

Liftcrane Boom Capacities With Luffing Jib Attached


Boom No. B10:680

Luffing Jib No. LJ10:681-682

400 000 kg VPC (Variable Position Counterweight)

360 Degree Rating


MLC650 SERIES 3


 **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**.

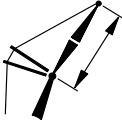
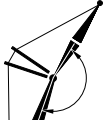
 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **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.




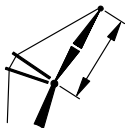
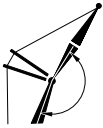





 **BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

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 400 000 kg VPC.

Consult chart **No. 9393-AM** for luffing jib capacities.

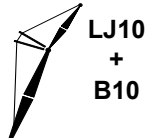
Luffing Jib Position During Operation	
	
Luffing Jib Length Meters	Boom-to-Luffing Jib Angle Degrees
26,0 - 29,0	140
32,0 - 44,0	155
47,0 - 101,0	169

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)

MLC650 S-3

ASME B30.5



400 000 kg



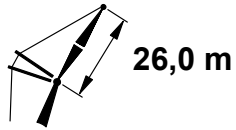
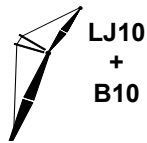
38,0 m			
ft	°	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	350 400
12,0	76,1	39,7	328 500
14,0	73,0	39,0	277 500
16,0	69,8	38,3	225 200
18,0	66,5	37,4	184 000
20,0	63,1	36,4	151 600
22,0	59,6	35,2	125 700
24,0	55,9	33,8	103 900
26,0	52,1	32,2	85 500
28,0	48,0	30,4	69 700
30,0	43,7	28,3	55 800

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	350 200
12,0	78,1	45,9	326 200
14,0	75,4	45,3	278 100
16,0	72,7	44,7	225 200
18,0	69,9	44,0	184 300
20,0	67,0	43,1	152 300
22,0	64,1	42,1	126 700
24,0	61,2	41,0	105 300
26,0	58,1	39,7	87 200
28,0	54,9	38,3	71 900
30,0	51,6	36,7	58 500
32,0	48,0	34,9	46 600
34,0	44,3	32,9	36 100

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	276 600
16,0	74,8	51,0	223 800
18,0	72,4	50,3	183 200
20,0	69,9	49,6	151 400
22,0	67,5	48,7	126 000
24,0	64,9	47,8	104 800
26,0	62,3	46,7	86 900
28,0	59,7	45,5	71 900
30,0	56,9	44,2	58 700
32,0	54,1	42,8	47 100
34,0	51,1	41,1	37 000
36,0	48,0	39,3	27 800
38,0	44,8	37,3	19 500

MLC650 S-3

ASME B30.5



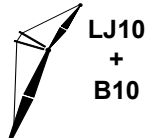
56,0 m			
ft	o	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	274 400
16,0	76,5	57,2	221 800
18,0	74,3	56,6	181 300
20,0	72,2	56,0	149 700
22,0	70,0	55,2	124 400
24,0	67,8	54,4	103 400
26,0	65,5	53,5	85 600
28,0	63,2	52,5	70 700
30,0	60,9	51,3	57 700
32,0	58,5	50,1	46 300
34,0	56,0	48,7	36 300
36,0	53,5	47,3	27 400
38,0	50,8	45,6	19 300
40,0	48,1	43,8	12 100

62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	272 300
16,0	77,8	63,4	219 800
18,0	75,9	62,9	179 400
20,0	74,0	62,3	147 800
22,0	72,0	61,6	122 600
24,0	70,1	60,9	101 700
26,0	68,1	60,1	84 000
28,0	66,0	59,2	69 200
30,0	64,0	58,2	56 300
32,0	61,9	57,1	45 000
34,0	59,7	55,9	35 100
36,0	57,5	54,7	26 300
38,0	55,3	53,3	18 400

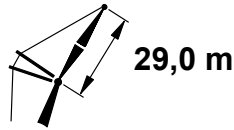
68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	268 800
16,0	78,9	69,6	219 000
18,0	77,2	69,1	178 700
20,0	75,4	68,6	147 200
22,0	73,7	68,0	122 100
24,0	71,9	67,3	101 200
26,0	70,1	66,6	83 700
28,0	68,3	65,8	68 900
30,0	66,4	64,9	56 100
32,0	64,6	63,9	44 800
34,0	62,7	62,9	35 100
36,0	60,7	61,7	26 400
38,0	58,8	60,5	18 500
40,0	56,7	59,2	11 500

MLC650 S-3

ASME B30.5



400 000 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	350 300
12,0	76,1	39,7	325 500
14,0	73,0	39,0	267 600
16,0	69,8	38,3	215 200
18,0	66,5	37,4	174 700
20,0	63,1	36,4	143 000
22,0	59,6	35,2	117 500
24,0	55,9	33,8	96 200
26,0	52,1	32,2	78 000
28,0	48,0	30,4	62 600
30,0	43,7	28,3	49 000

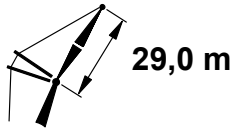
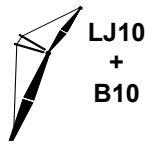
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	325 900
14,0	75,4	45,3	267 500
16,0	72,7	44,7	215 500
18,0	69,9	44,0	175 300
20,0	67,0	43,1	143 900
22,0	64,1	42,1	118 700
24,0	61,2	41,0	97 700
26,0	58,1	39,7	79 900
28,0	54,9	38,3	64 900
30,0	51,6	36,7	51 800
32,0	48,0	34,9	40 100
34,0	44,3	32,9	29 900

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	266 200
16,0	74,8	51,0	214 300
18,0	72,4	50,3	174 400
20,0	69,9	49,6	143 100
22,0	67,5	48,7	118 200
24,0	64,9	47,8	97 400
26,0	62,3	46,7	79 800
28,0	59,7	45,5	65 100
30,0	56,9	44,2	52 200
32,0	54,1	42,8	40 800
34,0	51,1	41,1	30 800
36,0	48,0	39,3	21 900
38,0	44,8	37,3	13 800

REFERENCE

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ASME B30.5



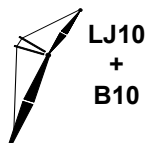
56,0 m			
ft	o	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	264 200
16,0	76,5	57,2	212 500
18,0	74,3	56,6	172 700
20,0	72,2	56,0	141 600
22,0	70,0	55,2	116 800
24,0	67,8	54,4	96 100
26,0	65,5	53,5	78 700
28,0	63,2	52,5	64 000
30,0	60,9	51,3	51 300
32,0	58,5	50,1	40 000
34,0	56,0	48,7	30 300
36,0	53,5	47,3	21 500
38,0	50,8	45,6	13 600

62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	262 200
16,0	77,8	63,4	210 600
18,0	75,9	62,9	170 800
20,0	74,0	62,3	139 800
22,0	72,0	61,6	115 100
24,0	70,1	60,9	94 500
26,0	68,1	60,1	77 200
28,0	66,0	59,2	62 600
30,0	64,0	58,2	50 000
32,0	61,9	57,1	38 800
34,0	59,7	55,9	29 200
36,0	57,5	54,7	20 500
38,0	55,3	53,3	12 700

68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	261 400
16,0	78,9	69,6	209 900
18,0	77,2	69,1	170 200
20,0	75,4	68,6	139 300
22,0	73,7	68,0	114 700
24,0	71,9	67,3	94 100
26,0	70,1	66,6	76 900
28,0	68,3	65,8	62 400
30,0	66,4	64,9	49 800
32,0	64,6	63,9	38 800
34,0	62,7	62,9	29 200
36,0	60,7	61,7	20 600
38,0	58,8	60,5	12 900

MLC650 S-3

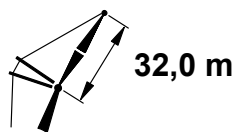
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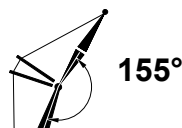
400 000 kg



360°



32,0 m



155°

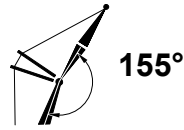
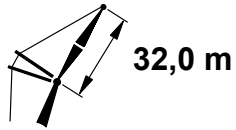
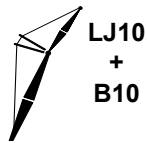
38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	350 400
12,0	76,1	39,7	329 300
14,0	73,0	39,0	275 100
16,0	69,8	38,3	220 400
18,0	66,5	37,4	178 200
20,0	63,1	36,4	145 000
22,0	59,6	35,2	118 400
24,0	55,9	33,8	96 000
26,0	52,1	32,2	77 000
28,0	48,0	30,4	60 800
30,0	43,7	28,3	46 400
32,0	38,9	25,9	33 500
34,0	33,5	22,9	21 900

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	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	326 200
14,0	75,4	45,3	276 000
16,0	72,7	44,7	221 700
18,0	69,9	44,0	179 800
20,0	67,0	43,1	147 000
22,0	64,1	42,1	120 700
24,0	61,2	41,0	98 800
26,0	58,1	39,7	80 200
28,0	54,9	38,3	64 400
30,0	51,6	36,7	50 700
32,0	48,0	34,9	38 400
34,0	44,3	32,9	27 600
36,0	40,3	30,5	17 800
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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	275 300
16,0	74,8	51,0	221 300
18,0	72,4	50,3	179 600
20,0	69,9	49,6	147 000
22,0	67,5	48,7	121 000
24,0	64,9	47,8	99 300
26,0	62,3	46,7	81 000
28,0	59,7	45,5	65 500
30,0	56,9	44,2	52 000
32,0	54,1	42,8	40 100
34,0	51,1	41,1	29 600
36,0	48,0	39,3	20 200
38,0	44,8	37,3	11 700

MLC650 S-3

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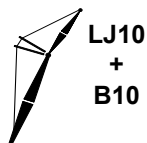
56,0 m			
ft	o	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	273 800
16,0	76,5	57,2	219 900
18,0	74,3	56,6	178 500
20,0	72,2	56,0	146 100
22,0	70,0	55,2	120 200
24,0	67,8	54,4	98 600
26,0	65,5	53,5	80 400
28,0	63,2	52,5	65 200
30,0	60,9	51,3	51 800
32,0	58,5	50,1	40 100
34,0	56,0	48,7	29 900
36,0	53,5	47,3	20 700
38,0	50,8	45,6	12 400

62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	272 200
16,0	77,8	63,4	218 500
18,0	75,9	62,9	177 100
20,0	74,0	62,3	144 800
22,0	72,0	61,6	119 000
24,0	70,1	60,9	97 500
26,0	68,1	60,1	79 500
28,0	66,0	59,2	64 300
30,0	64,0	58,2	51 100
32,0	61,9	57,1	39 400
34,0	59,7	55,9	29 300
36,0	57,5	54,7	20 300
38,0	55,3	53,3	12 100

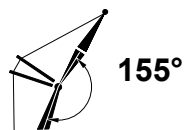
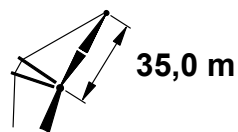
68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	268 700
16,0	78,9	69,6	218 200
18,0	77,2	69,1	176 900
20,0	75,4	68,6	144 600
22,0	73,7	68,0	119 000
24,0	71,9	67,3	97 600
26,0	70,1	66,6	79 600
28,0	68,3	65,8	64 500
30,0	66,4	64,9	51 400
32,0	64,6	63,9	39 800
34,0	62,7	62,9	29 800
36,0	60,7	61,7	20 900
38,0	58,8	60,5	12 800

MLC650 S-3

ASME B30.5



400 000 kg



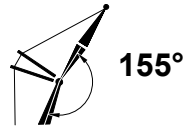
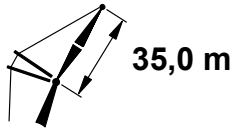
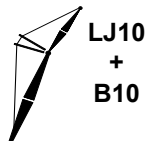
38,0 m			
ft	o	ft	lb
6,7	84,3	40,8	350 900
7,0	83,9	40,8	350 900
7,5	83,1	40,7	350 900
8,0	82,3	40,6	350 900
9,0	80,8	40,4	350 900
10,0	79,3	40,2	350 900
11,0	77,7	40,0	350 400
12,0	76,1	39,7	327 500
14,0	73,0	39,0	265 400
16,0	69,8	38,3	211 400
18,0	66,5	37,4	169 600
20,0	63,1	36,4	136 800
22,0	59,6	35,2	110 500
24,0	55,9	33,8	88 400
26,0	52,1	32,2	69 600
28,0	48,0	30,4	53 700
30,0	43,7	28,3	39 500
32,0	38,9	25,9	26 800
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	350 200
12,0	78,1	45,9	326 200
14,0	75,4	45,3	266 700
16,0	72,7	44,7	213 000
18,0	69,9	44,0	171 600
20,0	67,0	43,1	139 100
22,0	64,1	42,1	113 200
24,0	61,2	41,0	91 500
26,0	58,1	39,7	73 100
28,0	54,9	38,3	57 600
30,0	51,6	36,7	44 000
32,0	48,0	34,9	31 900
34,0	44,3	32,9	21 300
36,0	40,3	30,5	11 600

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	266 300
16,0	74,8	51,0	212 900
18,0	72,4	50,3	171 700
20,0	69,9	49,6	139 500
22,0	67,5	48,7	113 800
24,0	64,9	47,8	92 300
26,0	62,3	46,7	74 200
28,0	59,7	45,5	58 900
30,0	56,9	44,2	45 600
32,0	54,1	42,8	33 800
34,0	51,1	41,1	23 500
36,0	48,0	39,3	14 200

MLC650 S-3

ASME B30.5



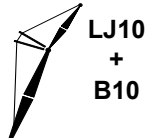
56,0 m			
ft	o	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	265 000
16,0	76,5	57,2	211 800
18,0	74,3	56,6	170 800
20,0	72,2	56,0	138 700
22,0	70,0	55,2	113 200
24,0	67,8	54,4	91 900
26,0	65,5	53,5	73 900
28,0	63,2	52,5	58 800
30,0	60,9	51,3	45 600
32,0	58,5	50,1	34 000
34,0	56,0	48,7	23 900
36,0	53,5	47,3	14 900

62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	263 700
16,0	77,8	63,4	210 500
18,0	75,9	62,9	169 600
20,0	74,0	62,3	137 600
22,0	72,0	61,6	112 200
24,0	70,1	60,9	91 000
26,0	68,1	60,1	73 100
28,0	66,0	59,2	58 100
30,0	64,0	58,2	45 000
32,0	61,9	57,1	33 500
34,0	59,7	55,9	23 600
36,0	57,5	54,7	14 600

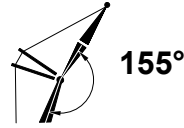
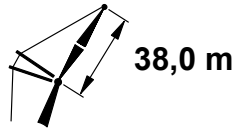
68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	263 300
16,0	78,9	69,6	210 300
18,0	77,2	69,1	169 500
20,0	75,4	68,6	137 700
22,0	73,7	68,0	112 300
24,0	71,9	67,3	91 200
26,0	70,1	66,6	73 400
28,0	68,3	65,8	58 500
30,0	66,4	64,9	45 500
32,0	64,6	63,9	34 100
34,0	62,7	62,9	24 200
36,0	60,7	61,7	15 400

MLC650 S-3

ASME B30.5



400 000 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	350 200
12,0	76,1	39,7	324 900
14,0	73,0	39,0	259 600
16,0	69,8	38,3	206 000
18,0	66,5	37,4	164 600
20,0	63,1	36,4	132 100
22,0	59,6	35,2	106 100
24,0	55,9	33,8	84 200
26,0	52,1	32,2	65 600
28,0	48,0	30,4	49 800
30,0	43,7	28,3	35 800
32,0	38,9	25,9	23 200

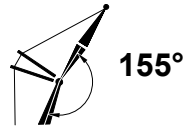
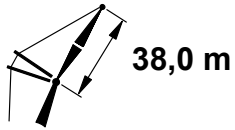
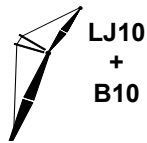
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	325 800
14,0	75,4	45,3	261 100
16,0	72,7	44,7	207 900
18,0	69,9	44,0	166 800
20,0	67,0	43,1	134 700
22,0	64,1	42,1	109 000
24,0	61,2	41,0	87 500
26,0	58,1	39,7	69 300
28,0	54,9	38,3	53 900
30,0	51,6	36,7	40 500
32,0	48,0	34,9	28 500
34,0	44,3	32,9	18 000

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	260 900
16,0	74,8	51,0	208 000
18,0	72,4	50,3	167 200
20,0	69,9	49,6	135 200
22,0	67,5	48,7	109 800
24,0	64,9	47,8	88 500
26,0	62,3	46,7	70 500
28,0	59,7	45,5	55 400
30,0	56,9	44,2	42 200
32,0	54,1	42,8	30 600
34,0	51,1	41,1	20 400
36,0	48,0	39,3	11 200

REFERENCE

MLC650 S-3

ASME B30.5



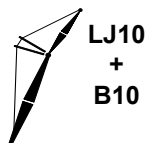
56,0 m			
ft	o	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	259 800
16,0	76,5	57,2	207 000
18,0	74,3	56,6	166 400
20,0	72,2	56,0	134 600
22,0	70,0	55,2	109 300
24,0	67,8	54,4	88 200
26,0	65,5	53,5	70 400
28,0	63,2	52,5	55 400
30,0	60,9	51,3	42 400
32,0	58,5	50,1	30 900
34,0	56,0	48,7	20 900
36,0	53,5	47,3	12 000

62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	258 600
16,0	77,8	63,4	205 900
18,0	75,9	62,9	165 400
20,0	74,0	62,3	133 700
22,0	72,0	61,6	108 500
24,0	70,1	60,9	87 400
26,0	68,1	60,1	69 700
28,0	66,0	59,2	54 900
30,0	64,0	58,2	41 900
32,0	61,9	57,1	30 600
34,0	59,7	55,9	20 700
36,0	57,5	54,7	11 800

68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	258 400
16,0	78,9	69,6	205 800
18,0	77,2	69,1	165 400
20,0	75,4	68,6	133 800
22,0	73,7	68,0	108 700
24,0	71,9	67,3	87 700
26,0	70,1	66,6	70 100
28,0	68,3	65,8	55 300
30,0	66,4	64,9	42 500
32,0	64,6	63,9	31 200
34,0	62,7	62,9	21 400
36,0	60,7	61,7	12 700

MLC650 S-3

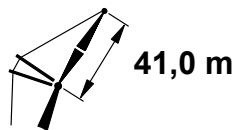
ASME B30.5



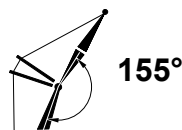
400 000 kg



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	350 100
12,0	76,1	39,7	320 200
14,0	73,0	39,0	249 500
16,0	69,8	38,3	196 600
18,0	66,5	37,4	155 700
20,0	63,1	36,4	123 600
22,0	59,6	35,2	97 900
24,0	55,9	33,8	76 300
26,0	52,1	32,2	57 900
28,0	48,0	30,4	42 300
30,0	43,7	28,3	28 500
32,0	38,9	25,9	16 200

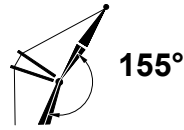
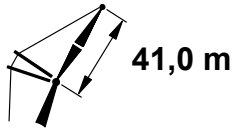
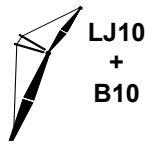
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	321 700
14,0	75,4	45,3	251 400
16,0	72,7	44,7	198 800
18,0	69,9	44,0	158 300
20,0	67,0	43,1	126 500
22,0	64,1	42,1	101 200
24,0	61,2	41,0	79 900
26,0	58,1	39,7	62 000
28,0	54,9	38,3	46 800
30,0	51,6	36,7	33 500
32,0	48,0	34,9	21 800

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	320 400
14,0	77,2	51,5	251 500
16,0	74,8	51,0	199 200
18,0	72,4	50,3	158 900
20,0	69,9	49,6	127 400
22,0	67,5	48,7	102 200
24,0	64,9	47,8	81 200
26,0	62,3	46,7	63 500
28,0	59,7	45,5	48 600
30,0	56,9	44,2	35 600
32,0	54,1	42,8	24 100
34,0	51,1	41,1	14 000

REFERENCE

MLC650 S-3

ASME B30.5



56,0 m			
ft	o	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	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 400
14,0	78,6	57,7	250 700
16,0	76,5	57,2	198 500
18,0	74,3	56,6	158 400
20,0	72,2	56,0	127 000
22,0	70,0	55,2	102 000
24,0	67,8	54,4	81 200
26,0	65,5	53,5	63 600
28,0	63,2	52,5	48 800
30,0	60,9	51,3	36 000
32,0	58,5	50,1	24 600
34,0	56,0	48,7	14 800

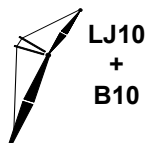
62,0 m			
ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	249 600
16,0	77,8	63,4	197 600
18,0	75,9	62,9	157 500
20,0	74,0	62,3	126 300
22,0	72,0	61,6	101 400
24,0	70,1	60,9	80 600
26,0	68,1	60,1	63 100
28,0	66,0	59,2	48 400
30,0	64,0	58,2	35 700
32,0	61,9	57,1	24 400
34,0	59,7	55,9	14 700

68,0 m			
ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	249 600
16,0	78,9	69,6	197 700
18,0	77,2	69,1	157 700
20,0	75,4	68,6	126 600
22,0	73,7	68,0	101 700
24,0	71,9	67,3	81 100
26,0	70,1	66,6	63 700
28,0	68,3	65,8	49 100
30,0	66,4	64,9	36 400
32,0	64,6	63,9	25 200
34,0	62,7	62,9	15 600

REFER TO

MLC650 S-3

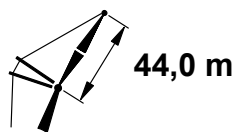
ASME B30.5



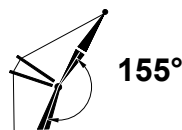
400 000 kg



360°



44,0 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	349 900
12,0	76,1	39,7	312 000
14,0	73,0	39,0	240 400
16,0	69,8	38,3	188 100
18,0	66,5	37,4	147 700
20,0	63,1	36,4	116 000
22,0	59,6	35,2	90 600
24,0	55,9	33,8	69 300
26,0	52,1	32,2	51 200
28,0	48,0	30,4	35 900
30,0	43,7	28,3	22 300
32,0	38,9	25,9	10 100

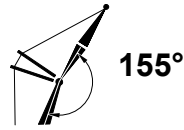
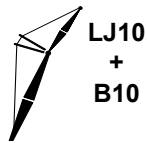
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 000
12,0	78,1	45,9	313 800
14,0	75,4	45,3	242 600
16,0	72,7	44,7	190 700
18,0	69,9	44,0	150 700
20,0	67,0	43,1	119 300
22,0	64,1	42,1	94 300
24,0	61,2	41,0	73 300
26,0	58,1	39,7	55 600
28,0	54,9	38,3	40 700
30,0	51,6	36,7	27 600
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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	314 000
14,0	77,2	51,5	243 000
16,0	74,8	51,0	191 400
18,0	72,4	50,3	151 600
20,0	69,9	49,6	120 400
22,0	67,5	48,7	95 600
24,0	64,9	47,8	74 900
26,0	62,3	46,7	57 400
28,0	59,7	45,5	42 700
30,0	56,9	44,2	29 800
32,0	54,1	42,8	18 500

REFERENCED

MLC650 S-3

ASME B30.5



56,0 m

ft	o	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	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	312 200
14,0	78,6	57,7	242 400
16,0	76,5	57,2	190 900
18,0	74,3	56,6	151 300
20,0	72,2	56,0	120 300
22,0	70,0	55,2	95 600
24,0	67,8	54,4	75 000
26,0	65,5	53,5	57 700
28,0	63,2	52,5	43 100
30,0	60,9	51,3	30 400
32,0	58,5	50,1	19 300

62,0 m

ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	310 100
14,0	79,7	63,9	241 600
16,0	77,8	63,4	190 200
18,0	75,9	62,9	150 600
20,0	74,0	62,3	119 700
22,0	72,0	61,6	95 100
24,0	70,1	60,9	74 600
26,0	68,1	60,1	57 400
28,0	66,0	59,2	42 900
30,0	64,0	58,2	30 300
32,0	61,9	57,1	19 200

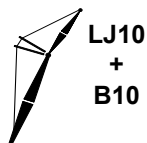
68,0 m

ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	307 600
14,0	80,6	70,0	241 700
16,0	78,9	69,6	190 400
18,0	77,2	69,1	151 000
20,0	75,4	68,6	120 200
22,0	73,7	68,0	95 700
24,0	71,9	67,3	75 300
26,0	70,1	66,6	58 100
28,0	68,3	65,8	43 700
30,0	66,4	64,9	31 200
32,0	64,6	63,9	20 200

REFER TO

MLC650 S-3

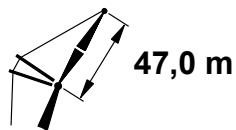
ASME B30.5



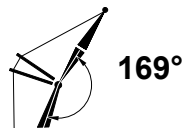
400 000 kg



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	350 400
12,0	76,1	39,7	329 700
14,0	73,0	39,0	260 300
16,0	69,8	38,3	203 600
18,0	66,5	37,4	159 700
20,0	63,1	36,4	125 200
22,0	59,6	35,2	97 500
24,0	55,9	33,8	74 300
26,0	52,1	32,2	54 400
28,0	48,0	30,4	37 500
30,0	43,7	28,3	22 500
32,0	38,9	25,9	9 000

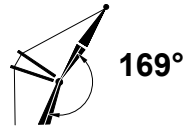
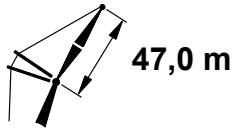
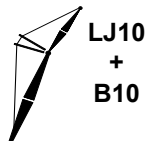
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	326 200
14,0	75,4	45,3	263 700
16,0	72,7	44,7	207 500
18,0	69,9	44,0	164 000
20,0	67,0	43,1	130 000
22,0	64,1	42,1	102 800
24,0	61,2	41,0	80 000
26,0	58,1	39,7	60 600
28,0	54,9	38,3	44 300
30,0	51,6	36,7	29 900
32,0	48,0	34,9	17 100

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	265 000
16,0	74,8	51,0	209 100
18,0	72,4	50,3	165 900
20,0	69,9	49,6	132 200
22,0	67,5	48,7	105 200
24,0	64,9	47,8	82 700
26,0	62,3	46,7	63 700
28,0	59,7	45,5	47 600
30,0	56,9	44,2	33 600
32,0	54,1	42,8	21 200

REFERENCE ONLY

MLC650 S-3

ASME B30.5



56,0 m

ft	o	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	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	265 100
16,0	76,5	57,2	209 300
18,0	74,3	56,6	166 400
20,0	72,2	56,0	132 800
22,0	70,0	55,2	106 100
24,0	67,8	54,4	83 700
26,0	65,5	53,5	64 900
28,0	63,2	52,5	49 000
30,0	60,9	51,3	35 200
32,0	58,5	50,1	23 000

62,0 m

ft	o	ft	lb
8,5	84,8	64,7	350 900
9,0	84,4	64,7	350 900
10,0	83,5	64,5	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	264 700
16,0	77,8	63,4	209 100
18,0	75,9	62,9	166 300
20,0	74,0	62,3	132 900
22,0	72,0	61,6	106 200
24,0	70,1	60,9	84 000
26,0	68,1	60,1	65 300
28,0	66,0	59,2	49 600
30,0	64,0	58,2	35 900
32,0	61,9	57,1	23 800
34,0	59,7	55,9	13 300

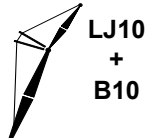
68,0 m

ft	o	ft	lb
9,1	84,8	70,7	330 500
10,0	84,0	70,6	330 500
11,0	83,2	70,5	329 900
12,0	82,3	70,3	308 200
14,0	80,6	70,0	265 300
16,0	78,9	69,6	209 800
18,0	77,2	69,1	167 100
20,0	75,4	68,6	133 800
22,0	73,7	68,0	107 300
24,0	71,9	67,3	85 200
26,0	70,1	66,6	66 500
28,0	68,3	65,8	50 900
30,0	66,4	64,9	37 300
32,0	64,6	63,9	25 400
34,0	62,7	62,9	15 000

REFERENCE

MLC650 S-3

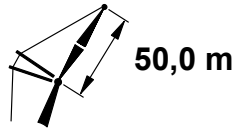
ASME B30.5



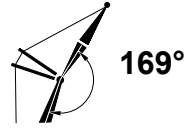
400 000 kg



360°



50,0 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	350 400
12,0	76,1	39,7	328 400
14,0	73,0	39,0	254 700
16,0	69,8	38,3	198 200
18,0	66,5	37,4	154 500
20,0	63,1	36,4	120 100
22,0	59,6	35,2	92 500
24,0	55,9	33,8	69 300
26,0	52,1	32,2	49 600
28,0	48,0	30,4	32 800
30,0	43,7	28,3	17 800

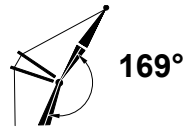
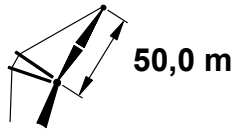
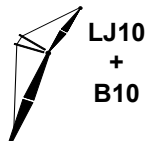
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	326 200
14,0	75,4	45,3	258 500
16,0	72,7	44,7	202 500
18,0	69,9	44,0	159 200
20,0	67,0	43,1	125 300
22,0	64,1	42,1	98 200
24,0	61,2	41,0	75 500
26,0	58,1	39,7	56 200
28,0	54,9	38,3	39 900
30,0	51,6	36,7	25 600
32,0	48,0	34,9	12 900

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	260 100
16,0	74,8	51,0	204 400
18,0	72,4	50,3	161 400
20,0	69,9	49,6	127 800
22,0	67,5	48,7	100 900
24,0	64,9	47,8	78 500
26,0	62,3	46,7	59 500
28,0	59,7	45,5	43 600
30,0	56,9	44,2	29 600
32,0	54,1	42,8	17 200

REFERENCE

MLC650 S-3

ASME B30.5



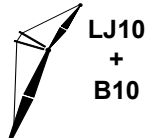
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	260 400
16,0	76,5	57,2	204 900
18,0	74,3	56,6	162 100
20,0	72,2	56,0	128 700
22,0	70,0	55,2	102 000
24,0	67,8	54,4	79 800
26,0	65,5	53,5	61 000
28,0	63,2	52,5	45 200
30,0	60,9	51,3	31 400
32,0	58,5	50,1	19 300

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	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	260 200
16,0	77,8	63,4	204 900
18,0	75,9	62,9	162 200
20,0	74,0	62,3	128 900
22,0	72,0	61,6	102 400
24,0	70,1	60,9	80 200
26,0	68,1	60,1	61 600
28,0	66,0	59,2	45 900
30,0	64,0	58,2	32 300
32,0	61,9	57,1	20 300

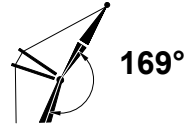
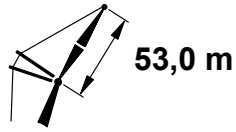
REFER TO CHART ONLY!

MLC650 S-3

ASME B30.5



400 000 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	350 400
12,0	76,1	39,7	322 400
14,0	73,0	39,0	246 300
16,0	69,8	38,3	190 000
18,0	66,5	37,4	146 500
20,0	63,1	36,4	112 300
22,0	59,6	35,2	84 900
24,0	55,9	33,8	61 800
26,0	52,1	32,2	42 200
28,0	48,0	30,4	25 400

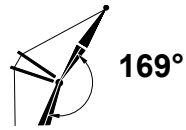
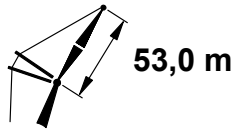
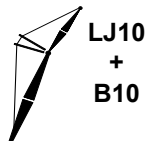
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	350 200
12,0	78,1	45,9	323 800
14,0	75,4	45,3	250 600
16,0	72,7	44,7	194 800
18,0	69,9	44,0	151 800
20,0	67,0	43,1	118 100
22,0	64,1	42,1	91 100
24,0	61,2	41,0	68 500
26,0	58,1	39,7	49 300
28,0	54,9	38,3	33 100
30,0	51,6	36,7	18 900

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	322 600
14,0	77,2	51,5	252 600
16,0	74,8	51,0	197 200
18,0	72,4	50,3	154 400
20,0	69,9	49,6	121 000
22,0	67,5	48,7	94 200
24,0	64,9	47,8	71 900
26,0	62,3	46,7	53 100
28,0	59,7	45,5	37 200
30,0	56,9	44,2	23 300
32,0	54,1	42,8	11 000

REFER

MLC650 S-3

ASME B30.5



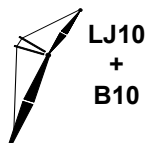
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	318 900
14,0	78,6	57,7	253 200
16,0	76,5	57,2	198 000
18,0	74,3	56,6	155 400
20,0	72,2	56,0	122 200
22,0	70,0	55,2	95 600
24,0	67,8	54,4	73 500
26,0	65,5	53,5	54 800
28,0	63,2	52,5	39 100
30,0	60,9	51,3	25 400
32,0	58,5	50,1	13 400

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	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	314 500
14,0	79,7	63,9	253 300
16,0	77,8	63,4	198 200
18,0	75,9	62,9	155 800
20,0	74,0	62,3	122 700
22,0	72,0	61,6	96 300
24,0	70,1	60,9	74 200
26,0	68,1	60,1	55 700
28,0	66,0	59,2	40 100
30,0	64,0	58,2	26 500
32,0	61,9	57,1	14 600

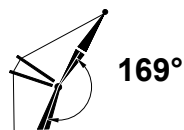
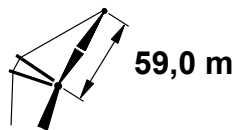
REFER TO CRANE MANUAL ONLY!

MLC650 S-3

ASME B30.5



400 000 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	349 800
12,0	76,1	39,7	307 800
14,0	73,0	39,0	231 500
16,0	69,8	38,3	175 800
18,0	66,5	37,4	132 600
20,0	63,1	36,4	98 800
22,0	59,6	35,2	71 600
24,0	55,9	33,8	48 700
26,0	52,1	32,2	29 300

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	350 000
12,0	78,1	45,9	312 600
14,0	75,4	45,3	236 800
16,0	72,7	44,7	181 600
18,0	69,9	44,0	138 900
20,0	67,0	43,1	105 500
22,0	64,1	42,1	78 800
24,0	61,2	41,0	56 400
26,0	58,1	39,7	37 400
28,0	54,9	38,3	21 400

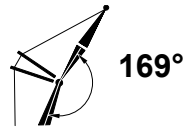
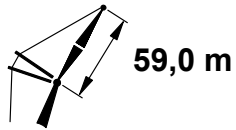
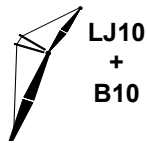
50,0 m

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	350 900
11,0	80,7	52,2	347 200
12,0	79,5	52,0	314 400
14,0	77,2	51,5	239 600
16,0	74,8	51,0	184 600
18,0	72,4	50,3	142 300
20,0	69,9	49,6	109 200
22,0	67,5	48,7	82 700
24,0	64,9	47,8	60 600
26,0	62,3	46,7	41 900
28,0	59,7	45,5	26 200
30,0	56,9	44,2	12 400

REFER TO

MLC650 S-3

ASME B30.5



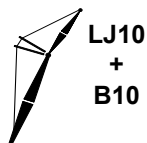
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 800
12,0	80,7	58,1	313 800
14,0	78,6	57,7	240 700
16,0	76,5	57,2	186 000
18,0	74,3	56,6	143 900
20,0	72,2	56,0	111 000
22,0	70,0	55,2	84 700
24,0	67,8	54,4	62 800
26,0	65,5	53,5	44 300
28,0	63,2	52,5	28 800
30,0	60,9	51,3	15 200

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	350 900
11,0	82,5	64,4	337 500
12,0	81,6	64,2	312 600
14,0	79,7	63,9	241 300
16,0	77,8	63,4	186 800
18,0	75,9	62,9	144 800
20,0	74,0	62,3	112 000
22,0	72,0	61,6	85 800
24,0	70,1	60,9	64 000
26,0	68,1	60,1	45 600
28,0	66,0	59,2	30 200
30,0	64,0	58,2	16 800

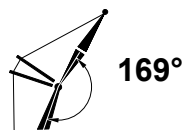
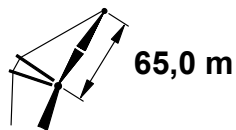
REFER TO THE CRANE MANUAL FOR MORE INFORMATION ONLY!

MLC650 S-3

ASME B30.5



400 000 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	341 500
12,0	76,1	39,7	291 800
14,0	73,0	39,0	216 200
16,0	69,8	38,3	160 900
18,0	66,5	37,4	118 200
20,0	63,1	36,4	84 700
22,0	59,6	35,2	57 800
24,0	55,9	33,8	35 200

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	346 900
12,0	78,1	45,9	297 600
14,0	75,4	45,3	222 500
16,0	72,7	44,7	167 800
18,0	69,9	44,0	125 600
20,0	67,0	43,1	92 500
22,0	64,1	42,1	66 000
24,0	61,2	41,0	43 900
26,0	58,1	39,7	25 100

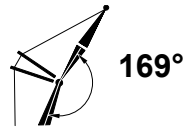
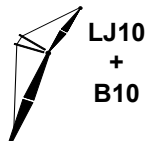
50,0 m

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	350 900
11,0	80,7	52,2	346 700
12,0	79,5	52,0	300 700
14,0	77,2	51,5	226 100
16,0	74,8	51,0	171 700
18,0	72,4	50,3	129 700
20,0	69,9	49,6	96 900
22,0	67,5	48,7	70 700
24,0	64,9	47,8	48 900
26,0	62,3	46,7	30 400
28,0	59,7	45,5	14 800

REFERENCED

MLC650 S-3

ASME B30.5



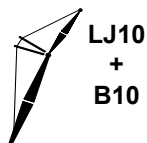
56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	342 500
12,0	80,7	58,1	302 200
14,0	78,6	57,7	227 900
16,0	76,5	57,2	173 700
18,0	74,3	56,6	132 000
20,0	72,2	56,0	99 400
22,0	70,0	55,2	73 400
24,0	67,8	54,4	51 700
26,0	65,5	53,5	33 400
28,0	63,2	52,5	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	350 900
11,0	82,5	64,4	337 400
12,0	81,6	64,2	303 100
14,0	79,7	63,9	228 900
16,0	77,8	63,4	174 900
18,0	75,9	62,9	133 400
20,0	74,0	62,3	100 900
22,0	72,0	61,6	75 000
24,0	70,1	60,9	53 400
26,0	68,1	60,1	35 300
28,0	66,0	59,2	20 000

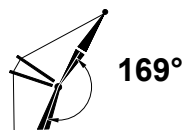
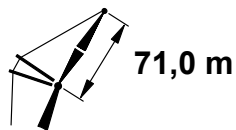
REFER TO MANITOWOC CRANES ONLY!

MLC650 S-3

ASME B30.5



400 000 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	326 200
12,0	76,1	39,7	277 000
14,0	73,0	39,0	202 000
16,0	69,8	38,3	147 300
18,0	66,5	37,4	105 000
20,0	63,1	36,4	71 800
22,0	59,6	35,2	45 200
24,0	55,9	33,8	22 800

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	332 600
12,0	78,1	45,9	283 700
14,0	75,4	45,3	209 400
16,0	72,7	44,7	155 200
18,0	69,9	44,0	113 300
20,0	67,0	43,1	80 600
22,0	64,1	42,1	54 400
24,0	61,2	41,0	32 400

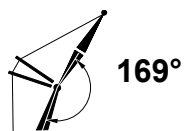
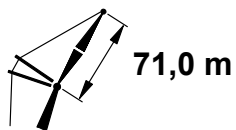
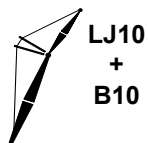
50,0 m

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	350 900
11,0	80,7	52,2	336 200
12,0	79,5	52,0	287 600
14,0	77,2	51,5	213 700
16,0	74,8	51,0	159 800
18,0	72,4	50,3	118 300
20,0	69,9	49,6	85 800
22,0	67,5	48,7	59 900
24,0	64,9	47,8	38 200
26,0	62,3	46,7	19 900

REFERENCE

MLC650 S-3

ASME B30.5

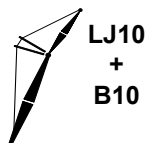


<p>56,0 m</p>			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	338 100
12,0	80,7	58,1	289 700
14,0	78,6	57,7	216 000
16,0	76,5	57,2	162 400
18,0	74,3	56,6	121 100
20,0	72,2	56,0	88 800
22,0	70,0	55,2	63 100
24,0	67,8	54,4	41 600
26,0	65,5	53,5	23 500

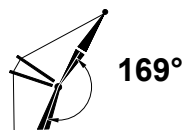
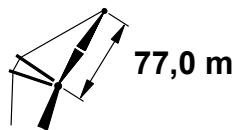
REFERENCE ONLY!

MLC650 S-3

ASME B30.5



400 000 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	348 300
11,0	77,7	40,0	307 800
12,0	76,1	39,7	259 100
14,0	73,0	39,0	185 000
16,0	69,8	38,3	130 900
18,0	66,5	37,4	89 100
20,0	63,1	36,4	56 300
22,0	59,6	35,2	30 000

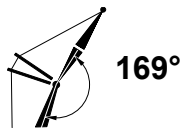
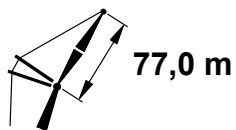
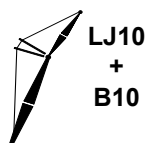
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	350 900
11,0	79,4	46,1	315 300
12,0	78,1	45,9	267 000
14,0	75,4	45,3	193 500
16,0	72,7	44,7	139 900
18,0	69,9	44,0	98 600
20,0	67,0	43,1	66 200
22,0	64,1	42,1	40 400
24,0	61,2	41,0	18 700

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	350 900
11,0	80,7	52,2	319 800
12,0	79,5	52,0	271 700
14,0	77,2	51,5	198 700
16,0	74,8	51,0	145 400
18,0	72,4	50,3	104 400
20,0	69,9	49,6	72 300
22,0	67,5	48,7	46 700
24,0	64,9	47,8	25 300

REFERENCED

MLC650 S-3

ASME B30.5

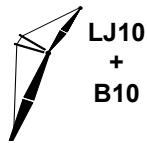


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	350 900
11,0	81,7	58,3	322 300
12,0	80,7	58,1	274 500
14,0	78,6	57,7	201 700
16,0	76,5	57,2	148 800
18,0	74,3	56,6	108 000
20,0	72,2	56,0	76 100
22,0	70,0	55,2	50 700
24,0	67,8	54,4	29 500

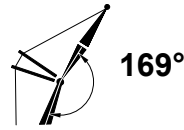
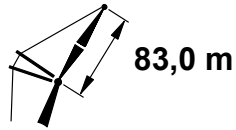
REFERENCE ONLY!

MLC650 S-3

ASME B30.5



400 000 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	341 500
11,0	77,7	40,0	291 200
12,0	76,1	39,7	243 100
14,0	73,0	39,0	169 800
16,0	69,8	38,3	116 300
18,0	66,5	37,4	75 000
20,0	63,1	36,4	42 500

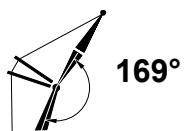
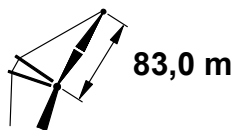
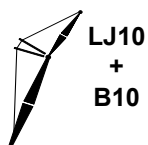
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	344 800
11,0	79,4	46,1	299 700
12,0	78,1	45,9	252 000
14,0	75,4	45,3	179 300
16,0	72,7	44,7	126 400
18,0	69,9	44,0	85 500
20,0	67,0	43,1	53 500
22,0	64,1	42,1	27 900

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	346 800
11,0	80,7	52,2	305 000
12,0	79,5	52,0	257 500
14,0	77,2	51,5	185 300
16,0	74,8	51,0	132 700
18,0	72,4	50,3	92 100
20,0	69,9	49,6	60 400
22,0	67,5	48,7	35 100
24,0	64,9	47,8	14 000

REFERENCED

MLC650 S-3

ASME B30.5

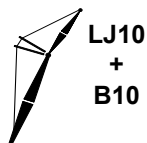


56,0 m			
ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	348 100
11,0	81,7	58,3	308 100
12,0	80,7	58,1	260 800
14,0	78,6	57,7	188 900
16,0	76,5	57,2	136 600
18,0	74,3	56,6	96 300
20,0	72,2	56,0	64 800
22,0	70,0	55,2	39 700
24,0	67,8	54,4	18 800

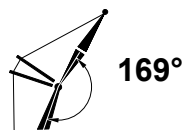
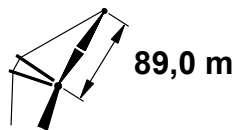
REFERENCE ONLY!

MLC650 S-3

ASME B30.5



400 000 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	330 400
11,0	77,7	40,0	270 800
12,0	76,1	39,7	223 300
14,0	73,0	39,0	151 000
16,0	69,8	38,3	98 200
18,0	66,5	37,4	57 500

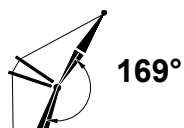
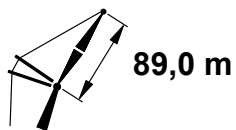
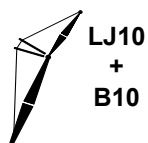
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	336 900
11,0	79,4	46,1	280 600
12,0	78,1	45,9	233 500
14,0	75,4	45,3	161 800
16,0	72,7	44,7	109 600
18,0	69,9	44,0	69 300
20,0	67,0	43,1	37 700

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	339 300
11,0	80,7	52,2	286 800
12,0	79,5	52,0	240 000
14,0	77,2	51,5	168 700
16,0	74,8	51,0	116 900
18,0	72,4	50,3	76 900
20,0	69,9	49,6	45 700
22,0	67,5	48,7	20 700

REFERENCIA

MLC650 S-3

ASME B30.5

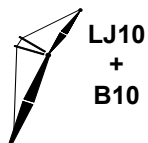


ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	340 800
11,0	81,7	58,3	290 700
12,0	80,7	58,1	244 100
14,0	78,6	57,7	173 200
16,0	76,5	57,2	121 600
18,0	74,3	56,6	81 900
20,0	72,2	56,0	50 800
22,0	70,0	55,2	26 100

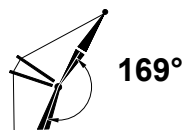
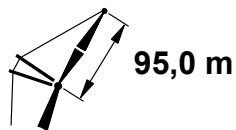
REFERENCE ONLY!

MLC650 S-3

ASME B30.5



400 000 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	312 200
11,0	77,7	40,0	253 400
12,0	76,1	39,7	206 400
14,0	73,0	39,0	134 900
16,0	69,8	38,3	82 800
18,0	66,5	37,4	42 500

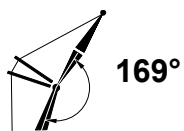
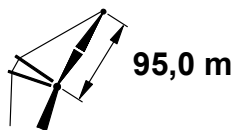
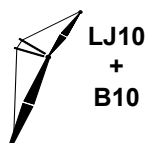
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	322 600
11,0	79,4	46,1	264 200
12,0	78,1	45,9	217 700
14,0	75,4	45,3	146 900
16,0	72,7	44,7	95 200
18,0	69,9	44,0	55 400

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	329 300
11,0	80,7	52,2	271 300
12,0	79,5	52,0	225 000
14,0	77,2	51,5	154 600
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-3

ASME B30.5

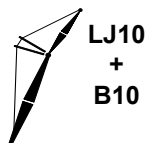


ft	°	ft	lb
7,9	84,9	58,8	350 900
8,0	84,8	58,7	350 900
9,0	83,8	58,6	350 900
10,0	82,7	58,5	333 500
11,0	81,7	58,3	275 800
12,0	80,7	58,1	229 700
14,0	78,6	57,7	159 800
16,0	76,5	57,2	108 800
18,0	74,3	56,6	69 600
20,0	72,2	56,0	38 900

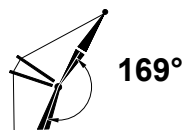
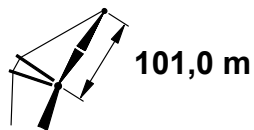
REFERENCE ONLY!

MLC650 S-3

ASME B30.5



400 000 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	350 500
10,0	79,3	40,2	289 900
11,0	77,7	40,0	231 900
12,0	76,1	39,7	185 600
14,0	73,0	39,0	115 100
16,0	69,8	38,3	63 700
18,0	66,5	37,4	24 000

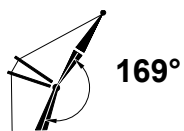
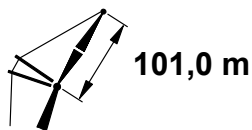
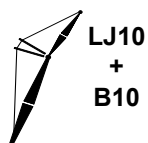
44,0 m			
ft	o	ft	lb
7,3	84,3	46,8	350 900
7,5	84,0	46,7	350 900
8,0	83,4	46,7	350 900
9,0	82,1	46,5	350 900
10,0	80,7	46,3	301 600
11,0	79,4	46,1	244 100
12,0	78,1	45,9	198 200
14,0	75,4	45,3	128 400
16,0	72,7	44,7	77 600
18,0	69,9	44,0	38 400

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	350 900
10,0	81,9	52,4	309 300
11,0	80,7	52,2	252 100
12,0	79,5	52,0	206 500
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

MLC650 S-3

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	314 400
11,0	81,7	58,3	257 500
12,0	80,7	58,1	212 100
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!