

Liftcrane Boom Capacities With Luffing Jib Attached


Boom No. B10:680

Luffing Jib No. LJ10:681-682

300 000 kg VPC (Variable Position Counterweight)

360 Degree Rating

MLC650 SERIES 2

 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths, luffing jib lengths, boom-to-luffing jib angles, and boom 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.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of load. Weight of luffing jib and 15 875 kg suspended beneath luffing jib point sheaves have been included in capacity determination. 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. Supporting surface and bearing turntable are to be level within a tolerance of 13 mm in 3 m. During operation, luffing jib must be maintained at proper boom-to-luffing jib angle shown in table. Refer to Luffing Jib Rigging **No. 81018143**, Wire Rope Specifications chart **No. 9855-A**, Counterweight Arrangements chart **No. 9349-A**, Luffing Jib Raising Procedure chart **No. 9521-AM**, and Wind Conditions chart **No. 9523-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9522-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 11 125 mm crawlers, 1 524 mm or 2 032 mm treads, 11 m live mast, 30 part boom hoist reeving, boom support straps, 20 part luffing jib hoist reeving, luffing jib and backstay support straps, and 300 000 kg VPC.

Consult chart **No. 9394-AM** for luffing jib capacities.

Luffing Jib Position During Operation	
Luffing Jib Length Meters	Boom-to-Luffing Jib Angle Degrees
26,0 - 29,0	140
32,0 - 44,0	155
47,0 - 101,0	169

Explanation of Symbols



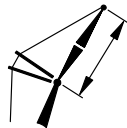
LJ10 Luffing Jib No. LJ10:681-682
+
B10 Boom No. B10:680



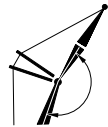
VPC (Variable Position Counterweight)



360 Degree Rating



Luffing Jib Length



Boom-to-Luffing Jib Angle



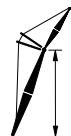
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)

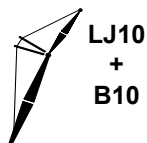


Lifting Capacities
(see page 1)

REFERENCE ONLY!

MLC650 S-2

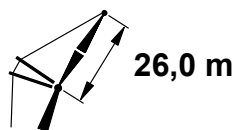
ASME B30.5



300 000 kg



360°



26,0 m



140°

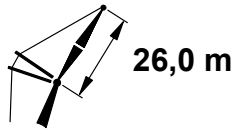
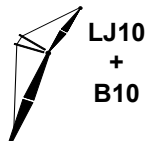
38,0 m			
ft	°	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	340 300
12,0	76,1	39,7	311 000
14,0	73,0	39,0	261 300
16,0	69,8	38,3	205 800
18,0	66,5	37,4	163 300
20,0	63,1	36,4	131 700
22,0	59,6	35,2	107 600
24,0	55,9	33,8	88 100
26,0	52,1	32,2	72 100
28,0	48,0	30,4	59 100
30,0	43,7	28,3	48 000

44,0 m			
ft	°	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 600
12,0	78,1	45,9	311 500
14,0	75,4	45,3	262 500
16,0	72,7	44,7	207 900
18,0	69,9	44,0	165 100
20,0	67,0	43,1	133 300
22,0	64,1	42,1	109 100
24,0	61,2	41,0	89 400
26,0	58,1	39,7	73 400
28,0	54,9	38,3	60 200
30,0	51,6	36,7	49 000
32,0	48,0	34,9	39 300
34,0	44,3	32,9	31 100

50,0 m			
ft	°	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 900
14,0	77,2	51,5	262 600
16,0	74,8	51,0	209 000
18,0	72,4	50,3	166 000
20,0	69,9	49,6	134 100
22,0	67,5	48,7	109 700
24,0	64,9	47,8	89 900
26,0	62,3	46,7	73 800
28,0	59,7	45,5	60 500
30,0	56,9	44,2	49 200
32,0	54,1	42,8	39 500
34,0	51,1	41,1	31 200
36,0	48,0	39,3	23 900
38,0	44,8	37,3	17 500

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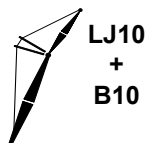


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	261 700
16,0	76,5	57,2	209 600
18,0	74,3	56,6	166 400
20,0	72,2	56,0	134 300
22,0	70,0	55,2	109 700
24,0	67,8	54,4	89 900
26,0	65,5	53,5	73 600
28,0	63,2	52,5	60 300
30,0	60,9	51,3	49 000
32,0	58,5	50,1	39 200
34,0	56,0	48,7	30 800
36,0	53,5	47,3	23 500
38,0	50,8	45,6	17 000
40,0	48,1	43,8	11 300

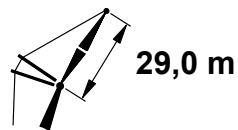
62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 400
14,0	79,7	63,9	260 800
16,0	77,8	63,4	210 100
18,0	75,9	62,9	166 600
20,0	74,0	62,3	134 400
22,0	72,0	61,6	109 700
24,0	70,1	60,9	89 700
26,0	68,1	60,1	73 400
28,0	66,0	59,2	60 000
30,0	64,0	58,2	48 600
32,0	61,9	57,1	38 700
34,0	59,7	55,9	30 300
36,0	57,5	54,7	23 000
38,0	55,3	53,3	16 400

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300 000 kg



38,0 m

ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	336 900
12,0	76,1	39,7	307 800
14,0	73,0	39,0	252 500
16,0	69,8	38,3	197 100
18,0	66,5	37,4	155 400
20,0	63,1	36,4	124 400
22,0	59,6	35,2	100 800
24,0	55,9	33,8	81 700
26,0	52,1	32,2	66 100
28,0	48,0	30,4	53 400
30,0	43,7	28,3	42 500

44,0 m

ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 500
12,0	78,1	45,9	308 900
14,0	75,4	45,3	253 500
16,0	72,7	44,7	199 300
18,0	69,9	44,0	157 400
20,0	67,0	43,1	126 200
22,0	64,1	42,1	102 400
24,0	61,2	41,0	83 200
26,0	58,1	39,7	67 500
28,0	54,9	38,3	54 600
30,0	51,6	36,7	43 600
32,0	48,0	34,9	34 200
34,0	44,3	32,9	26 200

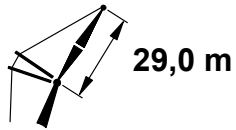
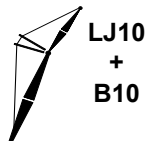
50,0 m

ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 900
14,0	77,2	51,5	253 500
16,0	74,8	51,0	200 700
18,0	72,4	50,3	158 500
20,0	69,9	49,6	127 200
22,0	67,5	48,7	103 200
24,0	64,9	47,8	83 900
26,0	62,3	46,7	68 000
28,0	59,7	45,5	55 000
30,0	56,9	44,2	44 000
32,0	54,1	42,8	34 500
34,0	51,1	41,1	26 400
36,0	48,0	39,3	19 200
38,0	44,8	37,3	12 900

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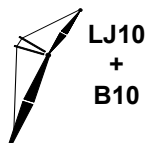


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	252 700
16,0	76,5	57,2	201 400
18,0	74,3	56,6	159 000
20,0	72,2	56,0	127 500
22,0	70,0	55,2	103 400
24,0	67,8	54,4	83 900
26,0	65,5	53,5	68 000
28,0	63,2	52,5	54 900
30,0	60,9	51,3	43 800
32,0	58,5	50,1	34 200
34,0	56,0	48,7	26 100
36,0	53,5	47,3	18 900
38,0	50,8	45,6	12 500

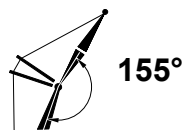
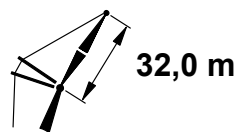
62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 400
14,0	79,7	63,9	251 900
16,0	77,8	63,4	202 000
18,0	75,9	62,9	159 300
20,0	74,0	62,3	127 700
22,0	72,0	61,6	103 500
24,0	70,1	60,9	83 900
26,0	68,1	60,1	67 800
28,0	66,0	59,2	54 700
30,0	64,0	58,2	43 500
32,0	61,9	57,1	33 800
34,0	59,7	55,9	25 600
36,0	57,5	54,7	18 400
38,0	55,3	53,3	12 000

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ASME B30.5



300 000 kg



38,0 m

ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	340 700
12,0	76,1	39,7	312 200
14,0	73,0	39,0	258 900
16,0	69,8	38,3	202 100
18,0	66,5	37,4	158 700
20,0	63,1	36,4	126 400
22,0	59,6	35,2	101 700
24,0	55,9	33,8	81 700
26,0	52,1	32,2	65 300
28,0	48,0	30,4	51 900
30,0	43,7	28,3	40 500
32,0	38,9	25,9	30 600
34,0	33,5	22,9	21 600

44,0 m

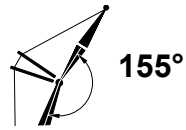
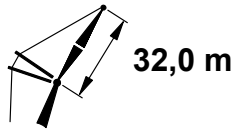
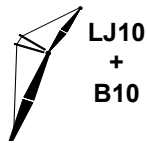
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 600
12,0	78,1	45,9	312 200
14,0	75,4	45,3	260 600
16,0	72,7	44,7	205 300
18,0	69,9	44,0	161 600
20,0	67,0	43,1	129 100
22,0	64,1	42,1	104 300
24,0	61,2	41,0	84 200
26,0	58,1	39,7	67 800
28,0	54,9	38,3	54 300
30,0	51,6	36,7	42 800
32,0	48,0	34,9	32 900
34,0	44,3	32,9	24 400
36,0	40,3	30,5	17 000
38,0	35,9	27,8	8 700

50,0 m

ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 900
14,0	77,2	51,5	261 200
16,0	74,8	51,0	207 300
18,0	72,4	50,3	163 400
20,0	69,9	49,6	130 800
22,0	67,5	48,7	105 800
24,0	64,9	47,8	85 600
26,0	62,3	46,7	69 100
28,0	59,7	45,5	55 500
30,0	56,9	44,2	44 000
32,0	54,1	42,8	34 000
34,0	51,1	41,1	25 500
36,0	48,0	39,3	18 000
38,0	44,8	37,3	11 300

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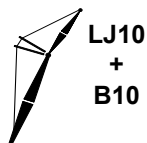


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	260 800
16,0	76,5	57,2	208 500
18,0	74,3	56,6	164 300
20,0	72,2	56,0	131 600
22,0	70,0	55,2	106 500
24,0	67,8	54,4	86 200
26,0	65,5	53,5	69 600
28,0	63,2	52,5	56 000
30,0	60,9	51,3	44 400
32,0	58,5	50,1	34 300
34,0	56,0	48,7	25 800
36,0	53,5	47,3	18 300
38,0	50,8	45,6	11 600

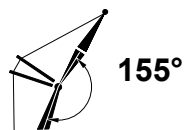
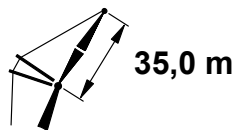
62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 400
14,0	79,7	63,9	259 900
16,0	77,8	63,4	209 500
18,0	75,9	62,9	165 100
20,0	74,0	62,3	132 200
22,0	72,0	61,6	107 000
24,0	70,1	60,9	86 600
26,0	68,1	60,1	69 900
28,0	66,0	59,2	56 200
30,0	64,0	58,2	44 500
32,0	61,9	57,1	34 400
34,0	59,7	55,9	25 900
36,0	57,5	54,7	18 300
38,0	55,3	53,3	11 600

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	339 500
12,0	76,1	39,7	309 700
14,0	73,0	39,0	250 300
16,0	69,8	38,3	194 200
18,0	66,5	37,4	151 300
20,0	63,1	36,4	119 500
22,0	59,6	35,2	95 200
24,0	55,9	33,8	75 500
26,0	52,1	32,2	59 400
28,0	48,0	30,4	46 200
30,0	43,7	28,3	35 000
32,0	38,9	25,9	25 300
34,0	33,5	22,9	15 300

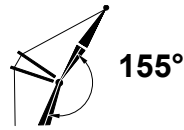
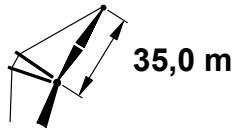
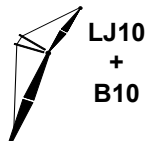
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 600
12,0	78,1	45,9	311 000
14,0	75,4	45,3	252 400
16,0	72,7	44,7	197 700
18,0	69,9	44,0	154 600
20,0	67,0	43,1	122 600
22,0	64,1	42,1	98 100
24,0	61,2	41,0	78 300
26,0	58,1	39,7	62 100
28,0	54,9	38,3	48 800
30,0	51,6	36,7	37 500
32,0	48,0	34,9	27 700
34,0	44,3	32,9	19 400
36,0	40,3	30,5	11 400

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 900
14,0	77,2	51,5	253 200
16,0	74,8	51,0	200 000
18,0	72,4	50,3	156 600
20,0	69,9	49,6	124 400
22,0	67,5	48,7	99 800
24,0	64,9	47,8	79 900
26,0	62,3	46,7	63 600
28,0	59,7	45,5	50 200
30,0	56,9	44,2	38 800
32,0	54,1	42,8	29 000
34,0	51,1	41,1	20 600
36,0	48,0	39,3	13 300

REFERENCE

MLC650 S-2

ASME B30.5



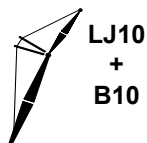
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	253 100
16,0	76,5	57,2	201 400
18,0	74,3	56,6	157 800
20,0	72,2	56,0	125 500
22,0	70,0	55,2	100 700
24,0	67,8	54,4	80 700
26,0	65,5	53,5	64 300
28,0	63,2	52,5	50 900
30,0	60,9	51,3	39 400
32,0	58,5	50,1	29 500
34,0	56,0	48,7	21 100
36,0	53,5	47,3	13 700

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 400
14,0	79,7	63,9	252 800
16,0	77,8	63,4	202 500
18,0	75,9	62,9	158 700
20,0	74,0	62,3	126 200
22,0	72,0	61,6	101 400
24,0	70,1	60,9	81 200
26,0	68,1	60,1	64 700
28,0	66,0	59,2	51 200
30,0	64,0	58,2	39 700
32,0	61,9	57,1	29 800
34,0	59,7	55,9	21 300
36,0	57,5	54,7	13 800

REFERENCE ONLY!

MLC650 S-2

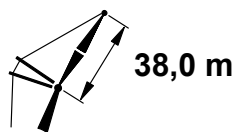
ASME B30.5



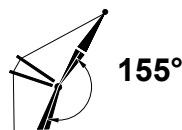
300 000 kg



360°



38,0 m



155°

38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	336 800
12,0	76,1	39,7	305 900
14,0	73,0	39,0	245 300
16,0	69,8	38,3	189 300
18,0	66,5	37,4	146 900
20,0	63,1	36,4	115 400
22,0	59,6	35,2	91 400
24,0	55,9	33,8	71 900
26,0	52,1	32,2	56 000
28,0	48,0	30,4	43 000
30,0	43,7	28,3	31 900
32,0	38,9	25,9	22 300

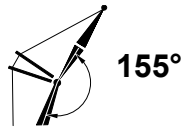
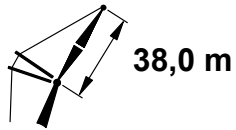
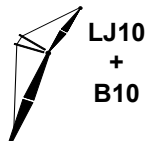
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 500
12,0	78,1	45,9	307 800
14,0	75,4	45,3	247 600
16,0	72,7	44,7	193 100
18,0	69,9	44,0	150 400
20,0	67,0	43,1	118 700
22,0	64,1	42,1	94 500
24,0	61,2	41,0	74 900
26,0	58,1	39,7	58 900
28,0	54,9	38,3	45 800
30,0	51,6	36,7	34 600
32,0	48,0	34,9	24 900
34,0	44,3	32,9	16 700

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	307 400
14,0	77,2	51,5	248 500
16,0	74,8	51,0	195 500
18,0	72,4	50,3	152 600
20,0	69,9	49,6	120 800
22,0	67,5	48,7	96 400
24,0	64,9	47,8	76 700
26,0	62,3	46,7	60 600
28,0	59,7	45,5	47 400
30,0	56,9	44,2	36 100
32,0	54,1	42,8	26 400
34,0	51,1	41,1	18 100
36,0	48,0	39,3	10 700

REFERENCE

MLC650 S-2

ASME B30.5



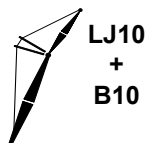
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	248 600
16,0	76,5	57,2	197 100
18,0	74,3	56,6	154 000
20,0	72,2	56,0	121 900
22,0	70,0	55,2	97 400
24,0	67,8	54,4	77 600
26,0	65,5	53,5	61 400
28,0	63,2	52,5	48 100
30,0	60,9	51,3	36 800
32,0	58,5	50,1	27 000
34,0	56,0	48,7	18 700
36,0	53,5	47,3	11 400

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 100
14,0	79,7	63,9	248 500
16,0	77,8	63,4	198 400
18,0	75,9	62,9	155 000
20,0	74,0	62,3	122 800
22,0	72,0	61,6	98 200
24,0	70,1	60,9	78 300
26,0	68,1	60,1	61 900
28,0	66,0	59,2	48 600
30,0	64,0	58,2	37 200
32,0	61,9	57,1	27 300
34,0	59,7	55,9	19 000
36,0	57,5	54,7	11 500

REFERENCE ONLY!

MLC650 S-2

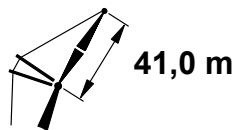
ASME B30.5



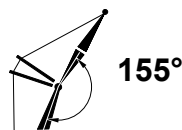
300 000 kg



360°



41,0 m



155°

38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	334 000
12,0	76,1	39,7	297 400
14,0	73,0	39,0	236 300
16,0	69,8	38,3	181 100
18,0	66,5	37,4	139 300
20,0	63,1	36,4	108 300
22,0	59,6	35,2	84 600
24,0	55,9	33,8	65 400
26,0	52,1	32,2	49 800
28,0	48,0	30,4	37 000
30,0	43,7	28,3	26 100
32,0	38,9	25,9	16 200

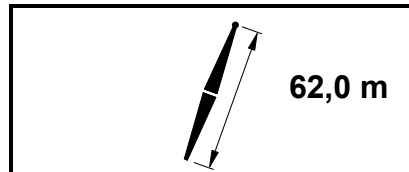
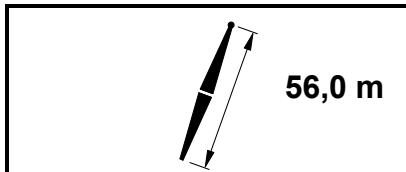
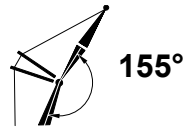
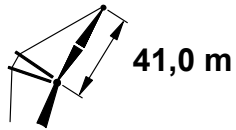
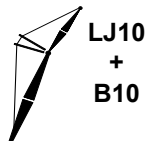
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	335 900
12,0	78,1	45,9	299 600
14,0	75,4	45,3	239 000
16,0	72,7	44,7	185 100
18,0	69,9	44,0	143 100
20,0	67,0	43,1	111 900
22,0	64,1	42,1	88 000
24,0	61,2	41,0	68 700
26,0	58,1	39,7	53 000
28,0	54,9	38,3	40 100
30,0	51,6	36,7	29 000
32,0	48,0	34,9	19 600

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 400
12,0	79,5	52,0	300 400
14,0	77,2	51,5	240 200
16,0	74,8	51,0	187 900
18,0	72,4	50,3	145 600
20,0	69,9	49,6	114 200
22,0	67,5	48,7	90 200
24,0	64,9	47,8	70 800
26,0	62,3	46,7	54 900
28,0	59,7	45,5	41 900
30,0	56,9	44,2	30 800
32,0	54,1	42,8	21 200
34,0	51,1	41,1	13 100

REFERENCE

MLC650 S-2

ASME B30.5



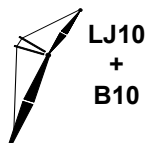
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	300 100
14,0	78,6	57,7	240 500
16,0	76,5	57,2	189 700
18,0	74,3	56,6	147 100
20,0	72,2	56,0	115 600
22,0	70,0	55,2	91 400
24,0	67,8	54,4	71 900
26,0	65,5	53,5	55 900
28,0	63,2	52,5	42 800
30,0	60,9	51,3	31 600
32,0	58,5	50,1	22 000
34,0	56,0	48,7	13 800

ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 400
12,0	81,6	64,2	296 700
14,0	79,7	63,9	240 500
16,0	77,8	63,4	191 100
18,0	75,9	62,9	148 400
20,0	74,0	62,3	116 600
22,0	72,0	61,6	92 300
24,0	70,1	60,9	72 700
26,0	68,1	60,1	56 600
28,0	66,0	59,2	43 400
30,0	64,0	58,2	32 200
32,0	61,9	57,1	22 500
34,0	59,7	55,9	14 100

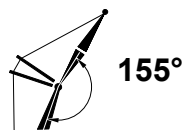
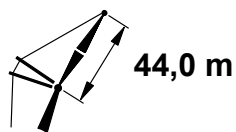
REFER TO THE CRANE MANUAL ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m

ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	326 000
12,0	76,1	39,7	288 900
14,0	73,0	39,0	228 300
16,0	69,8	38,3	173 500
18,0	66,5	37,4	132 400
20,0	63,1	36,4	101 800
22,0	59,6	35,2	78 500
24,0	55,9	33,8	59 700
26,0	52,1	32,2	44 300
28,0	48,0	30,4	31 700
30,0	43,7	28,3	21 000
32,0	38,9	25,9	10 100

44,0 m

ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	328 400
12,0	78,1	45,9	291 300
14,0	75,4	45,3	231 300
16,0	72,7	44,7	177 900
18,0	69,9	44,0	136 500
20,0	67,0	43,1	105 800
22,0	64,1	42,1	82 300
24,0	61,2	41,0	63 300
26,0	58,1	39,7	47 700
28,0	54,9	38,3	35 000
30,0	51,6	36,7	24 200
32,0	48,0	34,9	14 900

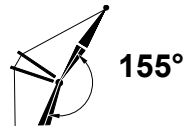
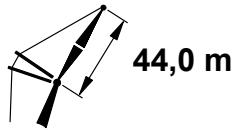
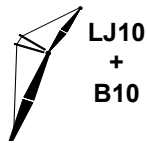
50,0 m

ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	329 400
12,0	79,5	52,0	292 400
14,0	77,2	51,5	232 800
16,0	74,8	51,0	181 000
18,0	72,4	50,3	139 300
20,0	69,9	49,6	108 300
22,0	67,5	48,7	84 700
24,0	64,9	47,8	65 500
26,0	62,3	46,7	49 900
28,0	59,7	45,5	37 100
30,0	56,9	44,2	26 100
32,0	54,1	42,8	16 700

REFERENCE

MLC650 S-2

ASME B30.5



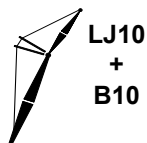
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	327 400
12,0	80,7	58,1	292 400
14,0	78,6	57,7	233 200
16,0	76,5	57,2	182 900
18,0	74,3	56,6	141 000
20,0	72,2	56,0	109 900
22,0	70,0	55,2	86 100
24,0	67,8	54,4	66 800
26,0	65,5	53,5	51 100
28,0	63,2	52,5	38 200
30,0	60,9	51,3	27 200
32,0	58,5	50,1	17 700

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	320 900
12,0	81,6	64,2	291 200
14,0	79,7	63,9	233 400
16,0	77,8	63,4	184 600
18,0	75,9	62,9	142 400
20,0	74,0	62,3	111 100
22,0	72,0	61,6	87 100
24,0	70,1	60,9	67 800
26,0	68,1	60,1	51 900
28,0	66,0	59,2	38 900
30,0	64,0	58,2	27 900
32,0	61,9	57,1	18 300

REFER TO SPECIFICATIONS ONLY!

MLC650 S-2

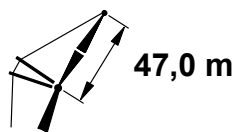
ASME B30.5



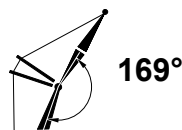
300 000 kg



360°



47,0 m



169°

38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	340 800
12,0	76,1	39,7	309 800
14,0	73,0	39,0	245 300
16,0	69,8	38,3	188 100
18,0	66,5	37,4	143 400
20,0	63,1	36,4	110 100
22,0	59,6	35,2	84 700
24,0	55,9	33,8	64 100
26,0	52,1	32,2	47 200
28,0	48,0	30,4	33 300
30,0	43,7	28,3	21 400
32,0	38,9	25,9	9 000

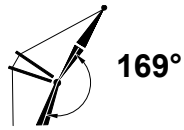
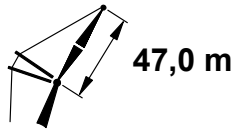
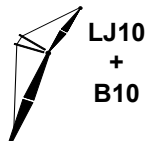
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 600
12,0	78,1	45,9	311 100
14,0	75,4	45,3	249 300
16,0	72,7	44,7	193 700
18,0	69,9	44,0	148 800
20,0	67,0	43,1	115 400
22,0	64,1	42,1	89 800
24,0	61,2	41,0	69 100
26,0	58,1	39,7	52 200
28,0	54,9	38,3	38 200
30,0	51,6	36,7	26 300
32,0	48,0	34,9	16 000

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 900
14,0	77,2	51,5	251 500
16,0	74,8	51,0	197 500
18,0	72,4	50,3	152 400
20,0	69,9	49,6	118 800
22,0	67,5	48,7	93 200
24,0	64,9	47,8	72 400
26,0	62,3	46,7	55 300
28,0	59,7	45,5	41 400
30,0	56,9	44,2	29 400
32,0	54,1	42,8	19 100

REFERENCE

MLC650 S-2

ASME B30.5



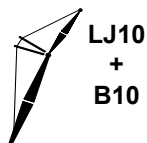
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	305 500
14,0	78,6	57,7	252 500
16,0	76,5	57,2	200 100
18,0	74,3	56,6	154 800
20,0	72,2	56,0	121 100
22,0	70,0	55,2	95 300
24,0	67,8	54,4	74 400
26,0	65,5	53,5	57 300
28,0	63,2	52,5	43 300
30,0	60,9	51,3	31 300
32,0	58,5	50,1	20 900

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	301 300
14,0	79,7	63,9	251 900
16,0	77,8	63,4	201 800
18,0	75,9	62,9	156 700
20,0	74,0	62,3	122 800
22,0	72,0	61,6	96 900
24,0	70,1	60,9	75 900
26,0	68,1	60,1	58 700
28,0	66,0	59,2	44 600
30,0	64,0	58,2	32 600
32,0	61,9	57,1	22 200
34,0	59,7	55,9	13 100

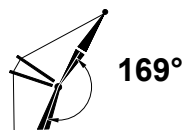
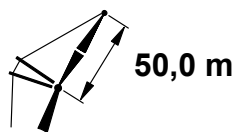
REFERENCE ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	340 600
12,0	76,1	39,7	304 900
14,0	73,0	39,0	240 400
16,0	69,8	38,3	183 300
18,0	66,5	37,4	138 800
20,0	63,1	36,4	105 800
22,0	59,6	35,2	80 500
24,0	55,9	33,8	60 000
26,0	52,1	32,2	43 200
28,0	48,0	30,4	29 400
30,0	43,7	28,3	17 200

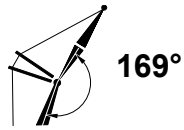
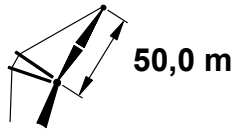
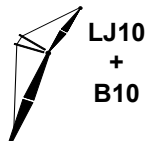
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 600
12,0	78,1	45,9	307 900
14,0	75,4	45,3	244 700
16,0	72,7	44,7	189 200
18,0	69,9	44,0	144 600
20,0	67,0	43,1	111 400
22,0	64,1	42,1	86 000
24,0	61,2	41,0	65 400
26,0	58,1	39,7	48 500
28,0	54,9	38,3	34 700
30,0	51,6	36,7	22 800
32,0	48,0	34,9	12 600

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	308 100
14,0	77,2	51,5	247 200
16,0	74,8	51,0	193 400
18,0	72,4	50,3	148 500
20,0	69,9	49,6	115 100
22,0	67,5	48,7	89 600
24,0	64,9	47,8	68 900
26,0	62,3	46,7	51 900
28,0	59,7	45,5	38 000
30,0	56,9	44,2	26 200
32,0	54,1	42,8	15 900

REFERENCE

MLC650 S-2

ASME B30.5



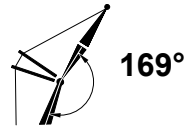
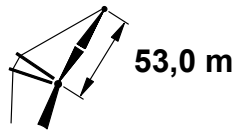
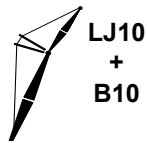
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	304 600
14,0	78,6	57,7	248 400
16,0	76,5	57,2	196 200
18,0	74,3	56,6	151 100
20,0	72,2	56,0	117 600
22,0	70,0	55,2	91 900
24,0	67,8	54,4	71 100
26,0	65,5	53,5	54 100
28,0	63,2	52,5	40 200
30,0	60,9	51,3	28 300
32,0	58,5	50,1	18 000

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 500
12,0	81,6	64,2	299 600
14,0	79,7	63,9	249 000
16,0	77,8	63,4	198 000
18,0	75,9	62,9	153 200
20,0	74,0	62,3	119 500
22,0	72,0	61,6	93 700
24,0	70,1	60,9	72 800
26,0	68,1	60,1	55 700
28,0	66,0	59,2	41 700
30,0	64,0	58,2	29 700
32,0	61,9	57,1	19 400

REFER TO CHART ONLY!

MLC650 S-2

ASME B30.5



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	337 000
12,0	76,1	39,7	297 300
14,0	73,0	39,0	232 900
16,0	69,8	38,3	176 200
18,0	66,5	37,4	132 100
20,0	63,1	36,4	99 300
22,0	59,6	35,2	74 200
24,0	55,9	33,8	53 800
26,0	52,1	32,2	37 200
28,0	48,0	30,4	23 500

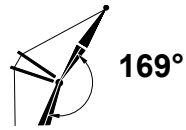
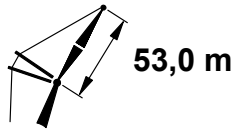
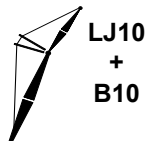
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	336 400
12,0	78,1	45,9	301 400
14,0	75,4	45,3	237 700
16,0	72,7	44,7	182 600
18,0	69,9	44,0	138 300
20,0	67,0	43,1	105 300
22,0	64,1	42,1	80 100
24,0	61,2	41,0	59 700
26,0	58,1	39,7	42 900
28,0	54,9	38,3	29 200
30,0	51,6	36,7	17 500

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	332 500
12,0	79,5	52,0	303 400
14,0	77,2	51,5	240 500
16,0	74,8	51,0	187 200
18,0	72,4	50,3	142 500
20,0	69,9	49,6	109 400
22,0	67,5	48,7	84 100
24,0	64,9	47,8	63 500
26,0	62,3	46,7	46 700
28,0	59,7	45,5	32 900
30,0	56,9	44,2	21 100
32,0	54,1	42,8	10 900

REFER

MLC650 S-2

ASME B30.5



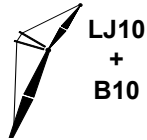
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	328 400
12,0	80,7	58,1	301 000
14,0	78,6	57,7	242 000
16,0	76,5	57,2	190 300
18,0	74,3	56,6	145 500
20,0	72,2	56,0	112 200
22,0	70,0	55,2	86 700
24,0	67,8	54,4	66 100
26,0	65,5	53,5	49 100
28,0	63,2	52,5	35 300
30,0	60,9	51,3	23 500
32,0	58,5	50,1	13 200

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	323 300
12,0	81,6	64,2	295 700
14,0	79,7	63,9	242 800
16,0	77,8	63,4	192 100
18,0	75,9	62,9	147 800
20,0	74,0	62,3	114 300
22,0	72,0	61,6	88 700
24,0	70,1	60,9	68 000
26,0	68,1	60,1	51 000
28,0	66,0	59,2	37 000
30,0	64,0	58,2	25 100
32,0	61,9	57,1	14 600

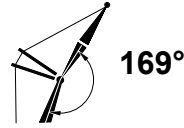
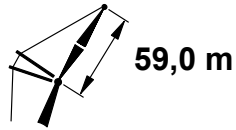
REFER TO CRANE MANUAL ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	323 500
12,0	76,1	39,7	283 900
14,0	73,0	39,0	219 900
16,0	69,8	38,3	163 700
18,0	66,5	37,4	120 200
20,0	63,1	36,4	87 900
22,0	59,6	35,2	63 100
24,0	55,9	33,8	43 100
26,0	52,1	32,2	26 600

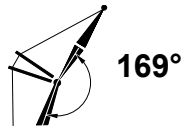
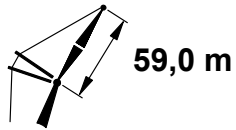
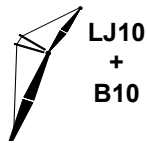
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	328 200
12,0	78,1	45,9	288 900
14,0	75,4	45,3	225 500
16,0	72,7	44,7	171 000
18,0	69,9	44,0	127 300
20,0	67,0	43,1	94 800
22,0	64,1	42,1	69 900
24,0	61,2	41,0	49 700
26,0	58,1	39,7	33 200
28,0	54,9	38,3	19 700

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	350 300
11,0	80,7	52,2	329 300
12,0	79,5	52,0	291 700
14,0	77,2	51,5	229 000
16,0	74,8	51,0	176 200
18,0	72,4	50,3	132 200
20,0	69,9	49,6	99 500
22,0	67,5	48,7	74 500
24,0	64,9	47,8	54 200
26,0	62,3	46,7	37 600
28,0	59,7	45,5	24 000
30,0	56,9	44,2	12 100

REFER TO

MLC650 S-2

ASME B30.5



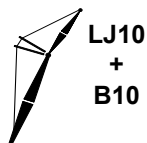
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 400
11,0	81,7	58,3	324 400
12,0	80,7	58,1	292 200
14,0	78,6	57,7	231 000
16,0	76,5	57,2	179 900
18,0	74,3	56,6	135 600
20,0	72,2	56,0	102 800
22,0	70,0	55,2	77 600
24,0	67,8	54,4	57 300
26,0	65,5	53,5	40 600
28,0	63,2	52,5	26 900
30,0	60,9	51,3	14 900

62,0 m			
ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	346 200
11,0	82,5	64,4	318 200
12,0	81,6	64,2	288 200
14,0	79,7	63,9	232 100
16,0	77,8	63,4	182 100
18,0	75,9	62,9	138 400
20,0	74,0	62,3	105 300
22,0	72,0	61,6	80 100
24,0	70,1	60,9	59 600
26,0	68,1	60,1	42 800
28,0	66,0	59,2	29 100
30,0	64,0	58,2	16 700

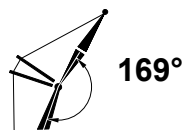
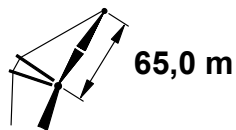
REFER TO THE CRANE MANUAL ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m

ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	345 800
11,0	77,7	40,0	309 500
12,0	76,1	39,7	270 100
14,0	73,0	39,0	206 400
16,0	69,8	38,3	150 700
18,0	66,5	37,4	107 800
20,0	63,1	36,4	76 000
22,0	59,6	35,2	51 600
24,0	55,9	33,8	31 900

44,0 m

ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	348 000
11,0	79,4	46,1	315 000
12,0	78,1	45,9	275 900
14,0	75,4	45,3	212 900
16,0	72,7	44,7	159 000
18,0	69,9	44,0	115 800
20,0	67,0	43,1	83 800
22,0	64,1	42,1	59 300
24,0	61,2	41,0	39 400
26,0	58,1	39,7	23 200

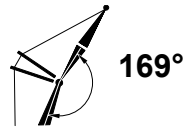
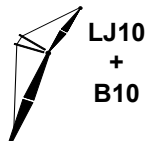
50,0 m

ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	348 000
11,0	80,7	52,2	318 400
12,0	79,5	52,0	279 400
14,0	77,2	51,5	217 100
16,0	74,8	51,0	164 900
18,0	72,4	50,3	121 500
20,0	69,9	49,6	89 200
22,0	67,5	48,7	64 600
24,0	64,9	47,8	44 600
26,0	62,3	46,7	28 200
28,0	59,7	45,5	14 500

REFERENCED

MLC650 S-2

ASME B30.5



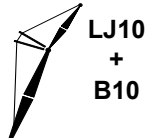
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	345 800
11,0	81,7	58,3	316 100
12,0	80,7	58,1	281 300
14,0	78,6	57,7	219 600
16,0	76,5	57,2	169 100
18,0	74,3	56,6	125 500
20,0	72,2	56,0	93 000
22,0	70,0	55,2	68 300
24,0	67,8	54,4	48 200
26,0	65,5	53,5	31 700
28,0	63,2	52,5	17 800

ft	°	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	343 100
11,0	82,5	64,4	310 300
12,0	81,6	64,2	280 400
14,0	79,7	63,9	221 100
16,0	77,8	63,4	171 600
18,0	75,9	62,9	128 700
20,0	74,0	62,3	96 100
22,0	72,0	61,6	71 100
24,0	70,1	60,9	50 900
26,0	68,1	60,1	34 400
28,0	66,0	59,2	20 000

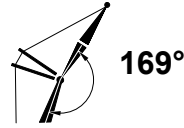
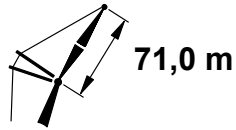
REFERENCED ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	340 600
11,0	77,7	40,0	296 600
12,0	76,1	39,7	257 400
14,0	73,0	39,0	193 900
16,0	69,8	38,3	138 600
18,0	66,5	37,4	96 400
20,0	63,1	36,4	65 000
22,0	59,6	35,2	41 000
24,0	55,9	33,8	21 600

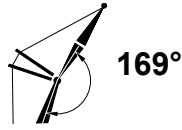
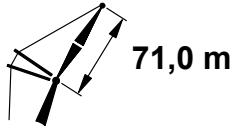
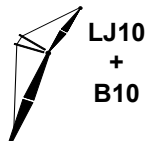
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	343 000
11,0	79,4	46,1	302 900
12,0	78,1	45,9	264 000
14,0	75,4	45,3	201 300
16,0	72,7	44,7	147 800
18,0	69,9	44,0	105 300
20,0	67,0	43,1	73 700
22,0	64,1	42,1	49 500
24,0	61,2	41,0	30 000

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	344 600
11,0	80,7	52,2	306 900
12,0	79,5	52,0	268 100
14,0	77,2	51,5	206 100
16,0	74,8	51,0	154 400
18,0	72,4	50,3	111 600
20,0	69,9	49,6	79 800
22,0	67,5	48,7	55 500
24,0	64,9	47,8	35 800
26,0	62,3	46,7	19 600

REFERENCED

MLC650 S-2

ASME B30.5

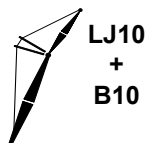


<p>56,0 m</p>			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	342 900
11,0	81,7	58,3	308 600
12,0	80,7	58,1	270 500
14,0	78,6	57,7	209 100
16,0	76,5	57,2	159 200
18,0	74,3	56,6	116 100
20,0	72,2	56,0	84 200
22,0	70,0	55,2	59 700
24,0	67,8	54,4	39 900
26,0	65,5	53,5	23 500

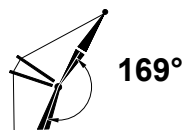
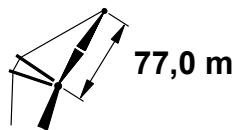
REFERENCE ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	327 900
11,0	77,7	40,0	281 100
12,0	76,1	39,7	242 100
14,0	73,0	39,0	179 000
16,0	69,8	38,3	124 100
18,0	66,5	37,4	82 700
20,0	63,1	36,4	51 900
22,0	59,6	35,2	28 300

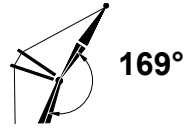
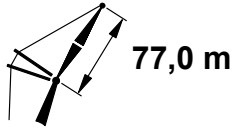
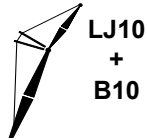
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	334 800
11,0	79,4	46,1	288 300
12,0	78,1	45,9	249 600
14,0	75,4	45,3	187 300
16,0	72,7	44,7	134 400
18,0	69,9	44,0	92 600
20,0	67,0	43,1	61 600
22,0	64,1	42,1	37 800
24,0	61,2	41,0	18 300

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	338 600
11,0	80,7	52,2	292 900
12,0	79,5	52,0	254 400
14,0	77,2	51,5	192 900
16,0	74,8	51,0	141 800
18,0	72,4	50,3	99 700
20,0	69,9	49,6	68 500
22,0	67,5	48,7	44 600
24,0	64,9	47,8	25 000

REFERENCED

MLC650 S-2

ASME B30.5

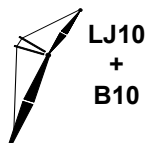


 56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	335 500
11,0	81,7	58,3	295 700
12,0	80,7	58,1	257 400
14,0	78,6	57,7	196 500
16,0	76,5	57,2	147 200
18,0	74,3	56,6	104 900
20,0	72,2	56,0	73 400
22,0	70,0	55,2	49 400
24,0	67,8	54,4	29 300

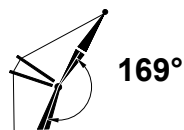
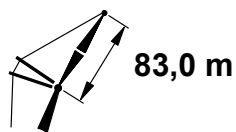
REFERENCE ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	313 700
11,0	77,7	40,0	267 100
12,0	76,1	39,7	228 400
14,0	73,0	39,0	165 600
16,0	69,8	38,3	111 200
18,0	66,5	37,4	70 400
20,0	63,1	36,4	40 100

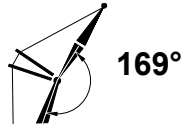
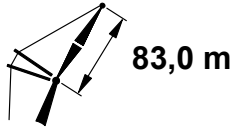
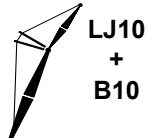
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	321 400
11,0	79,4	46,1	275 100
12,0	78,1	45,9	236 700
14,0	75,4	45,3	174 900
16,0	72,7	44,7	122 400
18,0	69,9	44,0	81 300
20,0	67,0	43,1	50 800
22,0	64,1	42,1	27 200

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	326 400
11,0	80,7	52,2	280 400
12,0	79,5	52,0	242 200
14,0	77,2	51,5	181 100
16,0	74,8	51,0	130 500
18,0	72,4	50,3	89 100
20,0	69,9	49,6	58 300
22,0	67,5	48,7	34 600
24,0	64,9	47,8	14 000

REFERENCED

MLC650 S-2

ASME B30.5

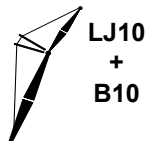


<p>56,0 m</p>			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	326 500
11,0	81,7	58,3	283 700
12,0	80,7	58,1	245 600
14,0	78,6	57,7	185 100
16,0	76,5	57,2	136 000
18,0	74,3	56,6	94 800
20,0	72,2	56,0	63 900
22,0	70,0	55,2	39 700
24,0	67,8	54,4	18 800

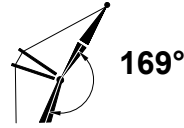
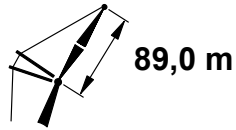
REFERENCE ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	°	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	344 600
10,0	79,3	40,2	296 200
11,0	77,7	40,0	249 900
12,0	76,1	39,7	211 500
14,0	73,0	39,0	149 100
16,0	69,8	38,3	95 200
18,0	66,5	37,4	55 200

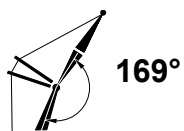
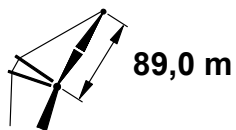
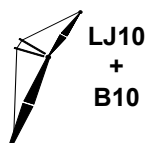
44,0 m			
ft	°	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 800
10,0	80,7	46,3	304 900
11,0	79,4	46,1	259 000
12,0	78,1	45,9	220 900
14,0	75,4	45,3	159 500
16,0	72,7	44,7	107 500
18,0	69,9	44,0	67 300
20,0	67,0	43,1	37 200

50,0 m			
ft	°	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	350 900
10,0	81,9	52,4	310 600
11,0	80,7	52,2	265 000
12,0	79,5	52,0	227 100
14,0	77,2	51,5	166 500
16,0	74,8	51,0	116 400
18,0	72,4	50,3	76 000
20,0	69,9	49,6	45 700
22,0	67,5	48,7	20 700

REFERENCIA

MLC650 S-2

ASME B30.5

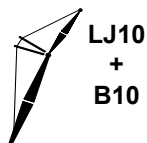


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	314 000
11,0	81,7	58,3	268 900
12,0	80,7	58,1	231 200
14,0	78,6	57,7	170 900
16,0	76,5	57,2	121 600
18,0	74,3	56,6	81 900
20,0	72,2	56,0	50 800
22,0	70,0	55,2	26 100

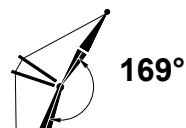
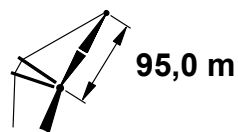
REFERENCE ONLY!

MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	332 900
10,0	79,3	40,2	281 300
11,0	77,7	40,0	235 300
12,0	76,1	39,7	197 000
14,0	73,0	39,0	134 700
16,0	69,8	38,3	81 400
18,0	66,5	37,4	42 200

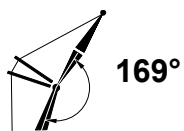
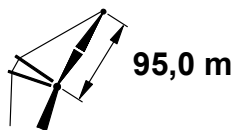
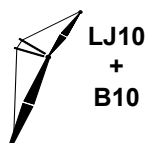
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	339 800
10,0	80,7	46,3	290 800
11,0	79,4	46,1	245 200
12,0	78,1	45,9	207 300
14,0	75,4	45,3	146 400
16,0	72,7	44,7	94 800
18,0	69,9	44,0	55 300

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	344 500
10,0	81,9	52,4	297 200
11,0	80,7	52,2	251 900
12,0	79,5	52,0	214 300
14,0	77,2	51,5	153 800
16,0	74,8	51,0	103 400
18,0	72,4	50,3	63 900
20,0	69,9	49,6	33 100

REFERENCE

MLC650 S-2

ASME B30.5

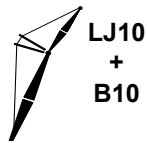


ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	344 400
10,0	82,7	58,5	301 300
11,0	81,7	58,3	256 300
12,0	80,7	58,1	218 900
14,0	78,6	57,7	158 800
16,0	76,5	57,2	108 800
18,0	74,3	56,6	69 600
20,0	72,2	56,0	38 900

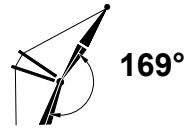
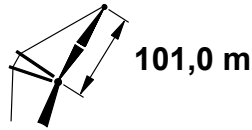
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MLC650 S-2

ASME B30.5



300 000 kg



38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 400
9,0	80,8	40,4	317 700
10,0	79,3	40,2	262 900
11,0	77,7	40,0	217 200
12,0	76,1	39,7	179 200
14,0	73,0	39,0	115 100
16,0	69,8	38,3	63 700
18,0	66,5	37,4	24 000

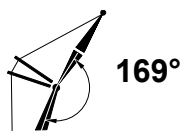
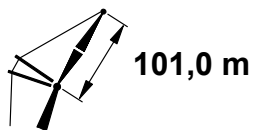
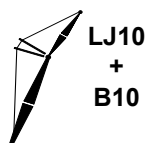
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	326 300
10,0	80,7	46,3	273 400
11,0	79,4	46,1	228 200
12,0	78,1	45,9	190 700
14,0	75,4	45,3	128 400
16,0	72,7	44,7	77 600
18,0	69,9	44,0	38 400

50,0 m			
ft	o	ft	lb
7,3	85,0	52,8	350 900
7,5	84,8	52,8	350 900
8,0	84,2	52,7	350 900
9,0	83,0	52,6	331 500
10,0	81,9	52,4	280 600
11,0	80,7	52,2	235 700
12,0	79,5	52,0	198 500
14,0	77,2	51,5	137 200
16,0	74,8	51,0	86 800
18,0	72,4	50,3	47 900

REFERENCE

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ASME B30.5



<p>56,0 m</p>			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	334 900
10,0	82,7	58,5	285 400
11,0	81,7	58,3	240 800
12,0	80,7	58,1	203 800
14,0	78,6	57,7	143 200
16,0	76,5	57,2	93 000
18,0	74,3	56,6	54 400

REFERENCE ONLY!