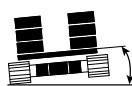
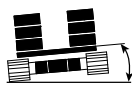
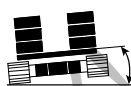
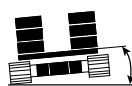


300 000 kg



360°

116,0 m

116,0 m									
 m	 °	 m	11,8 m			18,3 m			 m
			 0° kg	 1° kg	 2° kg	 0° kg	 1° kg	 2° kg	
18,3	82,4	117,9	157 900			157 900			18,3
19,0	82,0	117,8	157 900			157 900			19,0
20,0	81,5	117,6	157 900	100 100		157 900	100 100		20,0
21,0	81,0	117,5	157 900	100 100		157 900	100 100		21,0
22,0	80,5	117,3	157 900	100 100	73 300	157 900	100 100	73 300	22,0
23,0	80,0	117,1	157 900	100 100	73 300	157 900	100 100	73 300	23,0
24,0	79,5	116,9	157 900	100 100	73 300	157 900	100 100	73 300	24,0
25,0	79,0	116,7	157 900	100 100	73 300	157 900	100 100	73 300	25,0
26,0	78,5	116,5	157 500	100 100	73 300	157 900	100 100	73 300	26,0
27,0	78,0	116,3	153 200	100 100	73 300	157 900	100 100	73 300	27,0
28,0	77,5	116,1	146 900	100 100	73 300	157 900	100 100	73 300	28,0
29,0	77,0	115,8	139 100	100 100	73 300	157 900	100 100	73 300	29,0
30,0	76,5	115,6	132 200	100 100	73 300	157 900	100 100	73 300	30,0
32,0	75,5	115,1	119 300	100 100	73 300	157 900	100 100	73 300	32,0
34,0	74,4	114,5	108 200	98 100	73 300	157 900	100 100	73 300	34,0
36,0	73,4	113,9	98 400	89 700	73 300	157 900	100 100	73 300	36,0
38,0	72,4	113,2	89 500	81 800	73 300	155 800	100 100	73 300	38,0
40,0	71,3	112,6	81 700	74 700	68 500	145 000	100 100	73 300	40,0
42,0	70,3	111,8	74 600	68 300	62 600	135 000	100 100	73 300	42,0
44,0	69,2	111,1	68 100	62 500	57 300	125 900	100 100	73 300	44,0
46,0	68,2	110,3	62 300	57 100	52 400	117 800	100 100	73 300	46,0
48,0	67,1	109,4	57 000	52 300	48 000	110 400	100 100	73 300	48,0
50,0	66,0	108,5	52 100	47 800	43 800	103 700	96 700	73 300	50,0
52,0	64,9	107,6	47 500	43 500	39 900	97 300	91 200	73 300	52,0
54,0	63,8	106,6	43 400	39 700	36 400	91 600	86 000	73 300	54,0
56,0	62,7	105,5	39 500	36 100	33 000	86 400	81 100	72 900	56,0
58,0	61,6	104,5	35 800	32 700	29 900	81 400	76 500	72 000	58,0
60,0	60,4	103,3	32 500	29 600	27 000	76 900	72 400	68 200	60,0
62,0	59,3	102,1	29 400	26 700	24 200	72 600	68 500	64 600	62,0
64,0	58,1	100,9	26 400	23 900	21 600	68 600	64 700	61 100	64,0
66,0	56,9	99,6	23 700	21 400	19 200	65 000	61 400	57 900	66,0
68,0	55,7	98,2	21 000	18 900	16 900	61 500	58 100	54 900	68,0
70,0	54,5	96,8	18 600	16 600	14 700	58 200	55 000	52 000	70,0
74,0	52,0	93,7	14 100	12 400	10 700	52 200	49 500	46 800	74,0
78,0	49,5	90,4	10 100			46 900	44 400	42 100	78,0
82,0	46,8	86,7				42 000	39 900	37 800	82,0
86,0	44,0	82,6				37 700	35 800	34 000	86,0
90,0	41,0	78,2				33 800	32 100	30 500	90,0
94,0	37,8	73,2				30 100	28 700	27 200	94,0
98,0	34,4	67,6				26 800	25 500	24 300	98,0
102,0	30,7	61,1				23 800	22 600	21 500	102,0
106,0	26,5	53,6				20 900	20 000	19 000	106,0
110,0	21,5	44,3				18 300	17 500	16 600	110,0

300 000 kg

360°

122,0 m

Manitowoc Cranes
Manitowoc, Wisconsin 54220 U.S.A.

9627-AM, 2018-11-30
17/20

MLC650 VPC-MAX S-2



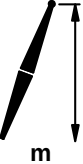
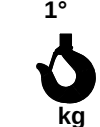
B60



300 000 kg



360°

128,0 m								
			11,8 m		18,3 m			
								
m	°	m	kg	kg	kg	kg	m	
19,8	82,4	129,8	119 800		119 800		19,8	
20,0	82,3	129,8	119 800		119 800		20,0	
21,0	81,9	129,6	119 800		119 800		21,0	
22,0	81,4	129,5	119 800	70 400	119 800	70 400	22,0	
23,0	81,0	129,3	119 800	70 400	119 800	70 400	23,0	
24,0	80,5	129,1	119 800	70 400	119 800	70 400	24,0	
25,0	80,1	128,9	119 800	70 400	119 800	70 400	25,0	
26,0	79,6	128,7	119 800	70 400	119 800	70 400	26,0	
27,0	79,2	128,5	119 800	70 400	119 800	70 400	27,0	
28,0	78,7	128,3	119 800	70 400	119 800	70 400	28,0	
29,0	78,2	128,1	119 800	70 400	119 800	70 400	29,0	
30,0	77,8	127,9	119 800	70 400	119 800	70 400	30,0	
32,0	76,9	127,4	117 100	70 400	119 700	70 400	32,0	
34,0	75,9	126,9	106 000	70 400	119 600	70 400	34,0	
36,0	75,0	126,4	96 100	70 400	119 400	70 400	36,0	
38,0	74,1	125,8	87 200	70 400	119 300	70 400	38,0	
40,0	73,1	125,2	79 300	69 800	119 200	70 400	40,0	
42,0	72,2	124,5	72 200	65 300	119 100	70 400	42,0	
44,0	71,3	123,9	65 800	59 500	118 900	70 400	44,0	
46,0	70,3	123,1	59 900	54 200	116 000	70 400	46,0	
48,0	69,3	122,4	54 600	49 400	108 700	70 400	48,0	
50,0	68,4	121,6	49 700	44 900	101 900	70 300	50,0	
52,0	67,4	120,7	45 100	40 700	95 500	70 300	52,0	
54,0	66,4	119,9	40 900	36 900	89 800	70 200	54,0	
56,0	65,4	118,9	37 000	33 300	84 500	70 200	56,0	
58,0	64,5	118,0	33 400	29 900	79 500	70 000	58,0	
60,0	63,4	117,0	30 100	26 800	75 100	68 700	60,0	
62,0	62,4	115,9	26 900	23 900	70 800	66 200	62,0	
64,0	61,4	114,8	23 900	21 100	66 800	62 500	64,0	
66,0	60,4	113,7	21 200	18 600	63 100	59 100	66,0	
68,0	59,3	112,5	18 600	16 100	59 600	55 900	68,0	
70,0	58,3	111,3	16 100	13 800	56 300	52 800	70,0	
74,0	56,1	108,6	11 600		50 400	47 200	74,0	
78,0	53,9	105,7			45 000	42 300	78,0	
82,0	51,7	102,6			40 200	37 700	82,0	
86,0	49,3	99,3			35 900	33 700	86,0	
90,0	46,9	95,6			31 900	30 000	90,0	
94,0	44,4	91,6			28 300	26 600	94,0	
98,0	41,7	87,2			25 000	23 400	98,0	
102,0	38,9	82,4			22 000	20 600	102,0	
106,0	35,9	77,1			19 100	17 900	106,0	
110,0	32,7	71,1			16 500	15 400	110,0	
114,0	29,1	64,2			14 100	13 100	114,0	
118,0	25,1	56,2			11 800	11 000	118,0	
122,0	20,4	46,3			9 700		122,0	

MLC650 VPC-MAX S-2



B60



300 000 kg



360°

134,0 m					
		11,8 m		18,3 m	
m	°	m	kg	kg	m
19,8	82,8	135,9	112 000	112 000	19,8
20,0	82,7	135,8	112 000	112 000	20,0
21,0	82,2	135,7	112 000	112 000	21,0
22,0	81,8	135,5	112 000	112 000	22,0
23,0	81,4	135,4	112 000	112 000	23,0
24,0	80,9	135,2	112 000	112 000	24,0
25,0	80,5	135,0	112 000	112 000	25,0
26,0	80,1	134,9	112 000	112 000	26,0
27,0	79,6	134,7	112 000	112 000	27,0
28,0	79,2	134,5	111 900	111 900	28,0
29,0	78,8	134,3	111 900	111 900	29,0
30,0	78,3	134,1	111 800	111 800	30,0
32,0	77,5	133,6	111 700	111 700	32,0
34,0	76,6	133,1	103 700	111 600	34,0
36,0	75,7	132,6	93 800	111 500	36,0
38,0	74,8	132,1	84 900	111 300	38,0
40,0	73,9	131,5	77 000	111 200	40,0
42,0	73,0	130,9	69 900	111 000	42,0
44,0	72,1	130,2	63 400	110 700	44,0
46,0	71,2	129,5	57 600	110 100	46,0
48,0	70,3	128,8	52 300	105 800	48,0
50,0	69,4	128,0	47 300	100 100	50,0
52,0	68,5	127,2	42 700	93 800	52,0
54,0	67,6	126,4	38 600	88 100	54,0
56,0	66,6	125,5	34 700	82 800	56,0
58,0	65,7	124,6	31 000	77 800	58,0
60,0	64,7	123,7	27 700	73 300	60,0
62,0	63,8	122,7	24 500	69 000	62,0
64,0	62,8	121,7	21 500	65 000	64,0
66,0	61,8	120,6	18 800	61 400	66,0
68,0	60,9	119,5	16 200	57 900	68,0
70,0	59,9	118,3	13 700	54 600	70,0
74,0	57,9	115,8	9 200	48 600	74,0
78,0	55,8	113,1		43 200	78,0
82,0	53,7	110,3		38 400	82,0
86,0	51,5	107,1		34 100	86,0
90,0	49,3	103,8		30 100	90,0
94,0	47,0	100,1		26 500	94,0
98,0	44,6	96,1		23 200	98,0
102,0	42,0	91,8		20 200	102,0
106,0	39,4	87,0		17 400	106,0
110,0	36,6	81,8		14 800	110,0
114,0	33,5	75,9		12 300	114,0
118,0	30,2	69,4		10 100	118,0

MLC650 VPC-MAX S-2



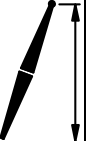
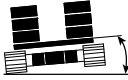
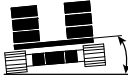
B60



300 000 kg



360°

140,0 m					
 m	 °	 m	 11,8 m	 18,3 m	 m
			 0° kg	 0° kg	
21,3	82,4	141,7	97 600	97 600	21,3
22,0	82,2	141,6	97 500	97 500	22,0
23,0	81,8	141,5	97 500	97 500	23,0
24,0	81,3	141,3	97 500	97 500	24,0
25,0	80,9	141,1	97 500	97 500	25,0
26,0	80,5	141,0	97 400	97 400	26,0
27,0	80,1	140,8	97 400	97 400	27,0
28,0	79,7	140,6	97 300	97 300	28,0
29,0	79,3	140,4	97 300	97 300	29,0
30,0	78,8	140,2	97 200	97 200	30,0
32,0	78,0	139,8	97 100	97 100	32,0
34,0	77,2	139,3	97 000	97 000	34,0
36,0	76,3	138,8	93 200	96 900	36,0
38,0	75,5	138,3	84 800	96 700	38,0
40,0	74,6	137,7	76 900	96 500	40,0
42,0	73,8	137,1	69 800	96 400	42,0
44,0	72,9	136,5	63 300	96 100	44,0
46,0	72,1	135,9	57 400	96 000	46,0
48,0	71,2	135,2	52 100	95 800	48,0
50,0	70,3	134,5	47 100	95 100	50,0
52,0	69,4	133,7	42 500	93 600	52,0
54,0	68,6	132,9	38 400	88 000	54,0
56,0	67,7	132,1	34 500	82 700	56,0
58,0	66,8	131,2	30 800	77 600	58,0
60,0	65,9	130,3	27 500	73 100	60,0
62,0	65,0	129,4	24 300	68 900	62,0
64,0	64,1	128,4	21 300	64 800	64,0
66,0	63,2	127,4	18 600	61 200	66,0
68,0	62,2	126,3	16 000	57 700	68,0
70,0	61,3	125,2	13 500	54 400	70,0
74,0	59,4	122,9		48 400	74,0
78,0	57,5	120,4		43 100	78,0
82,0	55,5	117,7		38 200	82,0
86,0	53,5	114,8		33 900	86,0
90,0	51,4	111,6		30 000	90,0
94,0	49,2	108,2		26 400	94,0
98,0	47,0	104,6		23 100	98,0
102,0	44,7	100,6		20 000	102,0
106,0	42,3	96,3		17 200	106,0
110,0	39,8	91,6		14 600	110,0
114,0	37,1	86,5		12 200	114,0
118,0	34,3	80,8		10 000	118,0