

Liftcrane Jib Capacities

Jib No. 117 on
 Boom No. B10:290
 73,000 lb Crane Counterweight
 23,100 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

MLC100-1 SERIES 2



LIFTING CAPACITIES: Chart supplements Boom Capacity chart **No. 9718-A**. Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths, jib lengths, and jib 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 and jib point sheaves is considered part of load. Boom and jib are 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 and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 84054317**, Jib Rigging **No. 84054323**, Wire Rope Specifications chart **No. 9714-A**, Counterweight Arrangements chart **No. 9703-A**, and Wind Conditions chart **No. 9713-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.



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



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



JIB POINT ELEVATION: Jib point elevation is vertical distance from barge deck to centerline of jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 21 ft 3 in. crawlers, 35 in. treads, 14 ft 5 in. gantry, 8 part boom hoist reeving, two 32 mm boom pendants, 73,000 lb crane counterweight, and 23,100 lb carbody counterweight.

Refer to Tables 1 and 2 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom and jib point sheaves. For block weights shown with # or (a), load blocks, hooks, weight ball, and slings must remain on barge deck until combined weights are within rated capacity of chart. For block weights shown with (a), optional 3rd sheave in boom top wire rope guide and 2nd anti-two-block on boom top must be removed, and boom must be rigged with a maximum of 2 load hoist lead lines. Raising is not permitted in shaded areas of table.

Caution: Combined weight beneath boom and jib point sheaves must not exceed block weight shown. Total weight beneath jib point must not exceed 700 lb.

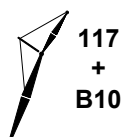
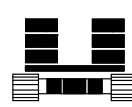
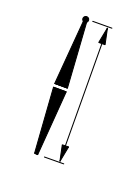
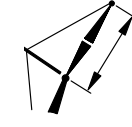
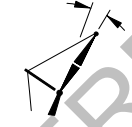
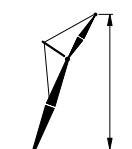
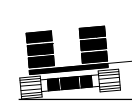
Table 1

Over End or Side of Crawlers								
Boom Length (ft)	Jib No. 117							
	30.0 ft		40.0 ft		50.0 ft		60.0 ft	
	0°	1° - 3°	0°	1° - 3°	0°	1° - 3°	0°	1° - 3°
	Block Weight (lb)							
42.7 - 141.1	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
150.9	3,800	3,800	2,650	2,650	2,650	2,650	2,650	2,650
160.8	2,650	2,650	700	700	700	700	700	700
170.6	700	700	700	700	700	700	#	#
180.4	700	a	700	a	a	a	a	
190.3	a	a	a	a	Raising Not Permitted			

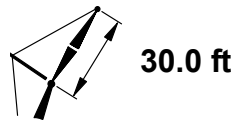
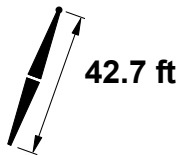
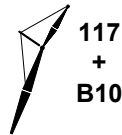
Table 2

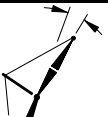
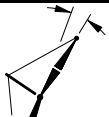
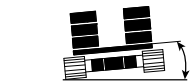
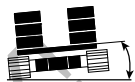
Over End of Blocked Crawlers								
Boom Length (ft)	Jib No. 117							
	30.0 ft		40.0 ft		50.0 ft		60.0 ft	
	0°	1° - 3°	0°	1° - 3°	0°	1° - 3°	0°	1° - 3°
	Block Weight (lb)							
42.7 - 141.1	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
150.9	3,800	3,800	2,650	2,650	2,650	2,650	2,650	2,650
160.8	2,650	2,650	700	700	700	700	700	700
170.6	700	700	700	700	700	700	#	#
180.4	700	a	700	a	a	a	a	
190.3	a	a	a	a	a	a	a	
Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. Crane tipping or structural damage can occur.								

Explanation of Symbols

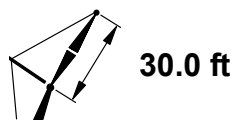
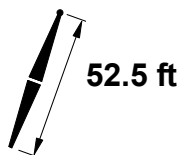
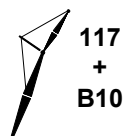
	Jib No. 117 + Boom No. B10:290
	Crane Counterweight + Carbody Counterweight
	360 Degree Rating
	Boom Length
	Jib Length
	Jib Offset Angle
	Operating Radius (see page 1)
	Boom Angle (see page 1)
	Jib Point Elevation (see page 1)
	Machine List
	Lifting Capacities (see page 1)

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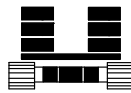
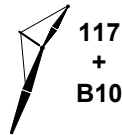
		 10°						 30°							
															

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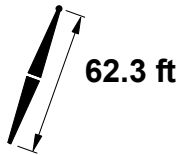


	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
24	81.0		88.0	27,600										24
26	79.6		87.5	27,600	27,600									26
28	78.2		87.0	27,600	27,600	25,200								28
30	76.7		86.4	27,600	27,600	25,100	22,700							30
32	75.3		85.7	27,600	27,600	24,900	22,600							32
34	73.8		85.0	27,600	27,600	24,700	22,400	79.6	82.6	20,500	20,100			34
36	72.3		84.2	27,600	27,300	24,500	22,300	78.1	81.8	19,900	19,600	19,300		36
38	70.8		83.3	27,600	27,200	24,400	22,200	76.5	80.9	19,400	19,100	18,800	17,200	38
40	69.3		82.4	27,600	27,000	24,200	22,000	75.0	80.0	18,900	18,600	18,300	16,900	40
42	67.8		81.5	27,600	26,800	24,100	21,900	73.4	79.0	18,400	18,200	17,900	16,500	42
44	66.3		80.4	27,600	26,700	24,000	21,800	71.8	77.9	18,000	17,700	17,500	16,300	44
46	64.7		79.3	27,600	26,500	23,900	21,700	70.2	76.8	17,600	17,300	17,100	16,000	46
48	63.1		78.1	27,600	26,400	23,700	21,600	68.5	75.6	17,200	17,000	16,700	15,700	48
50	61.5		76.9	27,600	26,200	23,600	21,500	66.8	74.3	16,800	16,600	16,400	15,500	50
55	57.3		73.4	26,300	25,300	23,400	21,300	62.4	70.6	16,000	15,800	15,600	14,800	55
60	52.8		69.3	24,200	23,400	22,500	21,200	57.8	66.3	15,200	15,100	15,000	14,300	60
65	48.0		64.4	22,500	21,800	21,000	20,300	52.7	61.2	14,600	14,500	14,400	13,800	65
70	42.8		58.7	21,100	20,500	19,800	19,100	47.2	55.1	14,100	14,000	13,900	13,500	70
75	36.9		51.6	20,000	19,400	18,800	18,200	40.7	47.4	13,700	13,600	13,600	13,300	75
80	29.7		42.6	19,200	18,700	18,200	17,600	32.6	37.1	13,400	13,400	13,400	13,300	80

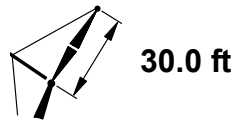
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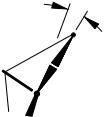
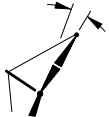
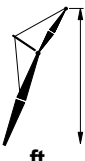
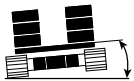
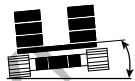
73,000 lb
+
23,100 lb



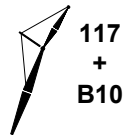
62.3 ft



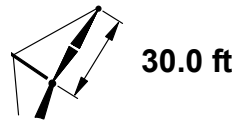
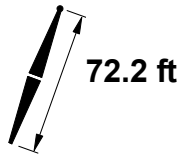
30.0 ft

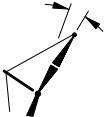
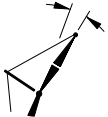
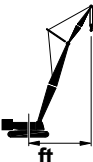
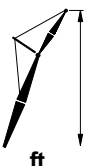
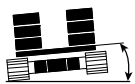
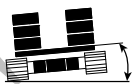
	 10°							 30°							
	 ft	 °	 ft					 °	 ft						
				0°	1°	2°	3°			0°	1°	2°	3°		
				lb	lb	lb	lb			lb	lb	lb	lb		
26	80.7	97.6	27,600											26	
28	79.4	97.2	27,600	27,600										28	
30	78.2	96.6	27,600	27,600	25,100									30	
32	76.9	96.0	27,600	27,600	25,000	22,700								32	
34	75.6	95.4	27,600	27,600	24,800	22,500	80.8	92.9	20,900					34	
36	74.3	94.7	27,600	27,600	24,700	22,400	79.4	92.2	20,400	20,000				36	
38	73.0	94.0	27,600	27,400	24,600	22,300	78.1	91.5	19,900	19,600	19,200			38	
40	71.7	93.2	27,600	27,200	24,400	22,200	76.7	90.6	19,400	19,100	18,800	18,500		40	
42	70.3	92.3	27,600	27,100	24,300	22,100	75.3	89.8	19,000	18,700	18,400	18,100		42	
44	69.0	91.4	27,600	27,000	24,200	21,900	74.0	88.8	18,600	18,300	18,000	17,700		44	
46	67.6	90.4	27,600	26,800	24,100	21,800	72.5	87.8	18,200	17,900	17,600	17,400		46	
48	66.2	89.4	27,600	26,700	24,000	21,800	71.1	86.8	17,800	17,500	17,300	17,100		48	
50	64.8	88.3	27,600	26,500	23,900	21,700	69.7	85.7	17,400	17,200	17,000	16,700		50	
55	61.2	85.3	27,600	26,300	23,600	21,500	66.0	82.6	16,600	16,400	16,200	16,000		55	
60	57.5	81.9	27,200	26,000	23,400	21,300	62.1	79.0	15,900	15,700	15,500	15,400		60	
65	53.6	77.9	25,500	25,100	23,300	21,200	58.0	74.9	15,200	15,100	15,000	14,800		65	
70	49.4	73.3	23,900	23,300	22,500	21,200	53.6	70.1	14,700	14,600	14,500	14,400		70	
75	44.9	68.0	22,000	21,300	20,700	20,100	48.9	64.4	14,200	14,100	14,000	14,000		75	
80	40.0	61.7	20,200	19,600	19,100	18,500	43.6	57.7	13,800	13,800	13,700	13,700		80	
85	34.4	54.1	18,500	18,100	17,600	17,200	37.4	49.3	13,500	13,500	13,500	13,400		85	
90	27.6	44.3	17,100	16,700	16,400	16,000								90	

MLC100-1 S-2

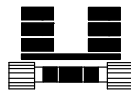
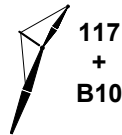


73,000 lb
+
23,100 lb



	 10°							 30°							
	 ft	 °	 ft					 °	 ft						
				 0° lb	 1° lb	 2° lb	 3° lb			 0° lb	 1° lb	 2° lb	 3° lb	 ft	
28	80.5	107.3	27,600											28	
30	79.3	106.8	27,600	27,600										30	
32	78.2	106.2	27,600	27,600	25,100									32	
34	77.0	105.7	27,600	27,600	24,900	22,500								34	
36	75.9	105.1	27,600	27,600	24,800	22,500	80.5	102.5	20,800					36	
38	74.7	104.4	27,600	27,600	24,700	22,300	79.3	101.8	20,300	20,000				38	
40	73.5	103.7	27,600	27,500	24,600	22,300	78.1	101.1	19,900	19,500	19,200			40	
42	72.3	102.9	27,600	27,300	24,500	22,100	76.9	100.3	19,500	19,100	18,800	18,300		42	
44	71.1	102.1	27,600	27,200	24,300	22,100	75.6	99.5	19,100	18,700	18,400	18,200		44	
46	69.9	101.3	27,600	27,000	24,200	22,000	74.4	98.6	18,700	18,400	18,100	17,800		46	
48	68.7	100.4	27,600	26,900	24,100	21,900	73.1	97.7	18,300	18,000	17,800	17,500		48	
50	67.5	99.4	27,600	26,800	24,000	21,800	71.9	96.7	18,000	17,700	17,400	17,200		50	
55	64.3	96.8	27,600	26,500	23,800	21,700	68.6	94.0	17,200	16,900	16,700	16,500		55	
60	61.1	93.8	27,600	26,300	23,600	21,500	65.3	90.9	16,400	16,200	16,100	15,900		60	
65	57.7	90.4	26,400	25,300	23,500	21,300	61.8	87.4	15,800	15,600	15,500	15,300		65	
70	54.2	86.5	23,900	23,000	22,200	21,300	58.2	83.4	15,200	15,100	15,000	14,900		70	
75	50.5	82.2	21,800	21,000	20,300	19,600	54.3	78.8	14,700	14,600	14,500	14,400		75	
80	46.6	77.2	20,000	19,300	18,700	18,100	50.2	73.5	14,300	14,200	14,100	14,100		80	
85	42.3	71.4	18,400	17,800	17,300	16,800	45.7	67.4	13,900	13,900	13,800	13,800		85	
90	37.6	64.6	16,900	16,500	16,000	15,600	40.6	60.1	13,600	13,600	13,600	13,500		90	
95	32.3	56.4	15,700	15,300	14,900	14,500	34.7	51.1	13,400	13,400	13,400	13,400		95	
100	25.8	45.8	14,500	14,200	13,900	13,600								100	

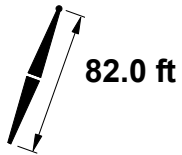
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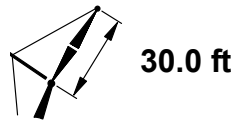
73,000 lb
+
23,100 lb



360°



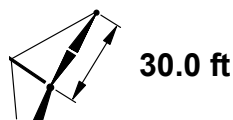
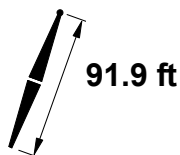
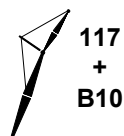
82.0 ft

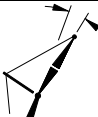
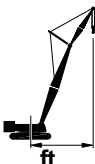
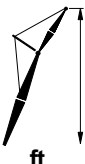
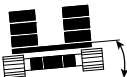
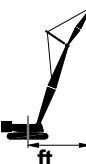


30.0 ft

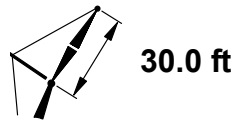
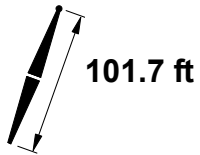
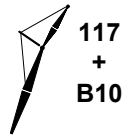
		10°						30°					
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
30	80.3	116.9	27,600										30
32	79.2	116.4	27,600	27,600									32
34	78.2	115.9	27,600	27,600	24,900								34
36	77.1	115.3	27,600	27,600	24,900	22,500							36
38	76.1	114.7	27,600	27,600	24,700	22,400	80.3	112.1	20,700				38
40	75.0	114.1	27,600	27,600	24,600	22,300	79.2	111.4	20,300	19,900			40
42	73.9	113.4	27,600	27,400	24,500	22,200	78.1	110.7	19,900	19,500	19,200		42
44	72.9	112.7	27,600	27,300	24,400	22,100	77.0	110.0	19,500	19,200	18,800	17,700	44
46	71.8	111.9	27,600	27,200	24,300	22,000	75.9	109.2	19,100	18,800	18,500	17,700	46
48	70.7	111.1	27,600	27,100	24,300	22,000	74.8	108.4	18,800	18,500	18,200	17,700	48
50	69.6	110.3	27,600	26,900	24,200	21,900	73.6	107.5	18,400	18,100	17,900	17,600	50
55	66.8	107.9	27,600	26,700	24,000	21,800	70.8	105.1	17,600	17,400	17,200	16,900	55
60	63.9	105.3	27,600	26,500	23,800	21,600	67.8	102.4	16,900	16,700	16,500	16,300	60
65	60.9	102.3	26,100	24,900	23,600	21,500	64.7	99.3	16,300	16,100	16,000	15,800	65
70	57.9	98.9	23,600	22,700	21,700	20,800	61.6	95.8	15,800	15,600	15,400	15,300	70
75	54.7	95.1	21,500	20,700	19,900	19,100	58.3	91.9	15,200	15,100	15,000	14,900	75
80	51.4	90.9	19,700	19,000	18,300	17,600	54.8	87.5	14,800	14,700	14,600	14,500	80
85	47.9	86.1	18,100	17,500	16,900	16,300	51.2	82.5	14,400	14,300	14,200	14,100	85
90	44.1	80.7	16,700	16,100	15,600	15,100	47.2	76.8	14,000	14,000	13,900	13,800	90
95	40.1	74.5	15,400	15,000	14,500	14,100	42.9	70.2	13,800	13,700	13,700	13,600	95
100	35.6	67.2	14,300	13,900	13,500	13,100	38.1	62.4	13,500	13,500	13,500	13,300	100
105	30.5	58.5	13,300	13,000	12,600	12,300	32.4	52.7	13,300	13,000	12,700	12,400	105
110	24.2	47.3	12,400	12,100	11,800	11,500							110

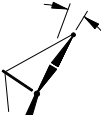
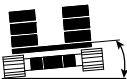
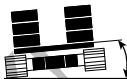
MLC100-1 S-2



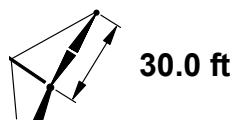
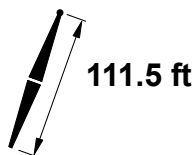
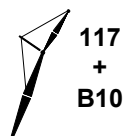
	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0° lb	1° lb	2° lb	3° lb			0° lb	1° lb	2° lb	3° lb		
32	80.1	126.5	27,600											32	
34	79.2	126.0	27,600		27,600									34	
36	78.2	125.5	27,600		27,600									36	
38	77.2	125.0	27,600		27,600	24,800								38	
40	76.3	124.4	27,600		27,600	24,700	22,300							40	
42	75.3	123.8	27,600	27,500	24,600	22,200	79.1	121.1	20,200	19,900				42	
44	74.3	123.1	27,600	27,500	24,500	22,100	78.1	120.4	19,900	19,500	19,200			44	
46	73.3	122.4	27,600	27,300	24,400	22,000	77.1	119.7	19,500	19,200	18,800	17,200		46	
48	72.3	121.7	27,600	27,200	24,300	22,000	76.1	118.9	19,200	18,800	18,500	17,200		48	
50	71.3	120.9	27,600	27,100	24,200	21,900	75.1	118.1	18,800	18,500	18,200	17,200		50	
55	68.8	118.8	27,600	26,900	24,000	21,800	72.5	115.9	18,100	17,800	17,600	17,200		55	
60	66.2	116.4	27,600	26,600	23,800	21,600	69.8	113.5	17,400	17,200	16,900	16,700		60	
65	63.5	113.7	25,900	24,700	23,500	21,500	67.1	110.7	16,800	16,600	16,400	16,200		65	
70	60.8	110.7	23,500	22,400	21,400	20,400	64.3	107.7	16,200	16,000	15,900	15,700		70	
75	58.0	107.4	21,400	20,400	19,600	18,700	61.4	104.2	15,700	15,600	15,400	15,300		75	
80	55.1	103.7	19,500	18,700	18,000	17,300	58.4	100.4	15,300	15,100	15,000	14,900		80	
85	52.1	99.6	17,900	17,300	16,600	16,000	55.3	96.2	14,800	14,700	14,600	14,500		85	
90	48.9	95.0	16,500	15,900	15,400	14,800	52.0	91.4	14,500	14,400	14,300	14,200		90	
95	45.6	89.9	15,300	14,800	14,300	13,800	48.5	86.0	14,100	14,100	14,000	13,900		95	
100	42.0	84.1	14,200	13,700	13,300	12,800	44.7	79.9	13,900	13,800	13,400	13,000		100	
105	38.1	77.4	13,200	12,800	12,400	12,000	40.6	72.9	13,300	12,900	12,500	12,100		105	
110	33.8	69.7	12,300	11,900	11,600	11,200	35.9	64.5	12,300	12,000	11,700	11,300		110	
115	28.9	60.4	11,400	11,100	10,800	10,500	30.5	54.2	11,500	11,200	10,900	10,600		115	
120	22.9	48.6	10,600	10,400	10,200	9,900								120	

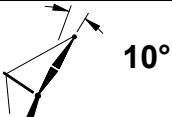
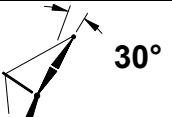
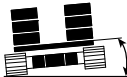
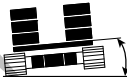
MLC100-1 S-2



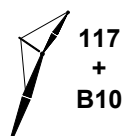
		 10°						 30°						
														

MLC100-1 S-2

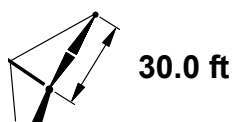


	 10°							 30°							
	 ft	 °	 ft					 ft	 °	 ft					
				 lb	 lb	 lb	 lb				 lb	 lb	 lb	 lb	
34	80.7	146.2	27,600					80.7	141.5	20,800					34
36	79.9	145.8	27,600	27,600				79.9	140.9	20,500	20,100				36
38	79.0	145.3	27,600	27,600				79.0	140.3	20,100	19,800				38
40	78.2	144.8	27,600	27,600	24,600			78.2	139.7	19,800	19,500	19,200			40
42	77.4	144.3	27,600	27,500	24,400	22,000		77.3	139.0	19,500	19,200	18,900	16,500		42
44	76.5	143.7	27,600	27,400	24,400	22,000		75.1	137.2	18,800	18,500	18,200	16,500		44
46	75.7	143.1	27,600	27,400	24,400	21,900		72.9	135.1	18,200	17,900	17,600	16,500		46
48	74.9	142.5	27,600	27,200	24,200	21,900		70.6	132.8	17,600	17,300	17,100	16,400		48
50	74.0	141.8	27,600	27,200	24,200	21,900		68.3	130.3	17,000	16,800	16,600	16,400		50
55	71.9	140.1	27,600	27,000	24,100	21,700		66.0	127.5	16,500	16,300	16,100	16,000		55
60	69.7	138.1	27,600	26,600	23,900	21,600		63.6	124.5	16,100	15,900	15,700	15,600		60
65	67.5	135.8	25,500	24,000	22,600	21,400		61.1	121.1	15,600	15,500	15,300	15,200		65
70	65.3	133.4	23,000	21,700	20,600	19,500		58.6	117.4	15,300	15,100	15,000	14,300		70
75	63.0	130.6	20,900	19,800	18,800	17,900		55.9	113.4	14,900	14,500	13,900	13,300		75
80	60.6	127.7	19,000	18,100	17,200	16,400		53.2	108.9	13,900	13,400	12,800	12,300		80
85	58.2	124.4	17,500	16,600	15,900	15,100		50.3	104.0	12,900	12,400	11,900	11,500		85
90	55.7	120.8	16,000	15,300	14,700	14,000		47.3	98.6	12,000	11,500	11,100	10,700		90
95	53.2	116.9	14,800	14,200	13,600	13,000		44.0	92.5	11,100	10,700	10,300	10,000		95
100	50.5	112.6	13,700	13,100	12,600	12,100		40.5	85.6	10,300	10,000	9,600	9,300		100
105	47.7	107.8	12,700	12,200	11,700	11,300		36.7	77.7	9,600	9,300	9,000	8,700		105
110	44.8	102.6	11,800	11,300	10,900	10,500		32.4	68.4	8,900	8,600	8,400	8,100		110
115	41.7	96.8	11,000	10,600	10,200	9,800									115
120	38.4	90.3	10,200	9,900	9,500	9,200									120
125	34.8	82.9	9,500	9,200	8,900	8,600									125
130	30.8	74.3	8,900	8,600	8,300	8,100									130
135	26.2	64.0	8,300	8,000	7,800	7,600									135
140	20.6	50.9	7,700	7,500	7,300	7,100									140

MLC100-1 S-2

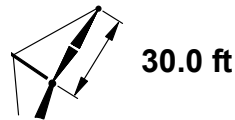
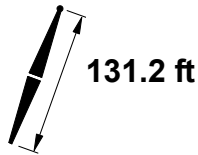


73,000 lb
+
23,100 lb



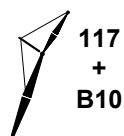
		10°						30°					
		0°	1°	2°	3°			0°	1°	2°	3°		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
36	80.5	155.8	27,600	27,600									36
38	79.8	155.4	27,600	27,600									38
40	79.0	154.9	27,600	27,600	24,400								40
42	78.2	154.4	27,600	27,500	24,400								42
44	77.4	153.9	27,600	27,400	24,300	21,900	80.6	151.1	20,700				44
46	76.7	153.4	27,600	27,300	24,200	21,800	79.8	150.5	20,400	20,000			46
48	75.9	152.8	27,600	27,300	24,100	21,800	79.0	149.9	20,100	19,800	19,400		48
50	75.1	152.2	27,600	27,100	24,100	21,700	78.2	149.3	19,800	19,500	19,100		50
55	73.1	150.5	27,600	27,000	24,000	21,700	76.1	147.6	19,100	18,800	18,500	16,200	55
60	71.1	148.7	27,600	26,300	23,900	21,600	74.1	145.7	18,500	18,200	17,900	16,200	60
65	69.1	146.6	25,200	23,600	22,200	20,900	72.0	143.6	17,900	17,700	17,400	16,100	65
70	67.0	144.3	22,700	21,400	20,200	19,000	69.9	141.3	17,400	17,200	16,900	16,100	70
75	64.9	141.8	20,600	19,500	18,400	17,400	67.7	138.8	16,900	16,700	16,500	16,100	75
80	62.7	139.1	18,800	17,800	16,900	16,000	65.5	136.0	16,400	16,200	16,100	15,900	80
85	60.5	136.1	17,200	16,300	15,500	14,700	63.3	132.9	16,000	15,800	15,700	15,100	85
90	58.3	132.9	15,800	15,000	14,300	13,600	61.0	129.6	15,600	15,400	14,600	13,900	90
95	56.0	129.4	14,500	13,900	13,200	12,600	58.6	125.9	14,900	14,200	13,500	12,900	95
100	53.6	125.5	13,400	12,800	12,200	11,700	56.2	122.0	13,700	13,100	12,500	12,000	100
105	51.2	121.3	12,400	11,900	11,400	10,900	53.6	117.6	12,700	12,100	11,600	11,100	105
110	48.6	116.7	11,500	11,000	10,600	10,100	51.0	112.9	11,700	11,300	10,800	10,300	110
115	45.9	111.7	10,700	10,300	9,800	9,400	48.2	107.7	10,900	10,400	10,000	9,600	115
120	43.1	106.1	9,900	9,600	9,200	8,800	45.3	101.9	10,100	9,700	9,300	9,000	120
125	40.1	100.0	9,300	8,900	8,600	8,200	42.2	95.5	9,400	9,000	8,700	8,400	125
130	36.9	93.2	8,600	8,300	8,000	7,700	38.8	88.2	8,700	8,400	8,100	7,800	130
135	33.5	85.4	8,000	7,700	7,500	7,200	35.1	79.9	8,100	7,800	7,500	7,300	135
140	29.6	76.4	7,500	7,200	7,000	6,700	30.9	70.2	7,500	7,300	7,000	6,800	140
145	25.1	65.6	7,000	6,700	6,500	6,300							145

MLC100-1 S-2

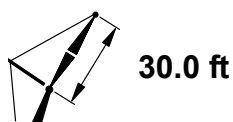
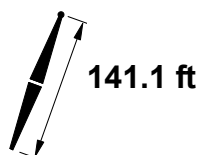


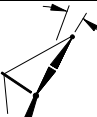
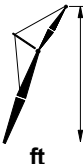
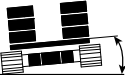
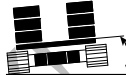
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
38	80.4	165.5	27,600					80.4	160.7	20,700				38
40	79.7	165.0	27,600		27,400			79.7	160.1	20,400				40
42	78.9	164.6	27,600		27,300	24,200								42
44	78.2	164.1	27,600		27,200	24,100								44
46	77.5	163.6	27,600		27,200	24,100	21,700							46
48	76.8	163.0	27,600		27,100	24,000	21,600							48
50	76.0	162.5	27,600		27,000	24,000	21,600							50
55	74.2	160.9	27,600		26,900	23,800	21,500							55
60	72.3	159.2	27,600		26,000	23,800	21,500							60
65	70.4	157.3	25,000		23,300	21,800	20,400							65
70	68.5	155.2	22,500		21,100	19,800	18,600							70
75	66.5	152.8	20,400		19,200	18,100	17,000							75
80	64.6	150.3	18,600		17,500	16,500	15,600							80
85	62.5	147.6	17,000		16,100	15,200	14,400							85
90	60.5	144.6	15,600		14,800	14,000	13,300							90
95	58.4	141.4	14,300		13,600	12,900	12,300							95
100	56.2	137.9	13,200		12,600	12,000	11,400							100
105	54.0	134.1	12,200		11,700	11,100	10,600							105
110	51.7	130.0	11,300		10,800	10,300	9,800							110
115	49.3	125.5	10,500		10,000	9,600	9,200							115
120	46.9	120.6	9,800		9,300	8,900	8,500							120
125	44.3	115.3	9,100		8,700	8,300	8,000							125
130	41.6	109.5	8,400		8,100	7,800	7,400							130
135	38.7	103.1	7,900		7,500	7,200	6,900							135
140	35.6	95.9	7,300		7,000	6,800	6,500							140
145	32.2	87.8	6,800		6,600	6,300	6,100							145
150	28.5	78.4	6,300		6,100	5,900	5,700							150
155	24.1	67.2	5,900		5,700	5,500	5,300							155

MLC100-1 S-2

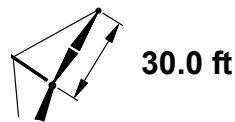
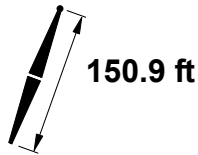


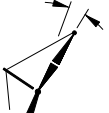
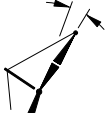
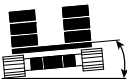
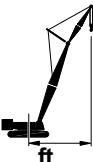
73,000 lb
+
23,100 lb



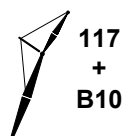
	 10°							 30°							
															
															
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
38	81.0	175.5	27,600										38		
40	80.3	175.1	27,600										40		
42	79.6	174.7	27,600	27,100									42		
44	78.9	174.2	27,600	27,100	23,900								44		
46	78.2	173.7	27,600	27,000	23,900		81.0	170.8	20,900				46		
48	77.5	173.2	27,600	26,900	23,900	21,400	80.3	170.3	20,600				48		
50	76.8	172.7	27,600	26,900	23,800	21,400	79.6	169.8	20,300	20,000			50		
55	75.1	171.2	27,600	26,800	23,700	21,300	77.8	168.3	19,700	19,300	18,400	15,500	55		
60	73.4	169.6	27,600	25,600	23,600	21,300	76.0	166.6	19,100	18,800	18,400	15,500	60		
65	71.6	167.8	24,700	23,000	21,400	20,000	74.2	164.8	18,500	18,200	18,000	15,400	65		
70	69.8	165.8	22,300	20,800	19,400	18,200	72.4	162.8	18,000	17,800	17,500	15,400	70		
75	68.0	163.7	20,100	18,900	17,700	16,600	70.6	160.6	17,500	17,300	17,100	15,400	75		
80	66.1	161.4	18,300	17,200	16,200	15,200	68.7	158.2	17,100	16,900	16,700	15,400	80		
85	64.3	158.8	16,700	15,700	14,800	14,000	66.8	155.6	16,700	16,200	15,300	14,400	85		
90	62.4	156.1	15,300	14,500	13,600	12,900	64.8	152.8	15,800	14,900	14,100	13,300	90		
95	60.4	153.1	14,100	13,300	12,600	11,900	62.8	149.8	14,500	13,700	13,000	12,300	95		
100	58.4	149.9	13,000	12,300	11,600	11,000	60.8	146.5	13,300	12,600	12,000	11,300	100		
105	56.4	146.4	12,000	11,400	10,800	10,200	58.7	142.9	12,300	11,700	11,100	10,500	105		
110	54.3	142.7	11,100	10,500	10,000	9,500	56.6	139.1	11,300	10,800	10,300	9,700	110		
115	52.2	138.6	10,300	9,700	9,300	8,800	54.4	134.9	10,500	10,000	9,500	9,000	115		
120	50.0	134.3	9,500	9,000	8,600	8,200	52.1	130.5	9,700	9,300	8,800	8,400	120		
125	47.7	129.6	8,800	8,400	8,000	7,600	49.7	125.6	9,000	8,600	8,200	7,800	125		
130	45.3	124.4	8,200	7,800	7,400	7,100	47.3	120.3	8,300	8,000	7,600	7,300	130		
135	42.8	118.9	7,600	7,300	6,900	6,600	44.7	114.5	7,700	7,400	7,100	6,700	135		
140	40.2	112.8	7,100	6,700	6,400	6,100	41.9	108.1	7,200	6,900	6,600	6,300	140		
145	37.4	106.0	6,500	6,300	6,000	5,700	39.0	101.1	6,600	6,400	6,100	5,800	145		
150	34.4	98.5	6,100	5,800	5,600	5,300	35.8	93.1	6,100	5,900	5,600	5,400	150		
155	31.1	90.1	5,600	5,400	5,200	5,000	32.3	84.1	5,700	5,400	5,200	5,000	155		
160	27.4	80.3	5,200	5,000	4,800	4,600							160		
165	23.2	68.6	4,800	4,600	4,500	4,300							165		

MLC100-1 S-2



	 10°							 30°							
															
	 ft	 °	 ft	 lb	 lb	 lb	 lb	 °	 ft	 lb	 lb	 lb	 lb	 ft	
40	80.8	185.1	27,600												40
42	80.2	184.7	27,600												42
44	79.5	184.3	27,600		26,800										44
46	78.9	183.8	27,600		26,700	23,600									46
48	78.2	183.4	27,600		26,700	23,600		80.8	180.4	20,800					48
50	77.6	182.8	27,600	26,700	23,500	19,400		80.2	179.9	20,600					50
55	75.9	181.5	27,600	26,600	23,500	19,300		78.5	178.5	19,900	19,600	18,000			55
60	74.3	180.0	27,400	25,200	23,300	19,200		76.8	177.0	19,300	19,000	17,900	15,100		60
65	72.6	178.3	24,500	22,700	21,000	19,100		75.1	175.3	18,800	18,500	17,900	15,100		65
70	70.9	176.4	22,000	20,400	19,000	17,700		73.4	173.4	18,300	18,000	17,800	15,100		70
75	69.2	174.4	19,900	18,500	17,300	16,200		71.7	171.3	17,800	17,600	17,300	15,100		75
80	67.5	172.2	18,100	16,900	15,800	14,800		69.9	169.1	17,400	17,100	16,300	15,100		80
85	65.8	169.9	16,500	15,500	14,500	13,600		68.2	166.7	17,000	15,900	15,000	14,100		85
90	64.0	167.3	15,100	14,200	13,300	12,500		66.4	164.1	15,500	14,600	13,700	12,900		90
95	62.2	164.5	13,800	13,000	12,300	11,500		64.5	161.2	14,300	13,400	12,700	11,900		95
100	60.4	161.6	12,700	12,000	11,300	10,700		62.6	158.2	13,100	12,400	11,700	11,000		100
105	58.5	158.4	11,700	11,100	10,500	9,900		60.7	154.9	12,100	11,400	10,800	10,200		105
110	56.6	154.9	10,800	10,200	9,700	9,100		58.8	151.4	11,100	10,500	10,000	9,400		110
115	54.6	151.2	10,000	9,500	9,000	8,500		56.8	147.6	10,300	9,700	9,200	8,700		115
120	52.6	147.3	9,300	8,800	8,300	7,900		54.7	143.6	9,500	9,000	8,600	8,100		120
125	50.5	143.0	8,600	8,100	7,700	7,300		52.6	139.2	8,800	8,400	7,900	7,500		125
130	48.4	138.4	7,900	7,500	7,200	6,800		50.4	134.4	8,100	7,700	7,300	7,000		130
135	46.2	133.4	7,400	7,000	6,600	6,300		48.1	129.3	7,500	7,200	6,800	6,500		135
140	43.9	128.1	6,800	6,500	6,200	5,800		45.7	123.8	7,000	6,600	6,300	6,000		140
145	41.4	122.2	6,300	6,000	5,700	5,400		43.2	117.7	6,400	6,100	5,800	5,500		145
150	38.9	115.9	5,900	5,600	5,300	5,000		40.5	111.1	6,000	5,700	5,400	5,100		150
155	36.2	108.9	5,400	5,200	4,900	4,700		37.6	103.7	5,500	5,200	5,000	4,700		155
160	33.2	101.1	5,000	4,800	4,500	4,300		34.5	95.5	5,100	4,800	4,600	4,400		160
165	30.1	92.3	4,600	4,400	4,200	4,000		31.1	86.0	4,600	4,400	4,200	4,000		165
170	26.5	82.1	4,200	4,100	3,900	3,700									170
175	22.3	70.0	3,700	3,600	3,500	3,400									175

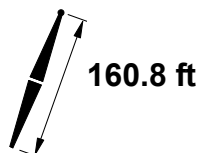
MLC100-1 S-2



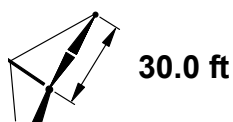
73,000 lb
+
23,100 lb



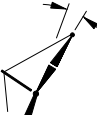
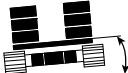
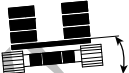
360°



160.8 ft



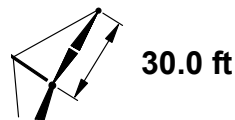
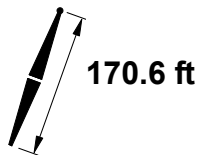
30.0 ft

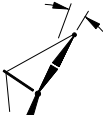
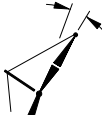
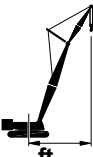
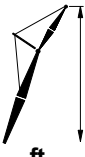
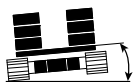
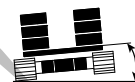
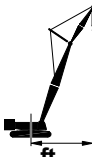
	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				 lb	 lb	 lb	 lb			 lb	 lb	 lb	 lb		
42	80.7	194.8	27,600					80.7	190.0	20,800				42	
44	80.1	194.4	27,600											44	
46	79.5	193.9	27,600	26,500										46	
48	78.8	193.5	27,600	26,400	22,000									48	
50	78.2	193.0	27,600	26,400	22,000									50	
55	76.7	191.7	27,600	26,300	21,800	17,000		79.1	188.7	20,200	19,800			55	
60	75.1	190.3	27,200	24,900	21,700	16,900		77.6	187.3	19,600	19,200	17,600	14,700	60	
65	73.6	188.7	24,200	22,300	20,600	16,900		76.0	185.6	19,100	18,700	17,500	14,700	65	
70	72.0	186.9	21,700	20,100	18,600	16,800		74.3	183.9	18,600	18,300	17,400	14,700	70	
75	70.4	185.0	19,600	18,200	16,900	15,700		72.7	182.0	18,100	17,800	17,400	14,700	75	
80	68.8	183.0	17,800	16,600	15,400	14,400		71.1	179.9	17,700	17,200	16,000	14,600	80	
85	67.1	180.8	16,200	15,100	14,100	13,200		69.4	177.6	16,800	15,700	14,600	13,700	85	
90	65.5	178.4	14,800	13,900	13,000	12,100		67.7	175.1	15,300	14,300	13,400	12,600	90	
95	63.8	175.8	13,600	12,700	11,900	11,200		66.0	172.5	14,000	13,200	12,300	11,600	95	
100	62.1	173.0	12,500	11,700	11,000	10,300		64.3	169.7	12,900	12,100	11,400	10,700	100	
105	60.3	170.0	11,500	10,800	10,100	9,500		62.5	166.6	11,800	11,100	10,500	9,800	105	
110	58.5	166.8	10,600	9,900	9,300	8,800		60.7	163.4	10,900	10,300	9,700	9,100	110	
115	56.7	163.4	9,700	9,200	8,600	8,100		58.8	159.9	10,100	9,500	8,900	8,400	115	
120	54.9	159.8	9,000	8,500	8,000	7,500		56.9	156.2	9,300	8,800	8,300	7,800	120	
125	53.0	155.9	8,300	7,800	7,400	7,000		55.0	152.2	8,600	8,100	7,600	7,200	125	
130	51.0	151.7	7,700	7,300	6,800	6,400		53.0	147.9	7,900	7,500	7,100	6,600	130	
135	49.0	147.2	7,100	6,700	6,300	6,000		50.9	143.3	7,300	6,900	6,500	6,100	135	
140	46.9	142.4	6,600	6,200	5,800	5,500		48.8	138.3	6,700	6,400	6,000	5,700	140	
145	44.8	137.2	6,100	5,700	5,400	5,100		46.5	132.9	6,200	5,900	5,600	5,200	145	
150	42.5	131.6	5,600	5,300	5,000	4,700		44.2	127.1	5,700	5,400	5,100	4,800	150	
155	40.2	125.5	5,100	4,900	4,600	4,300		41.8	120.8	5,300	5,000	4,700	4,400	155	
160	37.7	118.9	4,700	4,500	4,200	4,000		39.2	113.9	4,800	4,600	4,300	4,100	160	
165	35.1	111.6	4,400	4,100	3,900	3,700		36.4	106.2	4,400	4,200	4,000	3,700	165	
170	32.2	103.5	4,000	3,800	3,600	3,400		33.4	97.7	4,000	3,800	3,600	3,400	170	
175	29.1	94.4	3,600	3,400	3,300	3,100								175	
180	25.6	83.8	3,100	2,900	2,800	2,700								180	
185	21.6	71.2	2,500	2,500	2,400	2,300								185	

MLC100-1 S-2

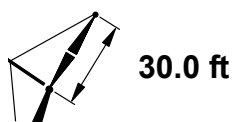
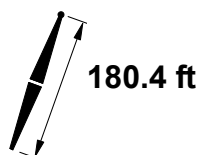
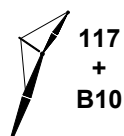


73,000 lb
+
23,100 lb



	 10°							 30°							
															
				0°	1°	2°	3°			0°	1°	2°	3°		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
44	80.6	204.4	27,600										44		
46	80.0	204.0	27,600	26,100									46		
48	79.4	203.6	27,600	26,100									48		
50	78.8	203.1	27,600	26,000	19,600								50		
55	77.4	201.9	27,600	25,900	19,400	15,000	79.7	198.9	20,400	20,000			55		
60	75.9	200.5	26,900	24,500	19,300	14,900	78.2	197.5	19,800	19,500	17,100		60		
65	74.4	199.0	24,000	22,000	19,200	14,800	76.7	196.0	19,300	19,000	17,100	13,100	65		
70	72.9	197.4	21,500	19,800	18,300	14,700	75.2	194.3	18,800	18,500	17,000	13,100	70		
75	71.4	195.6	19,400	17,900	16,600	14,700	73.6	192.5	18,300	18,100	16,900	13,100	75		
80	69.9	193.6	17,600	16,300	15,100	14,000	72.1	190.5	17,900	16,900	15,700	13,000	80		
85	68.3	191.5	16,000	14,900	13,800	12,800	70.5	188.4	16,600	15,400	14,300	12,900	85		
90	66.7	189.3	14,600	13,600	12,700	11,800	68.9	186.1	15,100	14,100	13,100	12,300	90		
95	65.2	186.9	13,400	12,500	11,600	10,800	67.3	183.6	13,800	12,900	12,100	11,300	95		
100	63.6	184.3	12,200	11,400	10,700	10,000	65.7	181.0	12,700	11,900	11,100	10,400	100		
105	61.9	181.5	11,300	10,500	9,800	9,200	64.0	178.1	11,600	10,900	10,200	9,600	105		
110	60.3	178.5	10,400	9,700	9,100	8,500	62.3	175.1	10,700	10,000	9,400	8,800	110		
115	58.6	175.3	9,500	8,900	8,400	7,800	60.6	171.9	9,900	9,300	8,700	8,100	115		
120	56.9	171.9	8,800	8,200	7,700	7,200	58.8	168.4	9,100	8,500	8,000	7,500	120		
125	55.1	168.3	8,100	7,600	7,100	6,700	57.1	164.7	8,400	7,900	7,400	6,900	125		
130	53.3	164.5	7,500	7,000	6,600	6,200	55.2	160.8	7,700	7,300	6,800	6,400	130		
135	51.5	160.4	6,900	6,500	6,100	5,700	53.3	156.5	7,100	6,700	6,300	5,900	135		
140	49.6	156.0	6,400	6,000	5,600	5,200	51.4	152.0	6,600	6,200	5,800	5,400	140		
145	47.6	151.3	5,900	5,500	5,200	4,800	49.4	147.2	6,000	5,700	5,300	5,000	145		
150	45.6	146.2	5,400	5,100	4,700	4,400	47.3	142.0	5,500	5,200	4,900	4,600	150		
155	43.5	140.8	5,000	4,700	4,400	4,100	45.1	136.4	5,100	4,800	4,500	4,200	155		
160	41.3	135.0	4,500	4,300	4,000	3,700	42.9	130.4	4,700	4,400	4,100	3,800	160		
165	39.0	128.7	4,200	3,900	3,700	3,400	40.5	123.8	4,300	4,000	3,700	3,500	165		
170	36.6	121.8	3,800	3,600	3,300	3,100	37.9	116.6	3,900	3,600	3,400	3,200	170		
175	34.0	114.2	3,500	3,200	3,000	2,800	35.2	108.7	3,500	3,300	3,100	2,900	175		
180	31.3	105.8	3,000	2,900	2,700	2,500	32.3	99.8	3,100	2,900	2,800	2,600	180		
185	28.2	96.4	2,500	2,400	2,300	2,200							185		
190	24.8	85.5	2,100	2,000									190		

MLC100-1 S-2

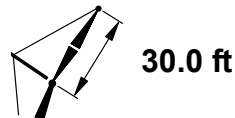
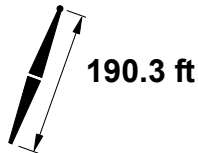


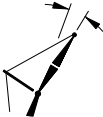
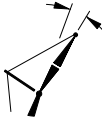
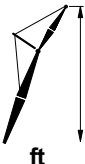
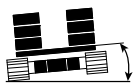
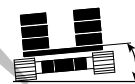
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			0°	1°	2°	3°	0°	1°	2°	3°			
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
46	80.5	214.0	27,600										46
48	79.9	213.6	27,600	23,100									48
50	79.3	213.2	27,600	23,100									50
55	78.0	212.0	27,600	22,900	17,200	13,100	80.2	209.0	20,500				55
60	76.6	210.7	26,700	22,800	17,100	13,100	78.8	207.7	20,000	19,600	15,300		60
65	75.1	209.3	23,700	21,600	17,000	13,000	77.3	206.3	19,500	19,200	15,300	11,600	65
70	73.7	207.7	21,300	19,500	16,900	12,900	75.9	204.7	19,000	18,700	15,300	11,500	70
75	72.3	206.0	19,200	17,600	16,200	12,800	74.4	202.9	18,600	18,300	15,200	11,500	75
80	70.8	204.2	17,300	16,000	14,800	12,800	73.0	201.1	18,000	16,600	15,100	11,400	80
85	69.4	202.2	15,700	14,600	13,500	12,500	71.5	199.1	16,300	15,100	14,000	11,400	85
90	67.9	200.1	14,300	13,300	12,300	11,400	70.0	196.9	14,900	13,800	12,800	11,400	90
95	66.4	197.8	13,100	12,200	11,300	10,500	68.5	194.6	13,600	12,600	11,800	10,900	95
100	64.9	195.4	12,000	11,100	10,400	9,600	66.9	192.1	12,500	11,600	10,800	10,000	100
105	63.4	192.7	11,000	10,200	9,500	8,800	65.4	189.4	11,400	10,600	9,900	9,200	105
110	61.8	189.9	10,100	9,400	8,700	8,100	63.8	186.6	10,500	9,800	9,100	8,500	110
115	60.2	187.0	9,300	8,600	8,100	7,500	62.2	183.5	9,600	9,000	8,400	7,800	115
120	58.6	183.8	8,500	8,000	7,400	6,900	60.5	180.3	8,900	8,300	7,700	7,200	120
125	57.0	180.4	7,800	7,300	6,800	6,300	58.9	176.9	8,100	7,600	7,100	6,600	125
130	55.3	176.9	7,200	6,700	6,300	5,800	57.2	173.2	7,500	7,000	6,500	6,100	130
135	53.6	173.1	6,600	6,200	5,800	5,400	55.4	169.3	6,900	6,400	6,000	5,600	135
140	51.9	169.0	6,100	5,700	5,300	4,900	53.6	165.2	6,300	5,900	5,500	5,100	140
145	50.1	164.7	5,600	5,200	4,900	4,500	51.8	160.8	5,800	5,400	5,000	4,700	145
150	48.2	160.1	5,100	4,800	4,400	4,100	49.9	156.1	5,300	5,000	4,600	4,300	150
155	46.3	155.2	4,700	4,400	4,100	3,800	48.0	151.0	4,900	4,500	4,200	3,900	155
160	44.4	150.0	4,300	4,000	3,700	3,400	45.9	145.6	4,400	4,100	3,800	3,500	160
165	42.3	144.3	3,900	3,600	3,400	3,100	43.8	139.8	4,000	3,700	3,500	3,200	165
170	40.2	138.3	3,500	3,300	3,000	2,800	41.6	133.5	3,600	3,400	3,100	2,900	170
175	38.0	131.7	3,200	3,000	2,700	2,500	39.3	126.7	3,300	3,000	2,800	2,600	175
180	35.6	124.6	2,800	2,600	2,400	2,200	36.8	119.2	2,900	2,700	2,500	2,300	180
185	33.1	116.8	2,300	2,200	2,100		34.2	111.0	2,400	2,300	2,100	2,000	185
190							31.3	101.8	2,000				190

MLC100-1 S-2

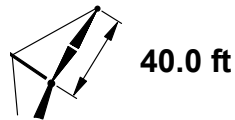
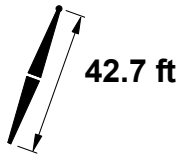
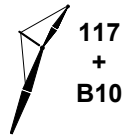


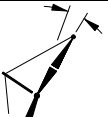
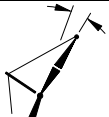
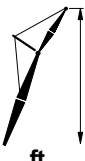
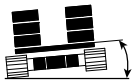
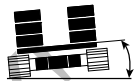
73,000 lb
+
23,100 lb



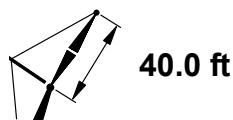
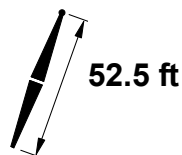
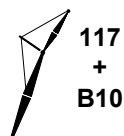
	 10°							 30°							
															
				0° 	1° 	2° 	3° 			0° 	1° 	2° 	3° 		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
46	80.9	224.0	27,600											46	
48	80.4	223.7	27,600											48	
50	79.8	223.2	27,600	20,400										50	
55	78.5	222.1	27,000	20,400	15,200		80.6	219.1	20,700					55	
60	77.2	220.9	26,200	20,300	15,200	11,400	79.3	217.9	20,200	18,300				60	
65	75.8	219.5	23,400	20,100	15,100	11,400	77.9	216.5	19,700	18,200	13,500	10,200		65	
70	74.5	218.1	21,000	19,100	15,100	11,300	76.6	215.0	19,200	18,100	13,500	10,200		70	
75	73.1	216.5	18,900	17,300	15,000	11,300	75.2	213.3	18,800	18,000	13,500	10,100		75	
80	71.7	214.7	17,000	15,600	14,400	11,200	73.8	211.6	17,700	16,300	13,500	10,100		80	
85	70.4	212.8	15,500	14,200	13,100	11,200	72.4	209.7	16,100	14,800	13,500	10,100		85	
90	69.0	210.8	14,100	13,000	11,900	11,000	71.0	207.6	14,600	13,500	12,500	10,100		90	
95	67.5	208.6	12,800	11,800	10,900	10,100	69.5	205.4	13,300	12,300	11,400	10,100		95	
100	66.1	206.3	11,700	10,800	10,000	9,200	68.1	203.1	12,200	11,300	10,500	9,700		100	
105	64.7	203.8	10,700	9,900	9,200	8,500	66.6	200.5	11,200	10,300	9,600	8,900		105	
110	63.2	201.2	9,800	9,100	8,400	7,800	65.1	197.9	10,200	9,500	8,800	8,100		110	
115	61.7	198.4	9,000	8,300	7,700	7,100	63.6	195.0	9,400	8,700	8,100	7,500		115	
120	60.2	195.4	8,200	7,600	7,100	6,500	62.1	192.0	8,600	8,000	7,400	6,900		120	
125	58.7	192.3	7,600	7,000	6,500	6,000	60.5	188.8	7,900	7,300	6,800	6,300		125	
130	57.1	189.0	6,900	6,400	5,900	5,500	58.9	185.4	7,200	6,700	6,200	5,800		130	
135	55.5	185.4	6,300	5,900	5,400	5,000	57.3	181.8	6,600	6,100	5,700	5,300		135	
140	53.9	181.6	5,800	5,400	5,000	4,600	55.6	177.9	6,100	5,600	5,200	4,800		140	
145	52.2	177.6	5,300	4,900	4,500	4,200	53.9	173.8	5,500	5,100	4,700	4,400		145	
150	50.5	173.4	4,800	4,500	4,100	3,800	52.2	169.5	5,000	4,700	4,300	4,000		150	
155	48.8	168.9	4,400	4,100	3,700	3,400	50.4	164.9	4,600	4,200	3,900	3,600		155	
160	47.0	164.1	4,000	3,700	3,400	3,100	48.6	160.0	4,200	3,800	3,500	3,200		160	
165	45.2	159.0	3,600	3,300	3,000	2,800	46.7	154.7	3,800	3,500	3,200	2,900		165	
170	43.2	153.6	3,300	3,000	2,700	2,500	44.7	149.1	3,400	3,100	2,800	2,600		170	
175	41.2	147.7	2,900	2,700	2,400	2,200	42.6	143.1	3,000	2,800	2,500	2,300		175	
180	39.2	141.4	2,500	2,300	2,100		40.5	136.6	2,700	2,400	2,200	2,000		180	
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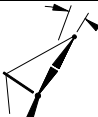
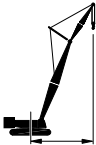
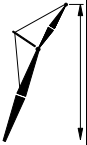
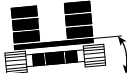
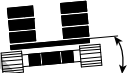
MLC100-1 S-2



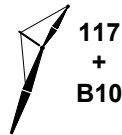
	 10°						 30°								
	 ft	 °	 ft					 °	 ft					 ft	
				0°	1°	2°	3°			0°	1°	2°			3°
				 lb	 lb	 lb	 lb			 lb	 lb	 lb			 lb
28	80.1	87.0	26,400											28	
30	78.6	86.4	26,000	22,900	20,200									30	
32	77.2	85.7	25,700	22,600	20,000	17,800								32	
34	75.7	85.0	25,400	22,400	19,800	17,700								34	
36	74.2	84.2	25,100	22,200	19,600	17,600								36	
38	72.7	83.4	24,800	22,000	19,400	17,400	80.5	80.7	16,700					38	
40	71.2	82.5	24,500	21,800	19,300	17,300	79.0	79.7	16,200	15,900	15,600			40	
42	69.7	81.5	24,200	21,600	19,100	17,100	77.4	78.7	15,700	15,400	15,200	14,900		42	
44	68.2	80.5	24,000	21,300	18,900	17,000	75.8	77.7	15,300	15,000	14,800	14,500		44	
46	66.6	79.4	23,700	21,100	18,800	16,900	74.1	76.5	14,900	14,600	14,400	14,200		46	
48	65.0	78.2	23,500	20,900	18,600	16,800	72.5	75.3	14,500	14,300	14,100	13,900		48	
50	63.4	76.9	23,300	20,800	18,500	16,600	70.8	74.0	14,100	13,900	13,700	13,500		50	
55	59.2	73.4	22,600	20,400	18,200	16,400	66.4	70.3	13,300	13,100	13,000	12,800		55	
60	54.7	69.3	20,900	20,000	17,900	16,200	61.7	66.0	12,600	12,500	12,300	12,200		60	
65	50.0	64.5	19,400	19,200	17,700	16,000	56.6	60.8	12,000	11,900	11,800	11,700		65	
70	44.7	58.8	18,200	18,000	17,600	15,800	51.0	54.7	11,500	11,400	11,300	11,300		70	
75	38.8	51.7	17,100	16,900	16,800	15,800	44.5	46.9	11,100	11,000	11,000	10,900		75	
80	31.7	42.7	16,100	16,000	15,900	15,800			10,700	10,700	10,700	10,700		80	
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MLC100-1 S-2

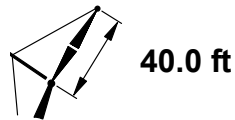
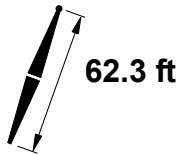


	 10°						 30°							
	 ft	 °	 ft					 °	 ft					
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb		3°  lb
30	79.9	96.6	26,300	23,100									30	
32	78.6	96.0	26,000	22,900	20,100								32	
34	77.3	95.4	25,700	22,600	20,000	17,800							34	
36	76.0	94.7	25,400	22,500	19,800	17,700							36	
38	74.7	94.0	25,100	22,200	19,600	17,600							38	
40	73.4	93.2	24,900	22,000	19,400	17,500	80.3	90.2	16,500				40	
42	72.0	92.3	24,600	21,800	19,300	17,300	78.9	89.3	16,100	15,400	13,800		42	
44	70.7	91.4	24,400	21,600	19,200	17,200	77.5	88.4	15,700	15,100	13,500	12,200	44	
46	69.3	90.5	24,200	21,500	19,000	17,100	76.1	87.4	15,300	14,700	13,200	12,000	46	
48	67.9	89.4	23,300	21,300	18,900	17,000	74.6	86.4	14,900	14,400	13,000	11,800	48	
50	66.5	88.4	22,400	21,100	18,800	16,900	73.2	85.2	14,600	14,100	12,700	11,600	50	
55	62.9	85.4	20,500	19,700	18,400	16,600	69.4	82.1	13,800	13,400	12,200	11,100	55	
60	59.2	81.9	18,900	18,200	17,400	16,400	65.5	78.5	13,100	12,800	11,700	10,700	60	
65	55.3	78.0	17,400	16,900	16,200	15,500	61.4	74.3	12,500	12,200	11,200	10,300	65	
70	51.1	73.4	16,300	15,700	15,200	14,600	57.0	69.5	12,000	11,800	10,800	10,000	70	
75	46.6	68.1	15,200	14,800	14,300	13,900	52.2	63.8	11,600	11,300	10,500	9,700	75	
80	41.7	61.8	14,400	14,000	13,600	13,200	46.9	57.0	11,200	11,000	10,200	9,500	80	
85	36.1	54.1	13,800	13,400	13,000	12,600	40.6	48.5	10,900	10,800	10,100	9,400	85	
90	29.3	44.3	13,200	12,900	12,600	12,300	32.6	36.9	10,700	10,700	10,100	9,400	90	

MLC100-1 S-2

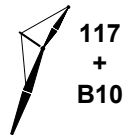


73,000 lb
+
23,100 lb

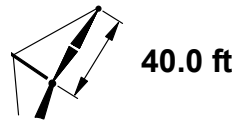
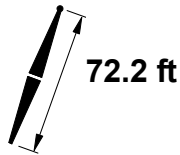


			10°				30°						
			0°	1°	2°	3°			0°	1°	2°	3°	
	ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	ft
30	80.9		106.8	26,500									30
32	79.7		106.3	26,200									32
34	78.6		105.7	25,900									34
36	77.4		105.1	25,700									36
38	76.2		104.4	25,400									38
40	75.0		103.7	25,200									40
42	73.8		102.9	25,000									42
44	72.6		102.1	24,700									44
46	71.4		101.3	24,600									46
48	70.2		100.4	24,300									48
50	69.0		99.4	24,100									50
55	65.8		96.8	23,700									55
60	62.6		93.8	23,300									60
65	59.2		90.4	22,500									65
70	55.7		86.5	21,100									70
75	52.0		82.2	19,900									75
80	48.1		77.2	18,900									80
85	43.8		71.4	17,900									85
90	39.1		64.6	17,100									90
95	33.8		56.4	16,200									95
100	27.3		45.9	15,000									100

MLC100-1 S-2

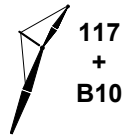


73,000 lb
+
23,100 lb

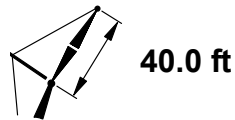
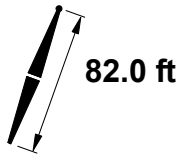


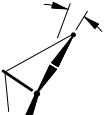
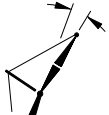
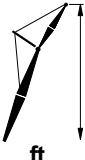
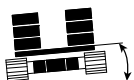
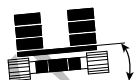
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
32	80.6	116.4	26,300											32
34	79.6	115.9	26,100		22,900									34
36	78.5	115.3	25,900		22,800	20,000								36
38	77.5	114.7	25,600		22,600	19,800	17,700							38
40	76.4	114.1	25,400		22,400	19,700	17,600							40
42	75.3	113.4	25,300	22,200	19,600	17,500		81.0	110.1	16,700				42
44	74.2	112.7	25,000	22,100	19,500	17,400		79.9	109.4	16,400	16,100			44
46	73.2	111.9	24,800	21,900	19,400	17,300		78.8	108.6	16,000	15,700	15,400		46
48	72.1	111.1	24,700	21,800	19,300	17,300		77.6	107.7	15,700	15,400	15,200	13,200	48
50	71.0	110.2	24,500	21,700	19,100	17,200		76.5	106.9	15,400	15,100	14,900	13,200	50
55	68.2	107.9	24,100	21,300	18,900	17,000		73.6	104.4	14,700	14,400	14,200	13,200	55
60	65.3	105.2	23,600	21,000	18,600	16,700		70.6	101.7	14,000	13,800	13,600	13,200	60
65	62.3	102.2	23,300	20,700	18,400	16,600		67.5	98.6	13,400	13,300	13,100	12,900	65
70	59.3	98.9	22,500	20,500	18,200	16,400		64.4	95.1	12,900	12,800	12,600	12,500	70
75	56.1	95.1	21,200	20,300	18,000	16,300		61.0	91.1	12,500	12,300	12,200	12,100	75
80	52.8	90.9	20,100	19,500	18,000	16,200		57.5	86.7	12,000	11,900	11,800	11,700	80
85	49.2	86.1	18,700	18,000	17,400	16,100		53.8	81.7	11,700	11,600	11,500	11,400	85
90	45.5	80.7	17,200	16,700	16,200	15,700		49.8	75.9	11,400	11,300	11,200	11,200	90
95	41.4	74.5	16,000	15,500	15,100	14,600		45.5	69.2	11,100	11,000	11,000	10,900	95
100	37.0	67.2	14,900	14,500	14,100	13,700		40.6	61.2	10,900	10,800	10,800	10,800	100
105	31.8	58.4	13,800	13,500	13,200	12,800		34.8	51.3	10,700	10,700	10,700	10,700	105
110	25.6	47.2	12,900	12,600	12,300	12,100								110

MLC100-1 S-2

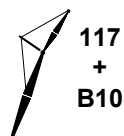


73,000 lb
+
23,100 lb

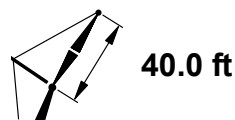
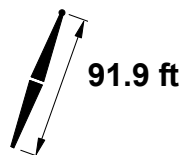


	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
34	80.4	126.0	26,200											34	
36	79.5	125.5	26,100	22,800										36	
38	78.5	124.9	25,800	22,700	19,900									38	
40	77.5	124.4	25,600	22,500	19,800	17,700								40	
42	76.6	123.7	25,500	22,400	19,700	17,500								42	
44	75.6	123.1	25,300	22,300	19,500	17,500	80.8	119.7	16,600					44	
46	74.6	122.4	25,100	22,100	19,400	17,400	79.8	119.0	16,300	16,000				46	
48	73.6	121.6	24,900	22,000	19,300	17,300	78.7	118.2	16,000	15,700	15,400			48	
50	72.6	120.9	24,700	21,800	19,200	17,300	77.7	117.4	15,700	15,400	15,200	12,800		50	
55	70.0	118.7	24,400	21,600	19,000	17,100	75.1	115.2	15,000	14,800	14,500	12,800		55	
60	67.5	116.4	24,000	21,300	18,800	16,900	72.4	112.7	14,400	14,200	14,000	12,800		60	
65	64.8	113.7	23,600	21,000	18,600	16,700	69.7	110.0	13,800	13,600	13,400	12,800		65	
70	62.1	110.7	23,300	20,800	18,400	16,500	66.8	106.9	13,300	13,100	13,000	12,800		70	
75	59.3	107.4	21,800	20,600	18,300	16,400	63.9	103.4	12,800	12,700	12,600	12,400		75	
80	56.4	103.7	20,000	19,200	18,100	16,400	60.9	99.6	12,400	12,300	12,200	12,100		80	
85	53.3	99.6	18,400	17,700	17,000	16,200	57.7	95.3	12,100	11,900	11,800	11,700		85	
90	50.2	95.0	17,000	16,400	15,800	15,200	54.4	90.4	11,700	11,600	11,500	11,500		90	
95	46.8	89.8	15,700	15,200	14,700	14,200	50.8	85.0	11,400	11,300	11,300	11,200		95	
100	43.2	84.0	14,600	14,100	13,700	13,300	47.0	78.8	11,200	11,100	11,000	11,000		100	
105	39.4	77.4	13,600	13,200	12,800	12,400	42.8	71.6	10,900	10,900	10,900	10,800		105	
110	35.1	69.7	12,700	12,300	12,000	11,700	38.1	63.1	10,800	10,700	10,700	10,700		110	
115	30.1	60.4	11,800	11,500	11,200	10,900	32.5	52.5	10,700	10,700	10,700	10,700		115	
120	24.1	48.5	11,100	10,800	10,600	10,300								120	

MLC100-1 S-2

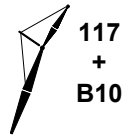


73,000 lb
+
23,100 lb

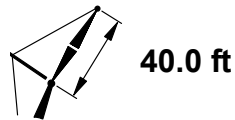
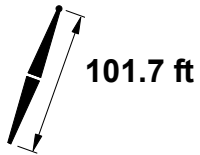


	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
36	80.3	135.6	26,200											36
38	79.4	135.1	25,900		22,700									38
40	78.5	134.6	25,800		22,600	19,800								40
42	77.6	134.0	25,600		22,500	19,700	17,500							42
44	76.7	133.4	25,400		22,300	19,600	17,500							44
46	75.8	132.8	25,300	22,200	19,500	17,400		80.6	129.3	16,500				46
48	74.9	132.1	25,100	22,100	19,400	17,300		79.6	128.6	16,200	15,900			48
50	73.9	131.4	25,000	22,000	19,300	17,300		78.7	127.8	16,000	15,700	15,200		50
55	71.6	129.4	24,600	21,700	19,100	17,100		76.3	125.8	15,300	15,000	14,800	12,500	55
60	69.3	127.3	24,300	21,400	18,900	17,000		73.9	123.6	14,700	14,500	14,200	12,500	60
65	66.9	124.8	23,900	21,200	18,700	16,800		71.4	121.1	14,100	13,900	13,800	12,500	65
70	64.4	122.1	23,700	21,000	18,500	16,700		68.8	118.3	13,700	13,500	13,300	12,500	70
75	61.9	119.1	21,700	20,700	18,400	16,500		66.2	115.2	13,200	13,000	12,900	12,500	75
80	59.3	115.8	19,800	19,000	18,100	16,400		63.5	111.8	12,800	12,600	12,500	12,400	80
85	56.6	112.2	18,200	17,500	16,800	16,100		60.8	108.0	12,400	12,300	12,200	12,100	85
90	53.8	108.2	16,800	16,200	15,500	14,900		57.9	103.8	12,100	12,000	11,900	11,800	90
95	51.0	103.8	15,600	15,000	14,400	13,900		54.8	99.2	11,800	11,700	11,600	11,500	95
100	47.9	98.8	14,500	13,900	13,400	13,000		51.6	94.0	11,500	11,400	11,300	11,300	100
105	44.7	93.4	13,400	13,000	12,600	12,100		48.2	88.2	11,200	11,200	11,100	11,100	105
110	41.3	87.2	12,500	12,100	11,700	11,400		44.6	81.6	11,000	11,000	10,900	10,900	110
115	37.5	80.1	11,700	11,300	11,000	10,700		40.5	73.9	10,800	10,800	10,800	10,800	115
120	33.4	72.0	10,900	10,600	10,300	10,000		35.9	64.9	10,700	10,700	10,400	10,100	120
125	28.6	62.2	10,200	10,000	9,700	9,400								125
130	22.8	49.6	9,600	9,300	9,100	8,900								130

MLC100-1 S-2

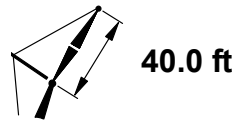
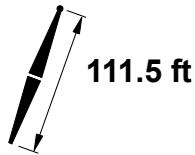


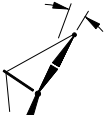
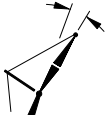
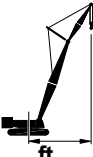
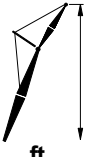
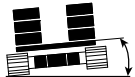
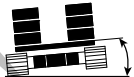
73,000 lb
+
23,100 lb



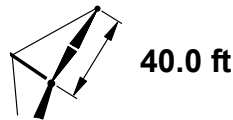
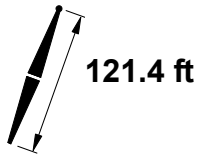
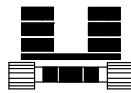
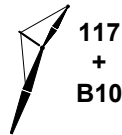
		10°						30°					
		0°	1°	2°	3°			0°	1°	2°	3°		
ft	°	lb	lb	lb	lb	ft	°	lb	lb	lb	lb	ft	°
36	81.0	145.7	26,100									36	
38	80.1	145.2	26,000									38	
40	79.3	144.7	25,800	22,600								40	
42	78.5	144.2	25,700	22,500	19,700							42	
44	77.6	143.7	25,500	22,400	19,600	17,500						44	
46	76.8	143.1	25,400	22,200	19,500	17,400						46	
48	76.0	142.4	25,200	22,200	19,400	17,300	80.4	138.8	16,500			48	
50	75.1	141.8	25,100	22,100	19,300	17,300	79.5	138.2	16,200	15,900		50	
55	73.0	140.0	24,800	21,800	19,200	17,100	77.3	136.3	15,600	15,300	14,700	55	
60	70.8	138.0	24,500	21,600	19,000	17,000	75.1	134.3	15,000	14,700	14,500	60	
65	68.6	135.8	24,200	21,400	18,800	16,800	72.8	132.0	14,500	14,200	14,000	65	
70	66.3	133.3	23,500	21,200	18,700	16,700	70.5	129.4	14,000	13,800	13,600	70	
75	64.1	130.6	21,400	20,300	18,600	16,600	68.2	126.6	13,500	13,300	13,200	75	
80	61.7	127.6	19,600	18,600	17,800	16,500	65.7	123.5	13,100	13,000	12,800	80	
85	59.3	124.3	18,000	17,200	16,400	15,700	63.2	120.2	12,700	12,600	12,500	85	
90	56.8	120.7	16,600	15,900	15,200	14,500	60.7	116.4	12,400	12,300	12,100	90	
95	54.3	116.8	15,300	14,700	14,100	13,500	58.0	112.3	12,100	12,000	11,900	95	
100	51.6	112.5	14,200	13,600	13,100	12,600	55.2	107.8	11,800	11,700	11,600	100	
105	48.8	107.8	13,200	12,700	12,200	11,700	52.3	102.9	11,500	11,400	11,400	105	
110	45.9	102.5	12,300	11,800	11,400	11,000	49.2	97.3	11,300	11,200	11,200	110	
115	42.8	96.7	11,400	11,000	10,700	10,300	46.0	91.2	11,100	11,000	10,900	115	
120	39.5	90.2	10,700	10,300	10,000	9,700	42.4	84.2	10,800	10,500	10,200	120	
125	35.9	82.8	10,000	9,700	9,400	9,100	38.5	76.1	10,100	9,800	9,500	125	
130	31.9	74.2	9,300	9,100	8,800	8,500	34.1	66.6	9,400	9,100	8,900	130	
135	27.3	63.9	8,700	8,500	8,300	8,000						135	
140	21.6	50.7	8,200	8,000	7,800	7,600						140	

MLC100-1 S-2



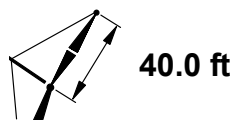
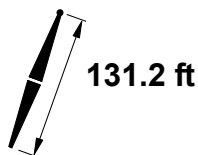
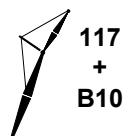
	 10°							 30°							
															
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ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
38	80.8	155.3	26,000										38		
40	80.0	154.9	25,900										40		
42	79.2	154.4	25,700	22,400									42		
44	78.5	153.8	25,600	22,400	19,500								44		
46	77.7	153.3	25,500	22,200	19,500	17,300							46		
48	76.9	152.7	25,300	22,200	19,400	17,300							48		
50	76.1	152.1	25,200	22,000	19,400	17,200	80.3	148.4	16,400				50		
55	74.1	150.4	24,900	21,900	19,200	17,100	78.2	146.7	15,800	15,500	14,400		55		
60	72.1	148.6	24,600	21,600	19,000	17,000	76.2	144.8	15,200	15,000	14,400	12,000	60		
65	70.1	146.5	24,400	21,500	18,900	16,900	74.1	142.7	14,700	14,500	14,300	12,000	65		
70	68.0	144.3	23,300	21,200	18,700	16,800	71.9	140.4	14,300	14,000	13,800	12,000	70		
75	65.9	141.8	21,200	20,000	18,600	16,700	69.8	137.8	13,800	13,600	13,400	12,000	75		
80	63.8	139.0	19,400	18,400	17,400	16,500	67.6	135.0	13,400	13,200	13,100	12,000	80		
85	61.6	136.1	17,800	16,900	16,100	15,300	65.3	131.9	13,000	12,900	12,700	12,000	85		
90	59.3	132.8	16,300	15,600	14,800	14,200	63.0	128.5	12,700	12,600	12,400	12,000	90		
95	57.0	129.3	15,100	14,400	13,800	13,100	60.6	124.9	12,400	12,200	12,100	12,000	95		
100	54.6	125.4	14,000	13,400	12,800	12,200	58.1	120.9	12,100	12,000	11,900	11,800	100		
105	52.2	121.2	13,000	12,400	11,900	11,400	55.5	116.5	11,800	11,700	11,600	11,500	105		
110	49.6	116.6	12,100	11,600	11,100	10,700	52.9	111.7	11,600	11,500	11,400	10,900	110		
115	46.9	111.6	11,200	10,800	10,400	10,000	50.1	106.4	11,300	11,000	10,600	10,200	115		
120	44.1	106.0	10,500	10,100	9,700	9,300	47.1	100.6	10,700	10,300	9,900	9,500	120		
125	41.1	99.9	9,800	9,400	9,100	8,700	43.9	94.0	9,900	9,600	9,300	8,900	125		
130	37.9	93.0	9,100	8,800	8,500	8,200	40.5	86.7	9,300	9,000	8,600	8,400	130		
135	34.5	85.3	8,500	8,300	8,000	7,700	36.7	78.2	8,600	8,400	8,100	7,800	135		
140	30.6	76.3	8,000	7,700	7,500	7,200	32.4	68.2	8,000	7,800	7,600	7,300	140		
145	26.1	65.5	7,500	7,200	7,000	6,800							145		
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MLC100-1 S-2



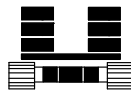
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ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
40	80.6	164.9	25,900										40
42	79.9	164.5	25,700	22,400									42
44	79.2	164.0	25,600	22,300									44
46	78.5	163.5	25,500	22,200	19,400								46
48	77.7	162.9	25,400	22,200	19,300	17,200							48
50	77.0	162.4	25,300	22,100	19,200	17,200	80.9	158.6	16,600				50
55	75.1	160.8	25,000	21,800	19,100	17,000	79.0	157.0	16,000	15,700	14,100		55
60	73.3	159.1	24,800	21,600	19,000	16,900	77.1	155.3	15,500	15,200	14,100	11,700	60
65	71.4	157.2	24,500	21,500	18,900	16,800	75.1	153.3	15,000	14,700	14,100	11,700	65
70	69.4	155.1	23,100	21,300	18,700	16,700	73.2	151.1	14,500	14,300	14,000	11,700	70
75	67.5	152.8	20,900	19,700	18,600	16,700	71.2	148.8	14,100	13,900	13,700	11,700	75
80	65.5	150.2	19,100	18,000	17,000	16,100	69.1	146.2	13,700	13,500	13,300	11,700	80
85	63.5	147.5	17,500	16,600	15,700	14,900	67.0	143.4	13,300	13,100	13,000	11,700	85
90	61.4	144.5	16,100	15,300	14,500	13,800	64.9	140.3	13,000	12,800	12,700	11,700	90
95	59.3	141.3	14,800	14,100	13,400	12,800	62.7	136.9	12,700	12,500	12,400	11,700	95
100	57.2	137.8	13,700	13,100	12,400	11,900	60.5	133.3	12,400	12,200	12,100	11,700	100
105	54.9	134.0	12,700	12,100	11,600	11,000	58.2	129.4	12,100	12,000	11,900	11,400	105
110	52.7	129.9	11,800	11,300	10,800	10,300	55.8	125.1	11,800	11,600	11,100	10,600	110
115	50.3	125.4	11,000	10,500	10,000	9,600	53.3	120.5	11,300	10,800	10,300	9,900	115
120	47.8	120.5	10,200	9,800	9,400	9,000	50.8	115.4	10,500	10,000	9,600	9,200	120
125	45.2	115.2	9,500	9,100	8,800	8,400	48.1	109.8	9,700	9,300	9,000	8,600	125
130	42.5	109.4	8,900	8,500	8,200	7,900	45.2	103.6	9,100	8,700	8,400	8,000	130
135	39.6	103.0	8,300	8,000	7,700	7,400	42.1	96.8	8,400	8,100	7,800	7,500	135
140	36.5	95.8	7,700	7,400	7,200	6,900	38.8	89.1	7,800	7,600	7,300	7,000	140
145	33.1	87.6	7,200	7,000	6,700	6,500	35.1	80.2	7,300	7,000	6,800	6,600	145
150	29.4	78.2	6,700	6,500	6,300	6,100							150
155	25.0	67.0	6,300	6,100	5,900	5,700							155

MLC100-1 S-2

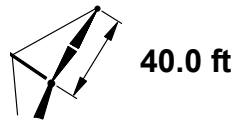
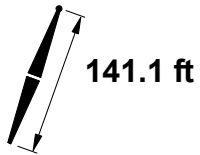


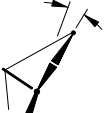
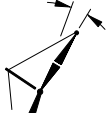
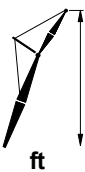
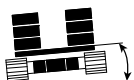
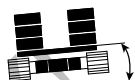
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
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44	79.8	174.1	25,600		22,200									44
46	79.1	173.6	25,400		22,100									46
48	78.4	173.1	25,400		22,100	19,300								48
50	77.8	172.6	25,200		22,000	19,200	17,100							50
55	76.0	171.1	25,000	21,800	19,100	16,900		79.7	167.3	16,200	15,900			55
60	74.3	169.5	24,800	21,600	18,900	16,900		77.9	165.7	15,700	15,400	13,800	11,500	60
65	72.5	167.7	24,500	21,500	18,800	16,800		76.1	163.8	15,200	15,000	13,800	11,500	65
70	70.7	165.8	22,800	21,300	18,700	16,700		74.2	161.8	14,800	14,500	13,700	11,500	70
75	68.9	163.6	20,700	19,400	18,300	16,600		72.4	159.6	14,300	14,100	13,700	11,500	75
80	67.0	161.3	18,900	17,800	16,700	15,800		70.5	157.2	13,900	13,700	13,600	11,500	80
85	65.2	158.7	17,300	16,300	15,400	14,500		68.5	154.6	13,600	13,400	13,200	11,500	85
90	63.3	156.0	15,900	15,000	14,200	13,400		66.6	151.7	13,200	13,100	12,900	11,500	90
95	61.3	153.0	14,600	13,900	13,100	12,400		64.6	148.7	12,900	12,800	12,600	11,500	95
100	59.3	149.8	13,500	12,800	12,200	11,500		62.5	145.4	12,600	12,500	12,400	11,500	100
105	57.3	146.3	12,500	11,900	11,300	10,700		60.4	141.8	12,300	12,200	11,700	11,100	105
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125	48.6	129.4	9,300	8,900	8,500	8,100		51.4	124.3	9,600	9,200	8,800	8,400	125
130	46.2	124.3	8,700	8,300	7,900	7,600		48.9	118.9	8,900	8,500	8,200	7,800	130
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140	41.0	112.6	7,600	7,200	6,900	6,600		43.5	106.6	7,700	7,400	7,100	6,800	140
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150	35.2	98.4	6,600	6,300	6,100	5,800		37.2	91.3	6,700	6,400	6,200	5,900	150
155	32.0	89.9	6,100	5,900	5,700	5,400		33.6	82.1	6,200	6,000	5,700	5,500	155
160	28.3	80.1	5,700	5,500	5,300	5,100								160
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MLC100-1 S-2

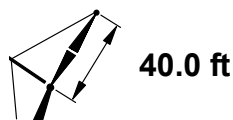
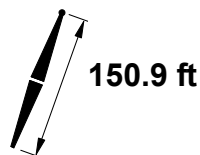
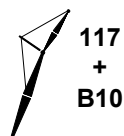


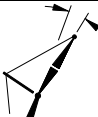
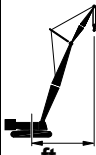
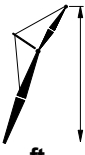
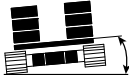
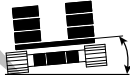
73,000 lb
+
23,100 lb



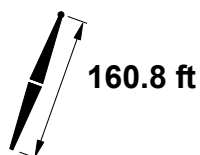
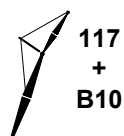
	 10°						 30°								
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb			3°  lb
44	80.4	184.2	25,500										44		
46	79.7	183.7	25,400	22,000									46		
48	79.1	183.3	25,300	21,900									48		
50	78.4	182.8	25,200	21,900	19,000								50		
55	76.8	181.4	25,000	21,700	19,000	16,800	80.3	177.5	16,400				55		
60	75.1	179.9	24,800	21,600	18,900	16,800	78.6	176.0	15,900	15,600	13,600		60		
65	73.5	178.2	24,600	21,400	18,800	16,700	76.9	174.2	15,400	15,200	13,500	11,300	65		
70	71.8	176.3	22,600	21,000	18,600	16,600	75.1	172.4	15,000	14,700	13,500	11,300	70		
75	70.1	174.3	20,500	19,100	17,900	16,500	73.4	170.3	14,600	14,300	13,400	11,300	75		
80	68.4	172.1	18,600	17,500	16,400	15,400	71.6	168.0	14,200	14,000	13,400	11,300	80		
85	66.6	169.8	17,000	16,000	15,000	14,100	69.8	165.6	13,800	13,600	13,400	11,300	85		
90	64.9	167.2	15,600	14,700	13,800	13,000	68.0	163.0	13,500	13,300	13,100	11,300	90		
95	63.1	164.4	14,400	13,600	12,800	12,100	66.2	160.1	13,200	13,000	12,900	11,300	95		
100	61.2	161.4	13,300	12,500	11,800	11,200	64.3	157.1	12,900	12,700	12,300	11,300	100		
105	59.3	158.2	12,300	11,600	11,000	10,400	62.4	153.8	12,600	12,000	11,400	10,800	105		
110	57.4	154.8	11,300	10,700	10,200	9,600	60.4	150.2	11,700	11,100	10,600	10,000	110		
115	55.5	151.1	10,500	10,000	9,500	9,000	58.4	146.4	10,900	10,300	9,800	9,300	115		
120	53.5	147.1	9,800	9,300	8,800	8,400	56.3	142.3	10,100	9,600	9,100	8,700	120		
125	51.4	142.9	9,100	8,600	8,200	7,800	54.1	137.9	9,400	8,900	8,500	8,100	125		
130	49.2	138.3	8,400	8,000	7,600	7,300	51.9	133.1	8,700	8,300	7,900	7,500	130		
135	47.0	133.3	7,800	7,500	7,100	6,800	49.6	127.9	8,100	7,700	7,300	7,000	135		
140	44.7	127.9	7,300	7,000	6,600	6,300	47.2	122.3	7,500	7,200	6,800	6,500	140		
145	42.3	122.1	6,800	6,500	6,200	5,900	44.6	116.2	7,000	6,600	6,300	6,100	145		
150	39.7	115.7	6,300	6,000	5,800	5,500	41.9	109.4	6,500	6,200	5,900	5,600	150		
155	37.0	108.7	5,900	5,600	5,400	5,100	39.0	101.9	6,000	5,700	5,500	5,200	155		
160	34.1	100.9	5,500	5,200	5,000	4,800	35.8	93.5	5,500	5,300	5,100	4,800	160		
165	30.9	92.1	5,100	4,800	4,600	4,400	32.3	83.9	5,100	4,900	4,700	4,500	165		
170	27.3	81.9	4,700	4,500	4,300	4,100							170		
175	23.1	69.7	4,300	4,200	4,000	3,800							175		

MLC100-1 S-2



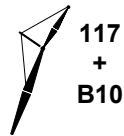
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	 ft	 °	 ft					 °	 ft					 ft	
				 0° lb	 1° lb	 2° lb	 3° lb			 0° lb	 1° lb	 2° lb	 3° lb		
44	80.9	194.3	25,300											44	
46	80.3	193.8	25,200											46	
48	79.7	193.4	25,200		21,800									48	
50	79.0	192.9	25,100		21,700									50	
55	77.5	191.6	24,900		21,600	18,800	15,900	80.8	187.7	16,600				55	
60	75.9	190.2	24,700	21,400	18,700	15,900	79.2	186.2	16,100	15,800				60	
65	74.4	188.6	24,500	21,300	18,600	15,800	77.6	184.6	15,600	15,300	13,300	11,100		65	
70	72.8	186.8	22,400	20,700	18,500	15,800	76.0	182.8	15,200	14,900	13,200	11,100		70	
75	71.2	184.9	20,200	18,800	17,500	15,800	74.3	180.9	14,800	14,500	13,200	11,100		75	
80	69.6	182.9	18,400	17,200	16,000	15,000	72.7	178.8	14,400	14,200	13,200	11,100		80	
85	67.9	180.7	16,800	15,700	14,700	13,800	71.0	176.5	14,000	13,800	13,100	11,100		85	
90	66.3	178.3	15,400	14,400	13,500	12,700	69.3	174.0	13,700	13,500	13,100	11,100		90	
95	64.6	175.7	14,100	13,300	12,500	11,700	67.6	171.4	13,400	13,200	13,000	11,100		95	
100	62.9	172.9	13,000	12,200	11,500	10,800	65.8	168.5	13,100	12,800	12,000	11,100		100	
105	61.1	169.9	12,000	11,300	10,700	10,000	64.0	165.5	12,500	11,800	11,100	10,500		105	
110	59.4	166.7	11,100	10,500	9,900	9,300	62.2	162.2	11,500	10,900	10,300	9,700		110	
115	57.5	163.3	10,300	9,700	9,200	8,600	60.3	158.7	10,700	10,100	9,500	9,000		115	
120	55.7	159.7	9,500	9,000	8,500	8,000	58.4	154.9	9,900	9,400	8,900	8,400		120	
125	53.8	155.8	8,800	8,400	7,900	7,500	56.5	150.9	9,200	8,700	8,200	7,800		125	
130	51.8	151.6	8,200	7,800	7,300	6,900	54.4	146.6	8,500	8,100	7,600	7,200		130	
135	49.8	147.1	7,600	7,200	6,800	6,500	52.4	141.9	7,900	7,500	7,100	6,700		135	
140	47.7	142.2	7,100	6,700	6,300	6,000	50.2	136.9	7,300	6,900	6,600	6,200		140	
145	45.6	137.1	6,600	6,200	5,900	5,600	47.9	131.5	6,800	6,400	6,100	5,800		145	
150	43.3	131.4	6,100	5,800	5,500	5,200	45.6	125.6	6,300	6,000	5,700	5,400		150	
155	41.0	125.4	5,600	5,400	5,100	4,800	43.1	119.2	5,800	5,500	5,200	5,000		155	
160	38.5	118.7	5,200	5,000	4,700	4,500	40.5	112.1	5,400	5,100	4,800	4,600		160	
165	35.8	111.4	4,800	4,600	4,400	4,100	37.6	104.4	4,900	4,700	4,500	4,200		165	
170	33.0	103.3	4,500	4,300	4,000	3,800	34.6	95.6	4,500	4,300	4,100	3,900		170	
175	29.9	94.2	4,100	3,900	3,700	3,500	31.1	85.6	4,200	4,000	3,800	3,600		175	
180	26.4	83.6	3,700	3,600	3,400	3,300								180	
185	22.3	71.0	3,200	3,100	3,000	2,900								185	

MLC100-1 S-2

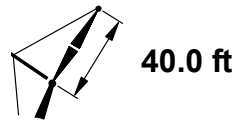
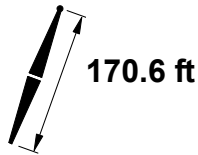


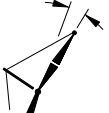
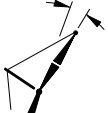
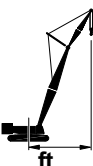
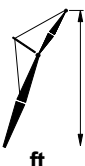
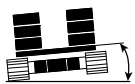
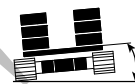
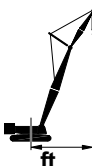
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			0°	1°	2°	3°	0°	1°	2°	3°			
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
46	80.8	203.9	25,000										46
48	80.2	203.4	25,000										48
50	79.6	203.0	24,900	21,500									50
55	78.1	201.8	24,700	21,400	18,300								55
60	76.6	200.4	24,600	21,200	18,200	14,100	79.8	196.4	16,200	15,900			60
65	75.2	198.9	24,400	21,100	18,200	14,100	78.2	194.9	15,800	15,500	13,000		65
70	73.7	197.3	22,100	20,400	18,200	14,000	76.7	193.2	15,400	15,100	12,900	10,900	70
75	72.2	195.5	20,000	18,500	17,100	14,000	75.2	191.4	15,000	14,700	12,900	10,900	75
80	70.6	193.5	18,100	16,800	15,700	13,900	73.6	189.4	14,600	14,400	12,900	10,900	80
85	69.1	191.4	16,500	15,400	14,300	13,400	72.0	187.3	14,200	14,000	12,900	10,900	85
90	67.5	189.2	15,100	14,100	13,200	12,300	70.4	185.0	13,900	13,700	12,900	10,900	90
95	65.9	186.7	13,900	13,000	12,100	11,300	68.8	182.5	13,600	13,400	12,700	10,900	95
100	64.3	184.1	12,800	11,900	11,200	10,500	67.2	179.8	13,300	12,500	11,700	10,900	100
105	62.7	181.4	11,800	11,000	10,300	9,700	65.5	177.0	12,300	11,500	10,800	10,200	105
110	61.0	178.4	10,800	10,200	9,600	9,000	63.8	173.9	11,300	10,600	10,000	9,400	110
115	59.4	175.2	10,000	9,400	8,800	8,300	62.1	170.6	10,500	9,800	9,300	8,700	115
120	57.6	171.8	9,300	8,700	8,200	7,700	60.3	167.2	9,700	9,100	8,600	8,100	120
125	55.9	168.2	8,600	8,100	7,600	7,100	58.5	163.4	8,900	8,400	7,900	7,500	125
130	54.1	164.3	7,900	7,500	7,000	6,600	56.6	159.5	8,300	7,800	7,400	6,900	130
135	52.2	160.2	7,300	6,900	6,500	6,100	54.7	155.2	7,600	7,200	6,800	6,400	135
140	50.3	155.8	6,800	6,400	6,000	5,700	52.8	150.6	7,100	6,700	6,300	5,900	140
145	48.4	151.1	6,300	5,900	5,600	5,300	50.7	145.8	6,500	6,200	5,800	5,500	145
150	46.4	146.1	5,800	5,500	5,200	4,900	48.6	140.5	6,000	5,700	5,400	5,100	150
155	44.3	140.7	5,400	5,100	4,800	4,500	46.4	134.9	5,600	5,300	5,000	4,700	155
160	42.1	134.8	5,000	4,700	4,400	4,200	44.1	128.7	5,100	4,900	4,600	4,300	160
165	39.8	128.5	4,600	4,300	4,100	3,800	41.7	122.1	4,700	4,500	4,200	4,000	165
170	37.4	121.6	4,200	4,000	3,700	3,500	39.2	114.8	4,300	4,100	3,900	3,600	170
175	34.8	114.0	3,900	3,600	3,400	3,200	36.4	106.7	4,000	3,700	3,500	3,300	175
180	32.0	105.6	3,500	3,300	3,100	2,900	33.4	97.6	3,600	3,400	3,200	3,000	180
185	28.9	96.2	3,100	3,000	2,800	2,700							185
190	25.5	85.2	2,600	2,500	2,400	2,300							190
195	21.5	72.1	2,100	2,000	2,000								195

MLC100-1 S-2

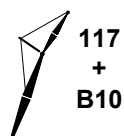


73,000 lb
+
23,100 lb

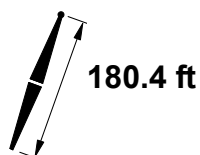


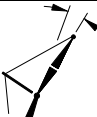
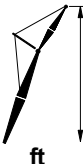
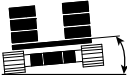
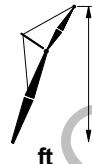
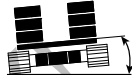
	 10°							 30°							
															
				0° 	1° 	2° 	3° 			0° 	1° 	2° 	3° 		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
48	80.6	213.5	24,700										48		
50	80.1	213.1	24,700										50		
55	78.7	211.9	24,500		21,100	16,500							55		
60	77.3	210.6	24,400		21,000	16,400	12,600	80.3	206.6	16,400			60		
65	75.9	209.2	24,200		20,900	16,300	12,500	78.8	205.2	16,000	15,500	12,700	65		
70	74.5	207.6	21,900	20,100	16,300	12,500	77.4	203.6	15,500	15,300	12,600		70		
75	73.0	205.9	19,800	18,200	16,200	12,400	75.9	201.8	15,200	14,900	12,600	10,400	75		
80	71.6	204.1	17,900	16,600	15,300	12,400	74.4	200.0	14,800	14,600	12,600	10,400	80		
85	70.1	202.1	16,300	15,100	14,000	12,400	72.9	197.9	14,400	14,200	12,600	10,400	85		
90	68.6	200.0	14,900	13,800	12,900	12,000	71.4	195.8	14,100	13,900	12,600	10,400	90		
95	67.1	197.7	13,700	12,700	11,800	11,000	69.9	193.4	13,800	13,300	12,400	10,400	95		
100	65.6	195.2	12,500	11,700	10,900	10,200	68.4	190.9	13,100	12,300	11,500	10,400	100		
105	64.1	192.6	11,500	10,800	10,100	9,400	66.8	188.2	12,100	11,300	10,600	9,900	105		
110	62.5	189.8	10,600	9,900	9,300	8,700	65.2	185.4	11,100	10,400	9,800	9,100	110		
115	61.0	186.9	9,800	9,200	8,600	8,000	63.6	182.3	10,300	9,600	9,000	8,400	115		
120	59.4	183.7	9,000	8,500	7,900	7,400	61.9	179.1	9,500	8,900	8,300	7,800	120		
125	57.7	180.3	8,400	7,800	7,300	6,900	60.2	175.6	8,800	8,200	7,700	7,200	125		
130	56.1	176.7	7,700	7,200	6,800	6,300	58.5	171.9	8,100	7,600	7,100	6,700	130		
135	54.4	172.9	7,100	6,700	6,300	5,900	56.8	168.0	7,500	7,000	6,600	6,200	135		
140	52.6	168.9	6,600	6,200	5,800	5,400	55.0	163.8	6,900	6,500	6,100	5,700	140		
145	50.8	164.6	6,100	5,700	5,300	5,000	53.1	159.4	6,400	6,000	5,600	5,300	145		
150	49.0	160.0	5,600	5,300	4,900	4,600	51.2	154.6	5,900	5,500	5,200	4,800	150		
155	47.1	155.1	5,200	4,900	4,500	4,200	49.2	149.5	5,400	5,100	4,800	4,400	155		
160	45.1	149.8	4,800	4,500	4,200	3,900	47.2	144.0	5,000	4,700	4,400	4,100	160		
165	43.0	144.2	4,400	4,100	3,800	3,600	45.0	138.2	4,600	4,300	4,000	3,700	165		
170	40.9	138.1	4,000	3,800	3,500	3,300	42.8	131.8	4,200	3,900	3,700	3,400	170		
175	38.7	131.5	3,700	3,400	3,200	3,000	40.5	124.9	3,800	3,600	3,300	3,100	175		
180	36.3	124.4	3,300	3,100	2,900	2,700	37.9	117.3	3,400	3,200	3,000	2,800	180		
185	33.8	116.5	3,000	2,800	2,600	2,400	35.2	108.9	3,100	2,900	2,700	2,500	185		
190	31.1	107.9	2,500	2,400	2,300	2,200	32.3	99.5	2,600	2,500	2,400	2,200	190		
195	28.1	98.1	2,100	2,000									195		

MLC100-1 S-2

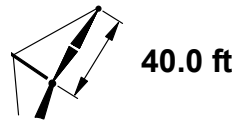
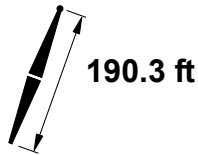


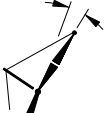
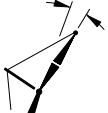
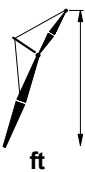
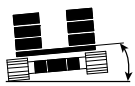
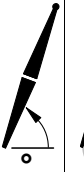
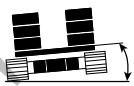
73,000 lb
+
23,100 lb



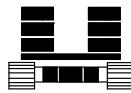
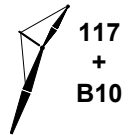
	 10°							 30°							
															
															
														0°	
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
50	80.5	223.1	24,300										50		
55	79.2	222.0	24,200		19,600								55		
60	77.9	220.8	24,100		19,500	14,700	11,100	80.7	216.8	16,500			60		
65	76.5	219.4	24,000		19,400	14,600	11,000	79.3	215.4	16,100	15,100		65		
70	75.2	217.9	21,600	19,300	14,500	11,000		78.0	213.9	15,700	15,100	12,300	9,300	70	
75	73.8	216.3	19,500	17,900	14,400	10,900		76.6	212.2	15,300	15,000	12,300	9,200	75	
80	72.4	214.6	17,700	16,300	14,300	10,900		75.2	210.4	15,000	14,700	12,300	9,200	80	
85	71.1	212.7	16,100	14,800	13,700	10,800		73.8	208.5	14,600	14,400	12,300	9,200	85	
90	69.7	210.7	14,700	13,600	12,500	10,700		72.3	206.5	14,300	14,100	12,200	9,200	90	
95	68.2	208.5	13,400	12,400	11,500	10,700		70.9	204.2	14,000	13,100	12,100	9,200	95	
100	66.8	206.2	12,300	11,400	10,600	9,800		69.4	201.9	12,900	12,000	11,200	9,200	100	
105	65.4	203.7	11,300	10,500	9,700	9,000		67.9	199.4	11,900	11,000	10,300	9,100	105	
110	63.9	201.1	10,400	9,600	9,000	8,300		66.4	196.7	10,900	10,200	9,500	8,800	110	
115	62.4	198.3	9,500	8,900	8,300	7,700		64.9	193.8	10,000	9,400	8,700	8,100	115	
120	60.9	195.3	8,800	8,200	7,600	7,100		63.4	190.7	9,300	8,600	8,100	7,500	120	
125	59.4	192.2	8,100	7,500	7,000	6,500		61.8	187.5	8,500	8,000	7,400	6,900	125	
130	57.8	188.8	7,500	7,000	6,500	6,000		60.2	184.1	7,900	7,300	6,800	6,400	130	
135	56.2	185.3	6,900	6,400	6,000	5,500		58.6	180.4	7,200	6,800	6,300	5,900	135	
140	54.6	181.5	6,300	5,900	5,500	5,100		56.9	176.6	6,700	6,200	5,800	5,400	140	
145	52.9	177.5	5,800	5,400	5,000	4,700		55.2	172.4	6,100	5,700	5,300	5,000	145	
150	51.2	173.3	5,400	5,000	4,600	4,300		53.4	168.1	5,600	5,300	4,900	4,500	150	
155	49.5	168.8	4,900	4,600	4,200	3,900		51.6	163.4	5,200	4,800	4,500	4,200	155	
160	47.7	164.0	4,500	4,200	3,900	3,600		49.8	158.4	4,700	4,400	4,100	3,800	160	
165	45.8	158.9	4,100	3,800	3,500	3,300		47.9	153.1	4,300	4,000	3,700	3,500	165	
170	43.9	153.4	3,800	3,500	3,200	3,000		45.9	147.5	3,900	3,700	3,400	3,100	170	
175	41.9	147.5	3,400	3,200	2,900	2,700		43.8	141.4	3,600	3,300	3,100	2,800	175	
180	39.8	141.3	3,100	2,900	2,600	2,400		41.6	134.8	3,200	3,000	2,800	2,500	180	
185	37.6	134.5	2,800	2,600	2,400	2,100		39.3	127.6	2,900	2,700	2,500	2,200	185	
190	35.3	127.1	2,300	2,200	2,000			36.8	119.8	2,500	2,300	2,200	2,000	190	
195								34.2	111.1	2,000				195	

MLC100-1 S-2



	 10°							 30°						
	 ft	 °	 ft					 ft	 °					 ft
				0° lb	1° lb	2° lb	3° lb			0° lb	1° lb	2° lb	3° lb	
50	80.9	233.2	24,000											50
55	79.7	232.1	23,900	17,500										55
60	78.4	230.9	23,600	17,500	12,900									60
65	77.1	229.6	23,200	17,400	12,900	9,700	79.8	225.6	16,300	14,800				65
70	75.8	228.2	21,400	17,300	12,800	9,600	78.5	224.1	15,900	14,700	11,000			70
75	74.5	226.7	19,200	17,300	12,800	9,600	77.2	222.6	15,500	14,500	10,900	8,200		75
80	73.2	225.0	17,400	15,900	12,800	9,600	75.9	220.9	15,100	14,300	10,900	8,200		80
85	71.9	223.2	15,800	14,500	12,700	9,600	74.5	219.0	14,800	14,100	10,900	8,200		85
90	70.6	221.3	14,400	13,200	12,200	9,500	73.1	217.1	14,500	13,800	10,900	8,100		90
95	69.2	219.2	13,100	12,100	11,100	9,500	71.8	215.0	13,900	12,800	10,900	8,100		95
100	67.9	217.0	12,000	11,100	10,200	9,400	70.4	212.7	12,700	11,700	10,900	8,100		100
105	66.5	214.7	11,000	10,200	9,400	8,700	69.0	210.3	11,600	10,800	10,000	8,100		105
110	65.1	212.2	10,100	9,300	8,600	8,000	67.6	207.8	10,700	9,900	9,200	8,100		110
115	63.7	209.6	9,300	8,600	7,900	7,300	66.1	205.1	9,800	9,100	8,400	7,800		115
120	62.3	206.8	8,500	7,900	7,300	6,700	64.7	202.2	9,000	8,400	7,700	7,200		120
125	60.8	203.8	7,800	7,200	6,700	6,200	63.2	199.2	8,300	7,700	7,100	6,600		125
130	59.4	200.6	7,200	6,600	6,100	5,700	61.7	196.0	7,600	7,100	6,500	6,100		130
135	57.9	197.3	6,600	6,100	5,600	5,200	60.2	192.5	7,000	6,500	6,000	5,600		135
140	56.4	193.8	6,100	5,600	5,200	4,800	58.6	188.9	6,400	6,000	5,500	5,100		140
145	54.8	190.1	5,500	5,100	4,700	4,300	57.0	185.1	5,900	5,500	5,000	4,600		145
150	53.2	186.1	5,100	4,700	4,300	4,000	55.4	181.0	5,400	5,000	4,600	4,200		150
155	51.6	181.9	4,600	4,300	3,900	3,600	53.7	176.7	4,900	4,600	4,200	3,900		155
160	50.0	177.5	4,200	3,900	3,600	3,300	52.0	172.2	4,500	4,100	3,800	3,500		160
165	48.3	172.8	3,800	3,500	3,200	2,900	50.3	167.3	4,100	3,800	3,400	3,100		165
170	46.5	167.8	3,500	3,200	2,900	2,600	48.4	162.2	3,700	3,400	3,100	2,800		170
175	44.7	162.5	3,100	2,900	2,600	2,300	46.6	156.7	3,300	3,000	2,800	2,500		175
180	42.8	156.9	2,800	2,600	2,300	2,100	44.6	150.8	3,000	2,700	2,500	2,200		180
185	40.9	150.8	2,500	2,300	2,000		42.6	144.5	2,600	2,400	2,200			185
190	38.8	144.3	2,000				40.4	137.6	2,300	2,100				190

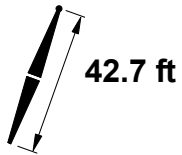
MLC100-1 S-2



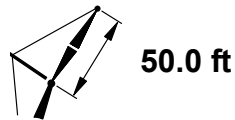
73,000 lb
+
23,100 lb



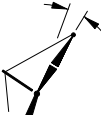
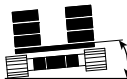
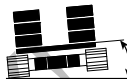
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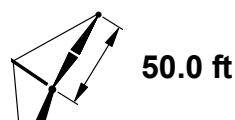
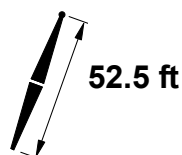
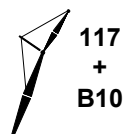
42.7 ft

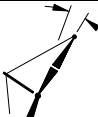
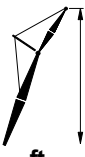
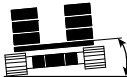
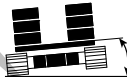


50.0 ft

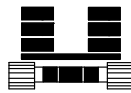
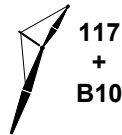
		 10°						 30°									
																	

MLC100-1 S-2



	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
32	80.7	106.4	23,100											32	
34	79.5	105.9	22,800		19,700									34	
36	78.4	105.3	22,600		19,500	16,900								36	
38	77.2	104.6	22,300		19,300	16,700	14,800							38	
40	76.0	103.9	22,100		19,100	16,600	14,700							40	
42	74.8	103.1	21,800	19,000	16,500	14,600								42	
44	73.7	102.3	21,600	18,800	16,300	14,500								44	
46	72.4	101.5	21,200	18,600	16,200	14,400		80.3	98.2	13,800				46	
48	71.2	100.6	20,300	18,500	16,100	14,300		79.1	97.3	13,400	12,100			48	
50	70.0	99.6	19,500	18,300	16,000	14,100		77.8	96.3	13,100	11,800	10,600	9,600	50	
55	66.9	97.0	17,700	17,100	15,700	14,000		74.6	93.6	12,300	11,200	10,100	9,200	55	
60	63.6	94.0	16,200	15,700	15,100	13,700		71.2	90.5	11,600	10,600	9,700	8,800	60	
65	60.3	90.6	15,000	14,600	14,000	13,500		67.7	86.9	11,100	10,200	9,300	8,500	65	
70	56.8	86.8	13,900	13,500	13,100	12,700		64.0	82.9	10,500	9,700	8,900	8,100	70	
75	53.1	82.4	13,000	12,700	12,200	11,900		60.1	78.3	10,000	9,300	8,500	7,900	75	
80	49.2	77.4	12,200	11,900	11,500	11,200		55.9	73.0	9,600	9,000	8,300	7,600	80	
85	44.9	71.7	11,500	11,200	10,900	10,700		51.4	66.8	9,200	8,600	8,000	7,400	85	
90	40.3	64.9	10,900	10,700	10,400	10,100		46.3	59.4	8,900	8,400	7,800	7,300	90	
95	34.9	56.8	10,400	10,200	10,000	9,800		40.3	50.2	8,800	8,200	7,600	7,100	95	
100	28.5	46.3	10,000	9,900	9,700	9,400		32.6	37.6	8,700	8,200	7,600	7,100	100	

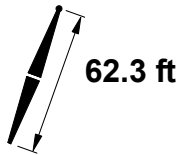
MLC100-1 S-2



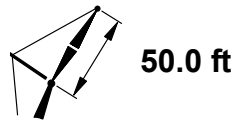
73,000 lb
+
23,100 lb



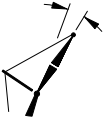
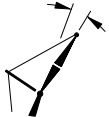
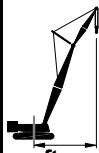
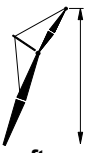
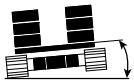
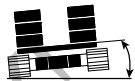
360°



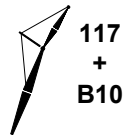
62.3 ft



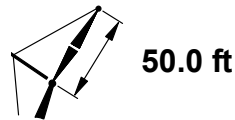
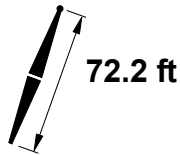
50.0 ft

	 10°						 30°							
														
														
ft	°	ft	0° lb	1° lb	2° lb	3° lb	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
34	80.5	116.0	23,000											34
36	79.4	115.5	22,800	19,600										36
38	78.4	114.9	22,500	19,500	16,800									38
40	77.3	114.3	22,300	19,300	16,700	14,700								40
42	76.2	113.6	22,100	19,100	16,600	14,700								42
44	75.2	112.8	21,900	19,000	16,500	14,600								44
46	74.1	112.1	21,700	18,800	16,400	14,500								46
48	73.0	111.3	21,500	18,700	16,300	14,400	80.1	107.8	14,200					48
50	71.9	110.4	21,300	18,500	16,100	14,300	79.0	106.9	13,800	13,600	12,400			50
55	69.1	108.1	20,900	18,200	15,900	14,100	76.1	104.4	13,100	12,900	11,900	10,700		55
60	66.2	105.4	20,500	17,900	15,600	13,900	73.1	101.7	12,400	12,200	11,400	10,300		60
65	63.3	102.4	19,600	17,600	15,400	13,700	70.1	98.6	11,800	11,700	11,100	9,900		65
70	60.2	99.1	18,300	17,300	15,200	13,600	66.9	95.1	11,300	11,200	10,700	9,700		70
75	57.0	95.3	17,100	16,500	15,000	13,400	63.5	91.2	10,900	10,700	10,300	9,400		75
80	53.7	91.1	16,000	15,500	14,900	13,300	60.0	86.7	10,400	10,300	10,000	9,200		80
85	50.2	86.4	15,100	14,700	14,300	13,100	56.3	81.7	10,100	10,000	9,700	8,900		85
90	46.5	80.9	14,300	13,900	13,600	13,100	52.4	75.9	9,700	9,700	9,500	8,700		90
95	42.4	74.8	13,600	13,300	12,900	12,600	48.0	69.2	9,400	9,400	9,200	8,500		95
100	38.0	67.5	13,000	12,800	12,400	12,100	43.1	61.2	9,200	9,100	9,100	8,400		100
105	32.9	58.8	12,500	12,300	12,000	11,700	37.3	51.3	9,000	9,000	9,000	8,300		105
110	26.7	47.7	12,200	12,000	11,700	11,500								110

MLC100-1 S-2

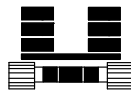
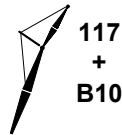


73,000 lb
+
23,100 lb

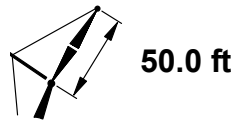
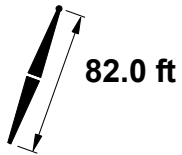


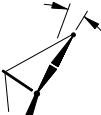
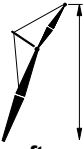
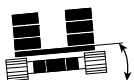
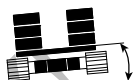
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
36	80.3	125.7	22,800											36
38	79.3	125.1	22,700		19,500									38
40	78.4	124.5	22,500		19,400	16,700								40
42	77.4	123.9	22,300		19,300	16,700	14,700							42
44	76.4	123.2	22,100		19,100	16,500	14,600							44
46	75.4	122.6	21,900		19,000	16,500	14,500							46
48	74.4	121.8	21,700		18,800	16,400	14,500							48
50	73.4	121.0	21,500		18,700	16,300	14,400	80.0	117.3	14,100	13,800			50
55	70.9	118.9	21,200		18,400	16,000	14,200	77.4	115.1	13,400	13,100	12,900	10,600	55
60	68.3	116.5	20,700		18,100	15,800	14,000	74.7	112.7	12,800	12,500	12,300	10,600	60
65	65.7	113.9	20,400		17,900	15,600	13,800	71.9	109.9	12,200	12,000	11,800	10,600	65
70	62.9	110.9	20,000		17,600	15,400	13,700	69.1	106.8	11,700	11,500	11,400	10,600	70
75	60.1	107.6	19,700		17,400	15,200	13,600	66.2	103.3	11,200	11,100	10,900	10,500	75
80	57.2	103.9	18,800		17,100	15,000	13,400	63.2	99.5	10,800	10,700	10,600	10,200	80
85	54.2	99.8	17,900		16,900	14,900	13,300	60.0	95.2	10,400	10,300	10,200	10,000	85
90	51.1	95.2	17,000		16,800	14,800	13,200	56.7	90.3	10,100	10,000	9,900	9,800	90
95	47.7	90.1	16,200		15,700	14,700	13,100	53.1	84.9	9,800	9,700	9,600	9,600	95
100	44.1	84.3	15,100		14,600	14,200	13,000	49.3	78.7	9,500	9,400	9,400	9,300	100
105	40.3	77.7	14,100		13,700	13,300	12,900	45.1	71.5	9,300	9,200	9,200	9,100	105
110	36.0	70.0	13,200		12,800	12,500	12,100	40.3	63.0	9,100	9,100	9,000	9,000	110
115	31.1	60.7	12,300		12,000	11,700	11,400	34.7	52.3	8,900	8,900	8,900	8,900	115
120	25.1	48.9	11,500		11,300	11,000	10,800							120

MLC100-1 S-2

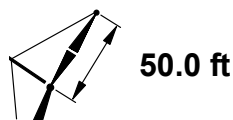
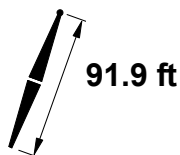
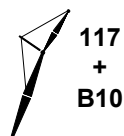


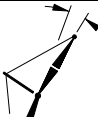
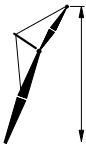
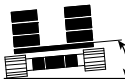
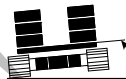
73,000 lb
+
23,100 lb



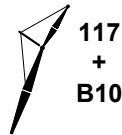
	 10°							 30°							
															
															
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
38	80.2	135.3	22,800											38	
40	79.3	134.7	22,600	19,400										40	
42	78.4	134.2	22,400	19,300	16,700									42	
44	77.5	133.6	22,200	19,200	16,600	14,700								44	
46	76.5	132.9	22,100	19,100	16,500	14,600								46	
48	75.6	132.2	21,900	18,900	16,400	14,500								48	
50	74.7	131.5	21,700	18,800	16,300	14,400	80.8	127.7	14,300					50	
55	72.4	129.6	21,400	18,600	16,100	14,200	78.4	125.7	13,600	13,400	12,500			55	
60	70.0	127.4	21,000	18,200	15,900	14,100	76.0	123.4	13,000	12,800	12,500	10,300		60	
65	67.6	125.0	20,700	18,000	15,700	13,900	73.5	120.9	12,500	12,300	12,100	10,300		65	
70	65.2	122.3	20,300	17,800	15,600	13,800	70.9	118.1	12,000	11,800	11,600	10,300		70	
75	62.7	119.3	20,000	17,600	15,300	13,700	68.3	115.0	11,500	11,400	11,200	10,300		75	
80	60.1	116.0	19,800	17,300	15,200	13,500	65.6	111.6	11,100	11,000	10,800	10,300		80	
85	57.4	112.4	18,600	17,100	15,100	13,400	62.8	107.8	10,700	10,600	10,500	10,300		85	
90	54.6	108.4	17,200	16,500	14,900	13,300	59.9	103.6	10,400	10,300	10,200	10,100		90	
95	51.8	104.0	16,000	15,400	14,800	13,200	56.9	99.0	10,100	10,000	9,900	9,800		95	
100	48.7	99.1	14,800	14,300	13,800	13,200	53.7	93.8	9,800	9,700	9,700	9,600		100	
105	45.5	93.6	13,800	13,400	12,900	12,500	50.3	87.9	9,600	9,500	9,400	9,400		105	
110	42.1	87.4	12,900	12,500	12,100	11,700	46.6	81.3	9,300	9,300	9,200	9,200		110	
115	38.4	80.4	12,100	11,700	11,400	11,000	42.5	73.7	9,200	9,100	9,100	9,100		115	
120	34.3	72.3	11,300	11,000	10,700	10,400	37.9	64.6	9,000	9,000	9,000	8,900		120	
125	29.5	62.5	10,600	10,300	10,100	9,800	32.4	53.2	8,900	8,900	8,900	8,900		125	
130	23.7	50.1	9,900	9,700	9,500	9,300								130	

MLC100-1 S-2

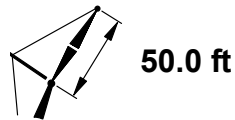
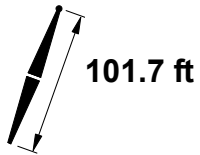


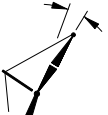
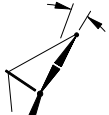
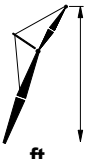
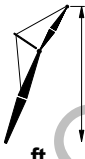
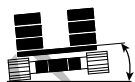
	 10°							 30°							
	 ft	 °	 ft					 ft	 °	 ft					
				 0° lb	 1° lb	 2° lb	 3° lb				 0° lb	 1° lb	 2° lb	 3° lb	
38	80.9	145.4	22,800											38	
40	80.0	144.9	22,700											40	
42	79.2	144.4	22,500	19,400										42	
44	78.4	143.8	22,300	19,200	16,600									44	
46	77.5	143.2	22,200	19,100	16,500	14,600								46	
48	76.7	142.6	22,000	19,000	16,500	14,500								48	
50	75.8	141.9	21,900	18,900	16,400	14,400								50	
55	73.7	140.1	21,600	18,700	16,200	14,300	79.3	136.1	13,900	13,600				55	
60	71.5	138.1	21,200	18,400	16,000	14,200	77.1	134.0	13,300	13,000	12,200	10,000		60	
65	69.3	135.9	20,900	18,100	15,800	14,000	74.8	131.7	12,800	12,500	12,100	10,000		65	
70	67.1	133.5	20,700	17,900	15,600	13,900	72.5	129.2	12,300	12,100	11,900	10,000		70	
75	64.8	130.7	20,300	17,700	15,500	13,800	70.1	126.4	11,800	11,700	11,500	10,000		75	
80	62.4	127.8	20,000	17,500	15,300	13,600	67.7	123.3	11,400	11,300	11,100	10,000		80	
85	60.0	124.5	18,400	17,400	15,200	13,500	65.2	119.9	11,100	10,900	10,800	10,000		85	
90	57.6	120.9	17,000	16,300	15,100	13,400	62.6	116.2	10,700	10,600	10,500	10,000		90	
95	55.0	117.0	15,800	15,100	14,500	13,400	59.9	112.1	10,400	10,300	10,200	10,000		95	
100	52.4	112.7	14,700	14,100	13,600	13,000	57.1	107.6	10,100	10,000	9,900	9,800	100		
105	49.6	108.0	13,600	13,100	12,700	12,200	54.2	102.6	9,900	9,800	9,700	9,600	105		
110	46.7	102.7	12,700	12,300	11,900	11,400	51.1	97.0	9,600	9,600	9,500	9,400	110		
115	43.6	96.9	11,900	11,500	11,100	10,800	47.8	90.8	9,400	9,400	9,300	9,300	115		
120	40.3	90.4	11,100	10,800	10,400	10,100	44.3	83.8	9,200	9,200	9,100	9,100	120		
125	36.7	83.0	10,400	10,100	9,800	9,500	40.3	75.7	9,100	9,000	9,000	9,000	125		
130	32.7	74.5	9,800	9,500	9,300	9,000	35.9	66.1	9,000	8,900	8,900	8,900	130		
135	28.1	64.2	9,200	9,000	8,700	8,500	30.5	54.1	8,900	8,900	8,800	8,600	135		
140	22.5	51.1	8,600	8,400	8,200	8,000							140		

MLC100-1 S-2

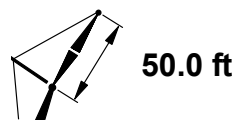
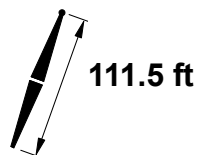
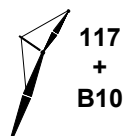


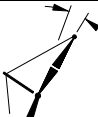
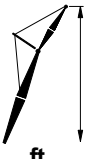
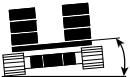
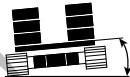
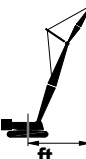
73,000 lb
+
23,100 lb



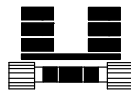
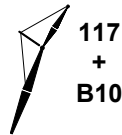
	 10°							 30°							
															
				0°	1°	2°	3°			0°	1°	2°	3°		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
40	80.7	155.0	22,700											40	
42	79.9	154.5	22,600	19,400										42	
44	79.1	154.0	22,400	19,200										44	
46	78.3	153.4	22,300	19,200	16,500									46	
48	77.6	152.9	22,100	19,000	16,400	14,500								48	
50	76.8	152.2	22,000	18,900	16,400	14,400								50	
55	74.8	150.6	21,700	18,700	16,200	14,300	80.0	146.5	14,100					55	
60	72.8	148.7	21,400	18,500	16,000	14,100	78.0	144.5	13,500	13,300	11,800	9,800		60	
65	70.8	146.7	21,100	18,300	15,900	14,000	75.9	142.4	13,000	12,800	11,800	9,800		65	
70	68.7	144.4	20,900	18,100	15,700	13,900	73.7	140.1	12,500	12,300	11,800	9,800		70	
75	66.6	141.9	20,600	17,900	15,500	13,800	71.6	137.5	12,100	11,900	11,700	9,800		75	
80	64.4	139.2	19,800	17,700	15,400	13,700	69.4	134.7	11,700	11,500	11,400	9,800		80	
85	62.2	136.2	18,200	17,300	15,400	13,600	67.1	131.6	11,300	11,200	11,000	9,800		85	
90	60.0	133.0	16,800	16,000	15,200	13,500	64.8	128.2	11,000	10,900	10,700	9,800		90	
95	57.7	129.4	15,500	14,800	14,200	13,400	62.4	124.6	10,700	10,600	10,400	9,800		95	
100	55.3	125.6	14,400	13,800	13,200	12,700	59.9	120.5	10,400	10,300	10,200	9,800		100	
105	52.9	121.4	13,400	12,800	12,300	11,800	57.3	116.1	10,100	10,000	9,900	9,800		105	
110	50.3	116.8	12,500	12,000	11,500	11,100	54.6	111.3	9,900	9,800	9,700	9,700		110	
115	47.6	111.8	11,600	11,200	10,800	10,400	51.8	106.0	9,700	9,600	9,500	9,500		115	
120	44.8	106.2	10,900	10,500	10,100	9,800	48.8	100.2	9,500	9,400	9,400	9,300		120	
125	41.9	100.1	10,200	9,800	9,500	9,200	45.6	93.6	9,300	9,200	9,200	9,200		125	
130	38.7	93.3	9,500	9,200	8,900	8,600	42.2	86.2	9,100	9,100	9,100	8,800		130	
135	35.2	85.5	9,000	8,700	8,400	8,100	38.4	77.7	9,000	8,800	8,500	8,300		135	
140	31.3	76.5	8,400	8,100	7,900	7,700	34.0	67.5	8,500	8,200	8,000	7,800		140	
145	26.9	65.8	7,900	7,700	7,400	7,200								145	
150	21.4	52.1	7,300	7,200	7,000	6,800								150	

MLC100-1 S-2

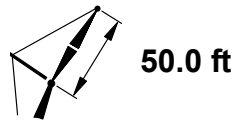
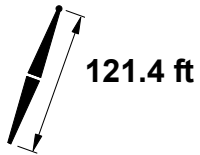


	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
42	80.5	164.6	22,500											42	
44	79.8	164.1	22,400		19,200									44	
46	79.1	163.6	22,300		19,100									46	
48	78.3	163.1	22,200		19,000	16,400								48	
50	77.6	162.5	22,100		18,900	16,300	14,400							50	
55	75.8	161.0	21,800	18,700	16,200	14,200		80.7	156.7	14,300				55	
60	73.9	159.2	21,500	18,500	16,000	14,200		78.8	155.0	13,700	13,500	11,600		60	
65	72.0	157.3	21,300	18,300	15,900	14,100		76.8	153.0	13,200	13,000	11,600	9,600	65	
70	70.1	155.2	21,000	18,200	15,700	14,000		74.8	150.8	12,800	12,500	11,500	9,600	70	
75	68.1	152.9	20,700	18,000	15,600	13,800		72.8	148.4	12,300	12,100	11,500	9,600	75	
80	66.1	150.4	19,600	17,800	15,500	13,800		70.8	145.8	11,900	11,800	11,500	9,600	80	
85	64.1	147.6	18,000	17,000	15,400	13,600		68.7	143.0	11,600	11,400	11,300	9,600	85	
90	62.1	144.7	16,500	15,700	15,000	13,600		66.6	139.9	11,200	11,100	11,000	9,600	90	
95	60.0	141.4	15,300	14,600	13,900	13,200		64.4	136.6	10,900	10,800	10,700	9,600	95	
100	57.8	137.9	14,200	13,500	12,900	12,300		62.2	132.9	10,700	10,500	10,400	9,600	100	
105	55.6	134.1	13,200	12,600	12,000	11,500		59.8	129.0	10,400	10,300	10,200	9,600	105	
110	53.3	130.0	12,300	11,700	11,200	10,700		57.5	124.7	10,100	10,000	10,000	9,600	110	
115	50.9	125.6	11,400	11,000	10,500	10,100		55.0	120.0	9,900	9,800	9,700	9,600	115	
120	48.5	120.7	10,700	10,200	9,800	9,400		52.4	114.9	9,700	9,600	9,600	9,500	120	
125	45.9	115.4	10,000	9,600	9,200	8,900		49.7	109.3	9,500	9,500	9,400	9,100	125	
130	43.2	109.6	9,300	9,000	8,600	8,300		46.8	103.1	9,300	9,200	8,900	8,600	130	
135	40.3	103.2	8,700	8,400	8,100	7,800		43.7	96.2	8,900	8,600	8,300	8,000	135	
140	37.2	96.0	8,200	7,900	7,600	7,400		40.3	88.5	8,300	8,100	7,800	7,500	140	
145	33.8	87.9	7,700	7,400	7,200	6,900		36.6	79.5	7,800	7,500	7,300	7,100	145	
150	30.1	78.5	7,200	7,000	6,700	6,500		32.4	68.9	7,300	7,000	6,800	6,600	150	
155	25.7	67.3	6,700	6,500	6,300	6,100								155	
160	20.4	52.9	6,000	5,900	5,800	5,800								160	

MLC100-1 S-2

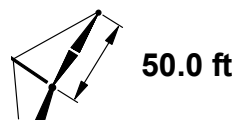
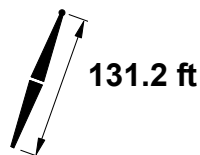
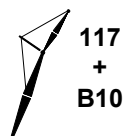


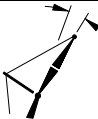
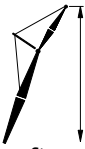
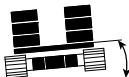
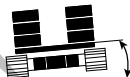
73,000 lb
+
23,100 lb



			10°				30°						
			0°	1°	2°	3°	0°	1°	2°	3°			
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
44	80.4	174.2	22,400										44
46	79.7	173.8	22,300	19,000									46
48	79.0	173.2	22,200	19,000									48
50	78.3	172.7	22,100	18,900	16,200								50
55	76.6	171.3	21,800	18,700	16,100	14,200							55
60	74.9	169.6	21,600	18,500	16,000	14,100	79.5	165.3	13,900	13,600			60
65	73.1	167.9	21,300	18,400	15,900	14,000	77.6	163.5	13,400	13,200	11,300	9,400	65
70	71.3	165.9	21,100	18,200	15,700	13,900	75.8	161.4	13,000	12,700	11,300	9,400	70
75	69.5	163.7	20,900	18,100	15,700	13,800	73.9	159.2	12,600	12,400	11,300	9,400	75
80	67.6	161.4	19,300	17,900	15,600	13,700	72.0	156.8	12,200	12,000	11,300	9,400	80
85	65.8	158.9	17,700	16,700	15,400	13,600	70.1	154.2	11,800	11,600	11,200	9,400	85
90	63.9	156.1	16,300	15,400	14,600	13,600	68.1	151.3	11,500	11,300	11,200	9,400	90
95	61.9	153.1	15,000	14,300	13,500	12,800	66.1	148.3	11,200	11,000	10,900	9,400	95
100	59.9	149.9	13,900	13,200	12,600	11,900	64.1	144.9	10,900	10,800	10,600	9,400	100
105	57.9	146.4	12,900	12,300	11,700	11,100	62.0	141.3	10,600	10,500	10,400	9,400	105
110	55.8	142.7	12,000	11,400	10,900	10,400	59.8	137.5	10,400	10,300	10,200	9,400	110
115	53.7	138.7	11,200	10,700	10,200	9,700	57.6	133.3	10,100	10,100	10,000	9,400	115
120	51.5	134.3	10,400	9,900	9,500	9,100	55.3	128.7	9,900	9,900	9,800	9,400	120
125	49.2	129.6	9,700	9,300	8,900	8,500	52.9	123.8	9,700	9,600	9,200	8,800	125
130	46.8	124.5	9,100	8,700	8,300	8,000	50.4	118.4	9,400	9,000	8,600	8,300	130
135	44.3	118.9	8,500	8,100	7,800	7,500	47.7	112.5	8,700	8,400	8,000	7,700	135
140	41.7	112.8	7,900	7,600	7,300	7,000	44.9	106.0	8,100	7,800	7,500	7,200	140
145	38.9	106.1	7,400	7,100	6,900	6,600	41.9	98.8	7,600	7,300	7,000	6,800	145
150	35.9	98.6	6,900	6,700	6,400	6,200	38.7	90.6	7,100	6,800	6,600	6,300	150
155	32.6	90.1	6,500	6,300	6,000	5,800	35.0	81.3	6,600	6,400	6,100	5,900	155
160	28.9	80.4	6,100	5,900	5,600	5,400	30.9	70.2	6,100	5,900	5,700	5,500	160
165	24.7	68.7	5,700	5,500	5,300	5,100							165

MLC100-1 S-2

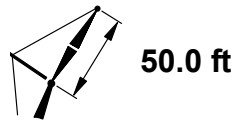
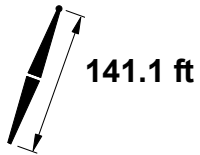


	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
44	80.9	184.3	22,300											44	
46	80.3	183.9	22,300											46	
48	79.6	183.4	22,100	18,900										48	
50	79.0	182.9	22,100	18,800	16,200									50	
55	77.4	181.5	21,800	18,700	16,100	14,100								55	
60	75.7	180.0	21,600	18,500	16,000	14,000	80.1	175.6	14,100					60	
65	74.0	178.3	21,400	18,400	15,800	14,000	78.4	173.8	13,600	13,300	11,100			65	
70	72.4	176.5	21,200	18,200	15,700	13,800	76.6	171.9	13,200	12,900	11,100	9,200		70	
75	70.7	174.4	20,900	18,100	15,600	13,800	74.9	169.9	12,800	12,500	11,000	9,200		75	
80	68.9	172.3	19,100	17,900	15,500	13,700	73.1	167.6	12,400	12,200	11,000	9,200		80	
85	67.2	169.9	17,500	16,500	15,400	13,700	71.3	165.2	12,000	11,900	11,000	9,200		85	
90	65.4	167.3	16,100	15,200	14,300	13,500	69.5	162.5	11,700	11,500	11,000	9,200		90	
95	63.6	164.6	14,800	14,000	13,200	12,500	67.6	159.7	11,400	11,300	11,000	9,200		95	
100	61.8	161.6	13,700	13,000	12,300	11,600	65.8	156.6	11,100	11,000	10,800	9,200		100	
105	59.9	158.4	12,700	12,000	11,400	10,800	63.8	153.3	10,900	10,700	10,600	9,200		105	
110	58.0	154.9	11,800	11,200	10,600	10,100	61.8	149.8	10,600	10,500	10,400	9,200		110	
115	56.0	151.3	11,000	10,400	9,900	9,400	59.8	145.9	10,400	10,300	10,200	9,200		115	
120	54.0	147.3	10,200	9,700	9,200	8,800	57.7	141.8	10,200	10,100	9,600	9,200		120	
125	52.0	143.0	9,500	9,100	8,600	8,200	55.6	137.4	9,900	9,400	9,000	8,600		125	
130	49.8	138.4	8,900	8,500	8,100	7,700	53.3	132.6	9,200	8,800	8,400	8,000		130	
135	47.6	133.5	8,300	7,900	7,600	7,200	51.0	127.4	8,600	8,200	7,800	7,500		135	
140	45.3	128.1	7,700	7,400	7,100	6,800	48.5	121.7	8,000	7,700	7,300	7,000		140	
145	42.9	122.3	7,200	6,900	6,600	6,300	46.0	115.5	7,500	7,100	6,800	6,500		145	
150	40.3	115.9	6,800	6,500	6,200	5,900	43.3	108.8	6,900	6,700	6,400	6,100		150	
155	37.6	108.9	6,300	6,100	5,800	5,600	40.3	101.2	6,500	6,200	6,000	5,700		155	
160	34.7	101.1	5,900	5,700	5,400	5,200	37.2	92.7	6,000	5,800	5,600	5,300		160	
165	31.5	92.3	5,500	5,300	5,100	4,900	33.6	83.0	5,600	5,400	5,200	5,000		165	
170	27.9	82.2	5,100	4,900	4,700	4,600								170	
175	23.8	70.0	4,800	4,600	4,400	4,300								175	

MLC100-1 S-2

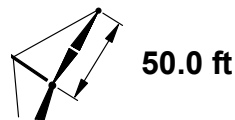
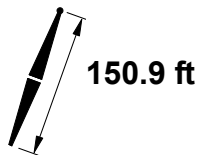


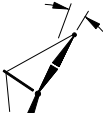
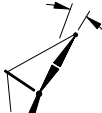
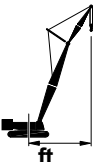
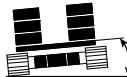
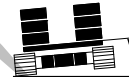
73,000 lb
+
23,100 lb



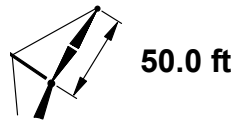
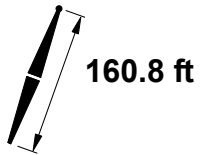
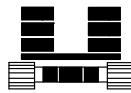
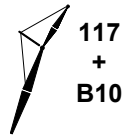
			10°				30°						
ft	°	ft	0° lb	1° lb	2° lb	3° lb	°	ft	0° lb	1° lb	2° lb	3° lb	ft
46	80.8	193.9	22,100										46
48	80.2	193.5	22,000										48
50	79.6	193.0	22,000	18,700									50
55	78.0	191.7	21,800	18,600	16,000								55
60	76.5	190.3	21,500	18,400	15,900	13,900	80.6	185.8	14,200				60
65	74.9	188.7	21,400	18,300	15,800	13,900	79.0	184.2	13,800	13,500			65
70	73.3	187.0	21,200	18,200	15,600	13,800	77.4	182.4	13,300	13,100	10,900	9,100	70
75	71.7	185.1	20,700	18,000	15,500	13,700	75.7	180.4	13,000	12,700	10,800	9,100	75
80	70.1	183.0	18,900	17,600	15,500	13,600	74.1	178.3	12,600	12,400	10,800	9,100	80
85	68.5	180.8	17,300	16,200	15,100	13,600	72.4	176.0	12,200	12,000	10,800	9,100	85
90	66.8	178.4	15,800	14,900	14,000	13,100	70.7	173.6	11,900	11,700	10,800	9,100	90
95	65.1	175.8	14,600	13,700	12,900	12,100	69.0	170.9	11,600	11,500	10,700	9,100	95
100	63.4	173.0	13,500	12,700	12,000	11,300	67.2	168.1	11,300	11,200	10,700	9,100	100
105	61.7	170.0	12,500	11,800	11,100	10,500	65.4	165.0	11,100	10,900	10,700	9,100	105
110	59.9	166.9	11,500	10,900	10,300	9,700	63.6	161.7	10,800	10,700	10,600	9,100	110
115	58.1	163.4	10,700	10,100	9,600	9,100	61.7	158.2	10,600	10,500	10,100	9,100	115
120	56.2	159.8	10,000	9,400	8,900	8,500	59.8	154.4	10,400	9,900	9,400	8,900	120
125	54.3	155.9	9,300	8,800	8,300	7,900	57.8	150.3	9,700	9,200	8,700	8,300	125
130	52.4	151.7	8,600	8,200	7,800	7,400	55.8	146.0	9,000	8,600	8,100	7,700	130
135	50.4	147.2	8,000	7,600	7,300	6,900	53.7	141.3	8,400	8,000	7,600	7,200	135
140	48.3	142.4	7,500	7,100	6,800	6,400	51.5	136.3	7,800	7,400	7,100	6,700	140
145	46.1	137.2	7,000	6,600	6,300	6,000	49.3	130.8	7,200	6,900	6,600	6,300	145
150	43.9	131.6	6,500	6,200	5,900	5,600	46.9	124.9	6,700	6,400	6,100	5,800	150
155	41.5	125.5	6,100	5,800	5,500	5,200	44.4	118.5	6,300	6,000	5,700	5,400	155
160	39.0	118.9	5,600	5,400	5,100	4,900	41.7	111.4	5,800	5,600	5,300	5,100	160
165	36.4	111.6	5,200	5,000	4,800	4,600	38.9	103.6	5,400	5,200	4,900	4,700	165
170	33.6	103.5	4,900	4,700	4,400	4,200	35.8	94.7	5,000	4,800	4,600	4,300	170
175	30.4	94.4	4,500	4,300	4,100	3,900	32.3	84.6	4,600	4,400	4,200	4,000	175
180	27.0	83.9	4,200	4,000	3,800	3,700							180
185	22.9	71.3	3,700	3,600	3,500	3,400							185

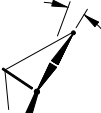
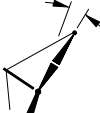
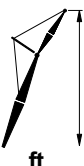
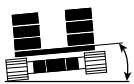
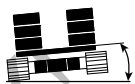
MLC100-1 S-2



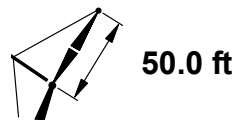
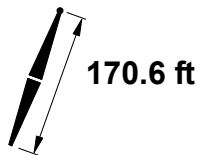
	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
48	80.7	203.6	21,900											48	
50	80.1	203.1	21,800											50	
55	78.6	201.9	21,700		18,400	15,800								55	
60	77.2	200.5	21,500		18,300	15,700	13,000							60	
65	75.7	199.0	21,300		18,200	15,600	13,000	79.6	194.4	13,900	13,200			65	
70	74.2	197.4	21,100		18,100	15,600	13,000	78.1	192.8	13,500	13,100	10,700		70	
75	72.7	195.6	20,500		18,000	15,500	13,000	76.5	190.9	13,100	12,900	10,600	8,900	75	
80	71.1	193.6	18,600		17,300	15,400	13,000	74.9	188.9	12,800	12,500	10,600	8,900	80	
85	69.6	191.5	17,000		15,900	14,800	13,000	73.4	186.8	12,400	12,200	10,600	8,900	85	
90	68.0	189.3	15,600		14,600	13,600	12,800	71.8	184.5	12,100	11,900	10,500	8,900	90	
95	66.4	186.9	14,300		13,400	12,600	11,800	70.1	182.0	11,800	11,600	10,500	8,900	95	
100	64.8	184.3	13,200		12,400	11,600	10,900	68.5	179.3	11,500	11,400	10,500	8,900	100	
105	63.2	181.5	12,200		11,500	10,800	10,100	66.8	176.4	11,300	11,100	10,500	8,900	105	
110	61.6	178.5	11,300		10,600	10,000	9,400	65.1	173.4	11,000	10,900	10,500	8,900	110	
115	59.9	175.3	10,500		9,900	9,300	8,800	63.4	170.1	10,800	10,400	9,800	8,900	115	
120	58.2	171.9	9,700		9,200	8,600	8,100	61.6	166.6	10,200	9,600	9,100	8,600	120	
125	56.4	168.3	9,000		8,500	8,000	7,600	59.8	162.9	9,500	9,000	8,500	8,000	125	
130	54.6	164.5	8,400		7,900	7,500	7,100	57.9	158.9	8,800	8,300	7,900	7,400	130	
135	52.8	160.4	7,800		7,400	7,000	6,600	56.0	154.6	8,200	7,700	7,300	6,900	135	
140	50.9	156.0	7,300		6,900	6,500	6,100	54.0	150.0	7,600	7,200	6,800	6,400	140	
145	48.9	151.3	6,700		6,400	6,000	5,700	52.0	145.1	7,100	6,700	6,300	6,000	145	
150	46.9	146.2	6,300		5,900	5,600	5,300	49.9	139.9	6,500	6,200	5,900	5,600	150	
155	44.8	140.8	5,800		5,500	5,200	4,900	47.7	134.2	6,100	5,800	5,500	5,200	155	
160	42.6	135.0	5,400		5,100	4,900	4,600	45.4	128.0	5,600	5,300	5,100	4,800	160	
165	40.3	128.7	5,000		4,800	4,500	4,300	42.9	121.3	5,200	4,900	4,700	4,400	165	
170	37.9	121.8	4,700		4,400	4,200	4,000	40.3	114.0	4,800	4,600	4,300	4,100	170	
175	35.3	114.2	4,300		4,100	3,900	3,700	37.6	105.8	4,400	4,200	4,000	3,800	175	
180	32.5	105.8	4,000		3,800	3,600	3,400	34.5	96.6	4,100	3,900	3,700	3,500	180	
185	29.5	96.4	3,600		3,500	3,300	3,100	31.1	86.1	3,700	3,500	3,400	3,200	185	
190	26.1	85.5	3,200		3,100	3,000	2,900							190	
195	22.1	72.5	2,600		2,600	2,500	2,400							195	

MLC100-1 S-2



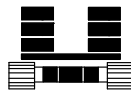
	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				 lb	 lb	 lb	 lb			 lb	 lb	 lb	 lb		
50	80.6	213.2	21,600											50	
55	79.2	212.0	21,500	18,300										55	
60	77.8	210.7	21,300	18,200	15,300	11,800								60	
65	76.4	209.3	21,200	18,000	15,300	11,800	80.1	204.7	14,100					65	
70	74.9	207.7	21,000	17,900	15,200	11,700	78.6	203.1	13,700	12,800	10,400			70	
75	73.5	206.0	20,200	17,800	15,200	11,700	77.2	201.3	13,300	12,800	10,400	8,700		75	
80	72.1	204.2	18,400	17,000	15,200	11,700	75.7	199.5	12,900	12,700	10,400	8,700		80	
85	70.6	202.2	16,800	15,600	14,500	11,600	74.2	197.4	12,600	12,400	10,400	8,700		85	
90	69.1	200.1	15,400	14,300	13,300	11,600	72.7	195.2	12,300	12,100	10,400	8,700		90	
95	67.6	197.8	14,100	13,100	12,300	11,400	71.2	192.9	12,000	11,800	10,300	8,700		95	
100	66.1	195.3	13,000	12,100	11,300	11,600	69.6	190.4	11,700	11,600	10,300	8,700		100	
105	64.6	192.7	12,000	11,200	10,500	9,800	68.0	187.7	11,500	11,300	10,300	8,700		105	
110	63.0	189.9	11,000	10,300	9,700	9,100	66.4	184.8	11,200	11,000	10,300	8,700		110	
115	61.5	187.0	10,200	9,600	9,000	8,400	64.8	181.8	10,800	10,100	9,500	8,700		115	
120	59.9	183.8	9,500	8,900	8,300	7,800	63.2	178.5	10,000	9,400	8,800	8,300		120	
125	58.2	180.4	8,800	8,200	7,700	7,200	61.5	175.0	9,300	8,700	8,200	7,700		125	
130	56.5	176.9	8,100	7,600	7,200	6,700	59.8	171.3	8,600	8,100	7,600	7,200		130	
135	54.8	173.1	7,500	7,100	6,700	6,300	58.0	167.4	8,000	7,500	7,100	6,600		135	
140	53.1	169.0	7,000	6,600	6,200	5,800	56.2	163.2	7,400	7,000	6,500	6,200		140	
145	51.3	164.7	6,500	6,100	5,700	5,400	54.3	158.7	6,800	6,400	6,100	5,700		145	
150	49.5	160.1	6,000	5,700	5,300	5,000	52.4	153.9	6,300	6,000	5,600	5,300		150	
155	47.6	155.2	5,600	5,200	4,900	4,600	50.4	148.8	5,900	5,500	5,200	4,900		155	
160	45.6	149.9	5,200	4,900	4,600	4,300	48.4	143.3	5,400	5,100	4,800	4,500		160	
165	43.6	144.3	4,800	4,500	4,200	4,000	46.2	137.4	5,000	4,700	4,400	4,200		165	
170	41.4	138.2	4,400	4,100	3,900	3,600	44.0	131.0	4,600	4,300	4,100	3,800		170	
175	39.2	131.7	4,100	3,800	3,600	3,400	41.6	124.1	4,200	4,000	3,700	3,500		175	
180	36.8	124.6	3,700	3,500	3,300	3,100	39.1	116.4	3,900	3,600	3,400	3,200		180	
185	34.3	116.7	3,400	3,200	3,000	2,800	36.3	108.0	3,500	3,300	3,100	2,900		185	
190	31.6	108.1	3,000	2,900	2,700	2,600	33.4	98.5	3,200	3,000	2,800	2,600		190	
195	28.6	98.3	2,600	2,500	2,400	2,300								195	
200	25.3	87.1	2,100	2,100	2,000									200	

MLC100-1 S-2

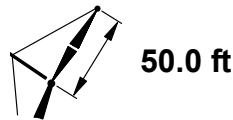
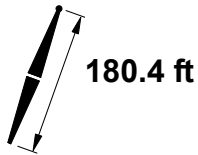


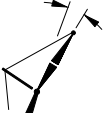
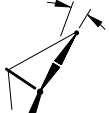
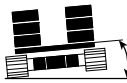
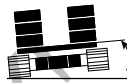
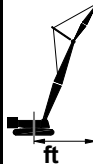
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
50	81.0	223.2	21,400											50
55	79.7	222.1	21,300		18,000									55
60	78.3	220.9	21,200		17,900	13,900								60
65	77.0	219.5	21,000		17,800	13,900	10,500	80.6	214.9	14,200				65
70	75.6	218.0	20,900		17,700	13,800	10,500	79.2	213.4	13,800	12,600			70
75	74.3	216.4	20,000	17,600	13,800	10,500	77.8	211.7	13,400	12,500	10,200	8,400		75
80	72.9	214.7	18,200	16,700	13,700	10,400	76.4	209.9	13,100	12,500	10,200	8,400		80
85	71.5	212.8	16,500	15,300	13,700	10,400	75.0	208.0	12,800	12,400	10,200	8,400		85
90	70.1	210.8	15,100	14,000	13,000	10,300	73.5	205.9	12,500	12,300	10,200	8,400		90
95	68.7	208.6	13,900	12,900	12,000	10,300	72.1	203.7	12,200	12,000	10,100	8,400		95
100	67.3	206.3	12,700	11,900	11,000	10,300	70.6	201.3	11,900	11,700	10,100	8,400		100
105	65.8	203.8	11,700	10,900	10,200	9,500	69.1	198.8	11,600	11,500	10,100	8,400		105
110	64.4	201.2	10,800	10,100	9,400	8,800	67.6	196.1	11,400	10,700	10,000	8,400		110
115	62.9	198.4	10,000	9,300	8,700	8,100	66.1	193.2	10,600	9,900	9,300	8,400		115
120	61.4	195.4	9,200	8,600	8,100	7,500	64.6	190.2	9,800	9,200	8,600	8,000		120
125	59.8	192.3	8,600	8,000	7,500	7,000	63.0	186.9	9,100	8,500	8,000	7,500		125
130	58.3	188.9	7,900	7,400	6,900	6,500	61.4	183.5	8,400	7,900	7,400	6,900		130
135	56.7	185.4	7,300	6,900	6,400	6,000	59.7	179.8	7,800	7,300	6,800	6,400		135
140	55.1	181.6	6,800	6,300	5,900	5,500	58.1	175.9	7,200	6,800	6,300	5,900		140
145	53.4	177.6	6,300	5,900	5,500	5,100	56.3	171.8	6,700	6,200	5,900	5,500		145
150	51.7	173.4	5,800	5,400	5,100	4,700	54.6	167.4	6,200	5,800	5,400	5,100		150
155	50.0	168.9	5,400	5,000	4,700	4,400	52.8	162.7	5,700	5,300	5,000	4,700		155
160	48.2	164.1	4,900	4,600	4,300	4,000	50.9	157.7	5,200	4,900	4,600	4,300		160
165	46.3	159.0	4,600	4,300	4,000	3,700	49.0	152.4	4,800	4,500	4,200	3,900		165
170	44.4	153.5	4,200	3,900	3,700	3,400	47.0	146.7	4,400	4,200	3,900	3,600		170
175	42.4	147.7	3,900	3,600	3,300	3,100	44.9	140.6	4,100	3,800	3,500	3,300		175
180	40.3	141.4	3,500	3,300	3,100	2,800	42.7	133.9	3,700	3,500	3,200	3,000		180
185	38.1	134.6	3,200	3,000	2,800	2,600	40.3	126.7	3,400	3,100	2,900	2,700		185
190	35.8	127.3	2,900	2,700	2,500	2,300	37.9	118.8	3,100	2,800	2,600	2,400		190
195	33.4	119.2	2,500	2,400	2,200	2,100	35.2	110.1	2,700	2,500	2,400	2,200		195
200	30.7	110.2	2,100	2,000			32.3	100.3	2,200	2,100	2,000			200

MLC100-1 S-2

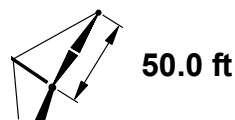
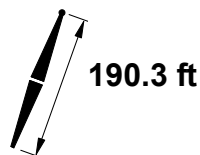
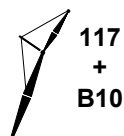


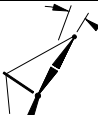
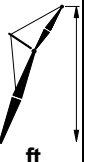
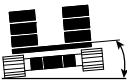
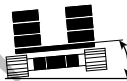
73,000 lb
+
23,100 lb



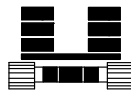
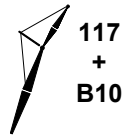
	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				 lb	 lb	 lb	 lb			 lb	 lb	 lb	 lb		
55	80.1	232.2	21,000											55	
60	78.8	231.0	20,900	16,600	12,500									60	
65	77.6	229.7	20,700	16,600	12,400	9,300	81.0	225.0	14,300					65	
70	76.3	228.3	20,700	16,600	12,400	9,300	79.7	223.6	13,900	12,300				70	
75	75.0	226.8	19,800	16,500	12,300	9,300	78.3	222.0	13,600	12,200	10,000			75	
80	73.7	225.1	17,900	16,400	12,300	9,200	77.0	220.3	13,200	12,200	10,000	7,500		80	
85	72.3	223.3	16,300	15,000	12,200	9,200	75.7	218.5	12,900	12,100	10,000	7,500		85	
90	71.0	221.4	14,900	13,700	12,100	9,100	74.3	216.5	12,600	12,100	10,000	7,500		90	
95	69.7	219.3	13,600	12,600	11,600	9,100	72.9	214.4	12,300	12,000	9,900	7,400		95	
100	68.3	217.1	12,500	11,600	10,700	9,100	71.5	212.2	12,100	11,900	9,900	7,400	100		
105	66.9	214.8	11,500	10,600	9,900	9,100	70.1	209.8	11,800	11,400	9,900	7,400	105		
110	65.6	212.3	10,600	9,800	9,100	8,400	68.7	207.2	11,300	10,500	9,800	7,400	110		
115	64.2	209.7	9,700	9,100	8,400	7,800	67.3	204.5	10,400	9,700	9,000	7,300	115		
120	62.7	206.9	9,000	8,400	7,800	7,200	65.8	201.6	9,600	8,900	8,300	7,300	120		
125	61.3	203.9	8,300	7,700	7,200	6,600	64.3	198.6	8,900	8,300	7,700	7,200	125		
130	59.8	200.8	7,700	7,100	6,600	6,100	62.8	195.3	8,200	7,600	7,100	6,600	130		
135	58.3	197.4	7,100	6,600	6,100	5,700	61.3	191.9	7,600	7,000	6,600	6,100	135		
140	56.8	193.9	6,500	6,100	5,600	5,200	59.7	188.3	7,000	6,500	6,100	5,600	140		
145	55.3	190.2	6,000	5,600	5,200	4,800	58.1	184.4	6,400	6,000	5,600	5,200	145		
150	53.7	186.2	5,500	5,200	4,800	4,400	56.5	180.4	5,900	5,500	5,100	4,800	150		
155	52.1	182.1	5,100	4,700	4,400	4,100	54.8	176.1	5,500	5,100	4,700	4,400	155		
160	50.4	177.6	4,700	4,400	4,000	3,700	53.1	171.5	5,000	4,700	4,300	4,000	160		
165	48.7	173.0	4,300	4,000	3,700	3,400	51.3	166.6	4,600	4,300	4,000	3,700	165		
170	47.0	168.0	3,900	3,600	3,400	3,100	49.5	161.4	4,200	3,900	3,600	3,300	170		
175	45.1	162.7	3,600	3,300	3,100	2,800	47.6	155.9	3,800	3,600	3,300	3,000	175		
180	43.3	157.0	3,300	3,000	2,800	2,500	45.7	150.0	3,500	3,200	3,000	2,700	180		
185	41.3	151.0	3,000	2,700	2,500	2,300	43.6	143.6	3,200	2,900	2,700	2,400	185		
190	39.3	144.5	2,700	2,400	2,200	2,000	41.5	136.7	2,800	2,600	2,400	2,200	190		
195	37.2	137.5	2,300	2,100	2,000		39.2	129.3	2,500	2,300	2,100		195		
200							36.8	121.1	2,100				200		

MLC100-1 S-2

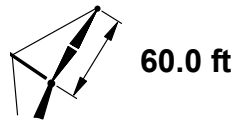
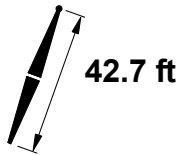


	 10°							 30°							
	 ft	 °	 ft					 °	 ft					 ft	
				0° 	1° 	2° 	3° 			0° 	1° 	2° 	3° 		
55	80.5	242.3	20,600											55	
60	79.3	241.1	20,400		15,000									60	
65	78.1	239.9	20,100		14,900	11,000								65	
70	76.8	238.6	19,900		14,900	10,900	8,200	80.1	233.8	14,100				70	
75	75.6	237.1	19,500		14,800	10,900	8,100	78.9	232.3	13,700	12,000	8,900		75	
80	74.4	235.5	17,600	14,800	10,900	8,100	77.6	230.7	13,400	11,900	8,800	6,500		80	
85	73.1	233.8	16,000	14,700	10,800	8,100	76.3	228.9	13,100	11,700	8,800	6,500		85	
90	71.8	232.0	14,600	13,400	10,800	8,100	75.0	227.0	12,800	11,500	8,800	6,500		90	
95	70.5	230.0	13,400	12,300	10,800	8,100	73.7	225.0	12,500	11,400	8,800	6,500		95	
100	69.3	227.9	12,200	11,300	10,400	8,100	72.4	222.9	12,200	11,200	8,800	6,500	100		
105	68.0	225.7	11,200	10,300	9,500	8,000	71.0	220.6	12,000	11,100	8,800	6,500	105		
110	66.6	223.3	10,300	9,500	8,800	8,000	69.7	218.2	11,000	10,200	8,800	6,500	110		
115	65.3	220.8	9,500	8,700	8,100	7,400	68.3	215.6	10,200	9,400	8,700	6,500	115		
120	64.0	218.1	8,700	8,000	7,400	6,800	66.9	212.9	9,400	8,700	8,000	6,500	120		
125	62.6	215.3	8,000	7,400	6,800	6,300	65.5	210.0	8,600	8,000	7,400	6,400	125		
130	61.2	212.4	7,400	6,800	6,300	5,800	64.1	207.0	7,900	7,400	6,800	6,300	130		
135	59.8	209.2	6,800	6,300	5,800	5,300	62.7	203.8	7,300	6,800	6,300	5,800	135		
140	58.4	205.9	6,200	5,800	5,300	4,900	61.2	200.4	6,700	6,200	5,800	5,300	140		
145	56.9	202.4	5,700	5,300	4,900	4,500	59.7	196.8	6,200	5,700	5,300	4,900	145		
150	55.4	198.7	5,300	4,900	4,500	4,100	58.2	193.0	5,700	5,300	4,900	4,500	150		
155	53.9	194.8	4,800	4,400	4,100	3,700	56.6	188.9	5,200	4,800	4,400	4,100	155		
160	52.4	190.7	4,400	4,100	3,700	3,400	55.0	184.7	4,800	4,400	4,100	3,700	160		
165	50.8	186.4	4,000	3,700	3,400	3,100	53.4	180.2	4,400	4,000	3,700	3,400	165		
170	49.2	181.8	3,700	3,300	3,000	2,800	51.7	175.4	4,000	3,600	3,300	3,000	170		
175	47.5	176.9	3,300	3,000	2,700	2,500	50.0	170.4	3,600	3,300	3,000	2,700	175		
180	45.8	171.7	3,000	2,700	2,500	2,200	48.2	165.0	3,200	3,000	2,700	2,400	180		
185	44.1	166.3	2,700	2,400	2,200		46.4	159.3	2,900	2,700	2,400	2,200	185		
190	42.2	160.4	2,400	2,200			44.5	153.1	2,600	2,400	2,100		190		
195	40.3	154.2	2,000				42.5	146.5	2,300	2,100			195		

MLC100-1 S-2

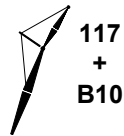


73,000 lb
+
23,100 lb

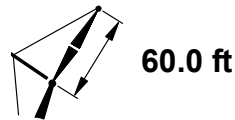
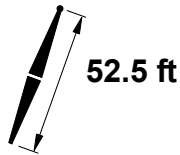


		10°						30°					
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
34	80.0	106.2	20,600	17,400									34
36	78.8	105.6	20,300	17,300									36
38	77.7	104.9	20,100	17,100	14,700								38
40	76.5	104.2	19,800	16,900	14,500	12,700							40
42	75.3	103.5	19,600	16,800	14,400	12,500							42
44	74.1	102.7	19,400	16,600	14,200	12,500							44
46	72.9	101.8	19,200	16,500	14,100	12,400							46
48	71.7	100.9	19,000	16,300	14,000	12,300							48
50	70.5	100.0	18,700	16,200	13,900	12,200	80.1	96.9	12,800				50
55	67.3	97.3	18,200	15,800	13,600	12,000	76.9	94.2	12,000	11,700	11,500	11,200	55
60	64.1	94.4	17,700	15,400	13,400	11,800	73.6	91.1	11,200	11,000	10,800	10,600	60
65	60.8	91.0	17,300	15,100	13,100	11,600	70.1	87.6	10,600	10,400	10,200	10,100	65
70	57.3	87.2	16,800	14,700	12,900	11,400	66.4	83.6	10,000	9,800	9,700	9,600	70
75	53.6	82.8	16,000	14,500	12,700	11,200	62.6	79.0	9,500	9,400	9,200	9,100	75
80	49.7	77.9	14,900	14,200	12,500	11,100	58.5	73.8	9,000	8,900	8,800	8,700	80
85	45.5	72.1	14,000	13,800	12,300	11,000	54.0	67.7	8,600	8,500	8,500	8,400	85
90	40.9	65.4	13,200	13,000	12,200	10,900	49.0	60.4	8,300	8,200	8,200	8,100	90
95	35.6	57.4	12,500	12,300	12,100	10,800	43.1	51.5	8,000	7,900	7,900	7,900	95
100	29.3	47.1	11,800	11,700	11,700	10,800	35.7	39.4	7,700	7,700	7,700	7,700	100
105	20.6	32.1	11,300	11,300	11,200	10,800							105

MLC100-1 S-2

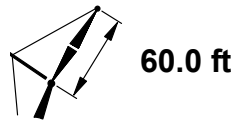
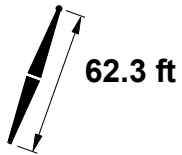
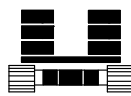


73,000 lb
+
23,100 lb



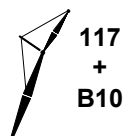
	10°							30°						
	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	°	ft	0° lb	1° lb	2° lb	3° lb
34	80.9	116.3	20,700											34
36	79.8	115.8	20,400		17,300									36
38	78.8	115.2	20,300		17,200	14,700								38
40	77.7	114.6	20,000		17,000	14,500	12,700							40
42	76.6	113.9	19,800		16,900	14,500	12,700							42
44	75.6	113.2	19,600		16,700	14,300	12,500							44
46	74.5	112.4	19,400		16,600	14,300	12,400							46
48	73.4	111.6	19,000		16,500	14,100	12,400							48
50	72.3	110.7	18,200		16,400	14,000	12,300							50
55	69.5	108.4	16,400		16,000	13,800	12,100	78.2	105.0	11,000	9,900	8,800		55
60	66.7	105.8	15,000		14,600	13,600	11,900	75.2	102.2	10,300	9,400	8,400	7,700	60
65	63.7	102.8	13,700		13,400	13,000	11,800	72.2	99.1	9,800	8,900	8,100	7,400	65
70	60.7	99.5	12,700		12,400	12,100	11,600	69.0	95.7	9,200	8,500	7,700	7,100	70
75	57.5	95.7	11,800		11,500	11,200	11,000	65.7	91.8	8,700	8,100	7,400	6,800	75
80	54.2	91.5	11,000		10,700	10,500	10,400	62.3	87.3	8,300	7,800	7,100	6,600	80
85	50.7	86.8	10,300		10,100	9,900	9,700	58.6	82.3	8,000	7,400	6,900	6,400	85
90	47.0	81.4	9,700		9,500	9,400	9,200	54.6	76.6	7,700	7,100	6,600	6,100	90
95	43.0	75.2	9,100		9,000	8,900	8,700	50.3	70.0	7,300	6,900	6,400	5,900	95
100	38.6	68.1	8,700		8,600	8,400	8,300	45.5	62.2	7,100	6,700	6,200	5,800	100
105	33.5	59.4	8,200		8,100	8,100	8,000	39.8	52.4	6,900	6,500	6,100	5,700	105
110	27.4	48.5	8,000		7,900	7,800	7,700	32.4	39.2	6,900	6,400	6,000	5,700	110

MLC100-1 S-2

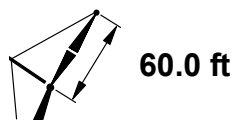
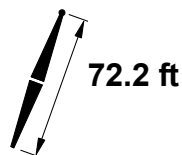


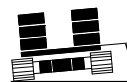
			10°				30°						
ft	°	ft	0° lb	1° lb	2° lb	3° lb	°	ft	0° lb	1° lb	2° lb	3° lb	ft
36	80.7	126.0	20,600										36
38	79.7	125.4	20,300	17,300									38
40	78.7	124.8	20,200	17,200	14,600								40
42	77.8	124.2	20,000	17,000	14,500	12,700							42
44	76.8	123.5	19,800	16,900	14,400	12,600							44
46	75.8	122.9	19,600	16,700	14,300	12,500							46
48	74.8	122.1	19,400	16,600	14,200	12,500							48
50	73.8	121.3	19,300	16,500	14,100	12,400							50
55	71.3	119.2	18,800	16,200	13,900	12,200	79.3	115.6	12,500	11,900			55
60	68.7	116.9	18,400	15,900	13,700	12,100	76.6	113.1	11,800	11,300	10,000	9,000	60
65	66.1	114.2	18,000	15,600	13,500	11,900	73.9	110.3	11,200	10,800	9,700	8,600	65
70	63.4	111.2	16,800	15,300	13,300	11,700	71.1	107.2	10,700	10,400	9,300	8,400	70
75	60.6	107.9	15,600	15,000	13,100	11,600	68.2	103.8	10,200	9,900	9,000	8,200	75
80	57.7	104.2	14,600	14,200	12,900	11,400	65.1	100.0	9,800	9,600	8,700	7,900	80
85	54.7	100.1	13,600	13,400	12,700	11,300	62.0	95.7	9,400	9,200	8,400	7,600	85
90	51.5	95.6	12,800	12,600	12,400	11,200	58.7	90.9	9,000	8,900	8,100	7,400	90
95	48.2	90.5	12,100	11,900	11,700	11,100	55.1	85.5	8,700	8,600	7,900	7,200	95
100	44.6	84.7	11,500	11,400	11,200	11,000	51.4	79.3	8,400	8,300	7,600	7,100	100
105	40.8	78.2	11,000	10,800	10,700	10,600	47.2	72.2	8,100	8,100	7,500	6,900	105
110	36.5	70.5	10,400	10,300	10,300	10,200	42.5	63.8	7,900	7,900	7,300	6,800	110
115	31.7	61.4	10,100	10,000	9,900	9,800	37.0	53.3	7,800	7,700	7,200	6,700	115
120	25.8	49.8	9,800	9,700	9,600	9,500	29.6	38.9	7,700	7,600	7,200	6,700	120

MLC100-1 S-2

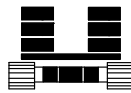
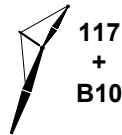


73,000 lb
+
23,100 lb

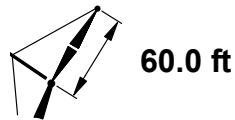
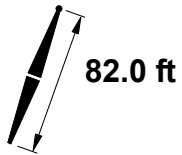


	10°							30°							
															
				0°  lb	1°  lb	2°  lb	3°  lb			0°  lb	1°  lb	2°  lb	3°  lb		
38	80.5	135.6	20,500											38	
40	79.6	135.0	20,300	17,200										40	
42	78.7	134.5	20,100	17,000	14,600									42	
44	77.8	133.8	19,900	17,000	14,500	12,600								44	
46	76.9	133.2	19,800	16,800	14,300	12,500								46	
48	76.0	132.5	19,600	16,700	14,200	12,500								48	
50	75.1	131.8	19,400	16,600	14,200	12,500								50	
55	72.8	129.9	19,000	16,300	14,000	12,200	80.2	126.0	12,800					55	
60	70.4	127.7	18,600	16,100	13,800	12,100	77.7	123.8	12,100	11,900	11,100	9,100		60	
65	68.0	125.3	18,300	15,800	13,600	11,900	75.3	121.3	11,500	11,300	10,800	9,100		65	
70	65.6	122.6	17,900	15,600	13,400	11,800	72.7	118.5	11,000	10,800	10,400	9,100		70	
75	63.1	119.6	17,600	15,300	13,300	11,700	70.1	115.4	10,500	10,400	10,200	9,100		75	
80	60.5	116.4	17,200	15,100	13,100	11,500	67.4	112.0	10,100	9,900	9,800	8,900		80	
85	57.8	112.7	16,800	14,800	12,900	11,400	64.7	108.2	9,700	9,600	9,400	8,600		85	
90	55.1	108.8	16,100	14,600	12,800	11,300	61.8	104.0	9,300	9,200	9,100	8,400		90	
95	52.2	104.3	15,200	14,400	12,700	11,300	58.7	99.4	9,000	8,900	8,800	8,200		95	
100	49.2	99.5	14,400	14,200	12,500	11,100	55.6	94.2	8,700	8,600	8,600	8,000		100	
105	46.0	94.0	13,700	13,500	12,400	11,000	52.2	88.4	8,500	8,400	8,300	7,900		105	
110	42.6	87.9	13,100	12,900	12,300	10,900	48.5	81.9	8,200	8,200	8,100	7,700		110	
115	38.9	80.9	12,500	12,100	11,800	10,900	44.5	74.3	8,000	8,000	7,900	7,600		115	
120	34.8	72.8	11,700	11,400	11,100	10,800	39.9	65.3	7,800	7,800	7,800	7,500		120	
125	30.1	63.2	11,000	10,800	10,500	10,200	34.5	54.1	7,700	7,700	7,700	7,500		125	
130	24.4	50.9	10,400	10,100	9,900	9,700								130	

MLC100-1 S-2

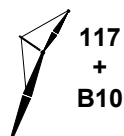


73,000 lb
+
23,100 lb

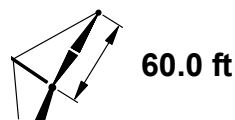
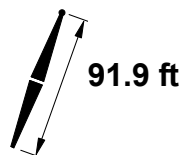


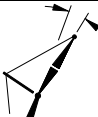
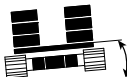
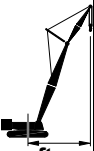
			10°				30°						
			0°	1°	2°	3°	0°	1°	2°	3°			
			lb	lb	lb	lb	lb	lb	lb	lb			
40	80.3	145.2	20,400	17,100							40		
42	79.5	144.6	20,200	17,000							42		
44	78.7	144.1	20,100	17,000	14,400						44		
46	77.8	143.5	19,900	16,900	14,400	12,600					46		
48	77.0	142.9	19,700	16,800	14,300	12,500					48		
50	76.2	142.2	19,600	16,700	14,200	12,400					50		
55	74.0	140.4	19,200	16,400	14,000	12,300	80.9	136.4	13,000		55		
60	71.9	138.4	18,800	16,200	13,900	12,100	78.7	134.3	12,300	12,100	60		
65	69.7	136.2	18,500	15,900	13,700	12,000	76.4	132.0	11,800	11,500	65		
70	67.4	133.8	18,200	15,700	13,600	11,900	74.1	129.5	11,300	11,100	70		
75	65.1	131.1	17,800	15,500	13,400	11,800	71.7	126.7	10,800	10,600	75		
80	62.8	128.1	17,500	15,300	13,300	11,700	69.3	123.6	10,400	10,200	80		
85	60.4	124.8	17,100	15,000	13,100	11,600	66.8	120.2	10,000	9,900	85		
90	57.9	121.3	16,800	14,800	12,900	11,400	64.2	116.5	9,600	9,500	90		
95	55.4	117.4	16,100	14,700	12,800	11,400	61.6	112.4	9,300	9,200	95		
100	52.7	113.1	15,000	14,400	12,700	11,200	58.8	107.9	9,000	8,900	100		
105	50.0	108.3	14,000	13,500	12,500	11,100	55.9	102.9	8,700	8,700	105		
110	47.1	103.1	13,100	12,600	12,200	11,100	52.8	97.4	8,500	8,400	110		
115	44.0	97.4	12,200	11,800	11,400	11,000	49.6	91.3	8,300	8,200	115		
120	40.7	90.9	11,500	11,100	10,800	10,400	46.0	84.3	8,100	8,000	120		
125	37.2	83.5	10,800	10,500	10,100	9,800	42.1	76.2	7,900	7,900	125		
130	33.2	75.0	10,100	9,800	9,600	9,300	37.7	66.7	7,800	7,700	130		
135	28.7	64.9	9,500	9,300	9,000	8,800	32.3	54.8	7,700	7,700	135		
140	23.1	52.0	9,000	8,700	8,500	8,300					140		

MLC100-1 S-2

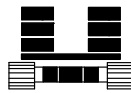


73,000 lb
+
23,100 lb

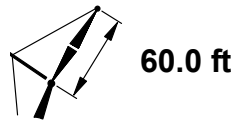
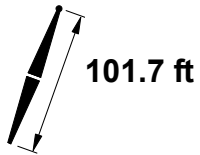


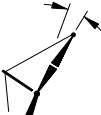
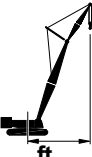
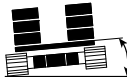
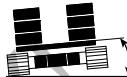
	 10°							 30°							
															
				0° 	1° 	2° 	3° 			0° 	1° 	2° 	3° 		
	ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft	
40	81.0		155.3	20,300										40	
42	80.2		154.8	20,200										42	
44	79.4		154.3	20,100	17,000									44	
46	78.6		153.7	19,900	16,900	14,400								46	
48	77.9		153.1	19,800	16,800	14,300	12,500							48	
50	77.1		152.5	19,700	16,700	14,300	12,400							50	
55	75.1		150.9	19,300	16,500	14,100	12,300							55	
60	73.1		149.0	19,000	16,200	13,900	12,200	79.5	144.8	12,500	12,300			60	
65	71.1		147.0	18,700	16,000	13,800	12,000	77.4	142.7	12,000	11,800	10,400	8,600	65	
70	69.0		144.7	18,400	15,800	13,600	11,900	75.3	140.3	11,500	11,300	10,400	8,600	70	
75	66.9		142.2	18,100	15,600	13,500	11,900	73.1	137.7	11,100	10,900	10,300	8,600	75	
80	64.8		139.5	17,800	15,400	13,300	11,700	70.9	134.9	10,600	10,500	10,300	8,600	80	
85	62.6		136.5	17,400	15,200	13,200	11,600	68.6	131.8	10,300	10,100	10,000	8,600	85	
90	60.3		133.3	17,100	15,000	13,000	11,500	66.3	128.5	9,900	9,800	9,600	8,600	90	
95	58.0		129.8	15,900	14,800	12,900	11,400	63.9	124.8	9,600	9,500	9,300	8,600	95	
100	55.7		125.9	14,800	14,200	12,800	11,300	61.4	120.8	9,300	9,200	9,100	8,600	100	
105	53.2		121.7	13,800	13,200	12,600	11,200	58.9	116.4	9,000	8,900	8,800	8,600	105	
110	50.7		117.2	12,900	12,400	11,900	11,100	56.2	111.6	8,800	8,700	8,600	8,500	110	
115	48.0		112.2	12,000	11,600	11,200	10,800	53.4	106.3	8,500	8,500	8,400	8,300	115	
120	45.2		106.7	11,300	10,900	10,500	10,200	50.4	100.5	8,300	8,300	8,200	8,200	120	
125	42.3		100.6	10,600	10,200	9,900	9,600	47.2	94.0	8,100	8,100	8,000	8,000	125	
130	39.1		93.7	10,000	9,600	9,300	9,000	43.8	86.6	8,000	7,900	7,900	7,900	130	
135	35.6		86.0	9,400	9,100	8,800	8,500	40.0	78.1	7,800	7,800	7,800	7,700	135	
140	31.8		77.1	8,800	8,600	8,300	8,100	35.7	68.1	7,700	7,700	7,700	7,700	140	
145	27.4		66.5	8,300	8,100	7,900	7,600	30.4	55.5	7,700	7,600	7,600	7,600	145	
150	22.0		53.0	7,700	7,600	7,400	7,200							150	

MLC100-1 S-2

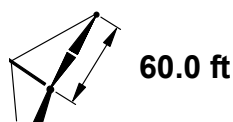
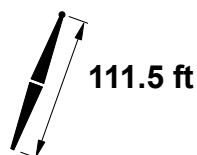
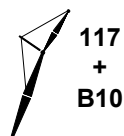


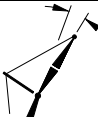
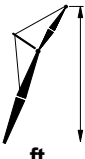
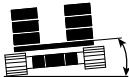
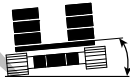
73,000 lb
+
23,100 lb



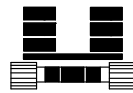
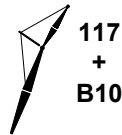
	 10°							 30°							
															
				0°	1°	2°	3°			0°	1°	2°	3°		
42	80.8	164.9	20,200											42	
44	80.1	164.4	20,100											44	
46	79.4	163.9	20,000	16,900										46	
48	78.6	163.3	19,800	16,800	14,300									48	
50	77.9	162.8	19,700	16,700	14,200	12,400								50	
55	76.0	161.2	19,400	16,500	14,000	12,300								55	
60	74.2	159.5	19,100	16,300	13,900	12,100	80.2	155.1	12,700					60	
65	72.3	157.6	18,800	16,100	13,800	12,100	78.2	153.2	12,200	12,000	10,100			65	
70	70.4	155.5	18,500	15,900	13,700	11,900	76.3	151.0	11,700	11,500	10,100	8,400		70	
75	68.4	153.2	18,300	15,700	13,500	11,800	74.3	148.6	11,300	11,100	10,100	8,300		75	
80	66.5	150.7	18,000	15,500	13,400	11,700	72.2	146.0	10,900	10,700	10,100	8,300		80	
85	64.4	148.0	17,600	15,300	13,300	11,700	70.1	143.2	10,500	10,300	10,100	8,300		85	
90	62.4	145.0	16,900	15,200	13,100	11,600	68.0	140.1	10,200	10,000	9,900	8,300		90	
95	60.3	141.8	15,700	14,900	13,000	11,500	65.8	136.8	9,800	9,700	9,600	8,300		95	
100	58.1	138.3	14,500	13,900	12,900	11,400	63.6	133.2	9,600	9,400	9,300	8,300	100		
105	55.9	134.5	13,500	12,900	12,400	11,300	61.3	129.2	9,300	9,200	9,100	8,300	105		
110	53.6	130.4	12,600	12,100	11,600	11,100	58.9	124.9	9,000	8,900	8,800	8,300	110		
115	51.3	125.9	11,800	11,300	10,900	10,400	56.4	120.3	8,800	8,700	8,600	8,300	115		
120	48.8	121.1	11,000	10,600	10,200	9,800	53.8	115.2	8,600	8,500	8,400	8,300	120		
125	46.3	115.8	10,300	10,000	9,600	9,200	51.1	109.6	8,400	8,300	8,200	8,200	125		
130	43.6	110.0	9,700	9,400	9,000	8,700	48.2	103.4	8,200	8,100	8,100	8,000	130		
135	40.7	103.6	9,100	8,800	8,500	8,200	45.2	96.5	8,000	8,000	7,900	7,900	135		
140	37.6	96.5	8,600	8,300	8,000	7,700	41.8	88.8	7,900	7,900	7,800	7,800	140		
145	34.3	88.4	8,000	7,800	7,500	7,300	38.1	79.9	7,800	7,800	7,700	7,500	145		
150	30.5	79.1	7,600	7,300	7,100	6,900	33.9	69.3	7,700	7,500	7,200	7,000	150		
155	26.2	68.0	7,100	6,900	6,700	6,500							155		
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MLC100-1 S-2

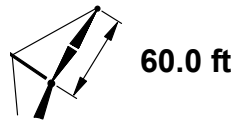
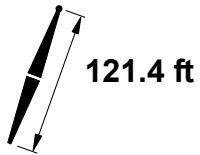


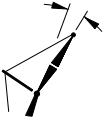
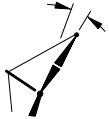
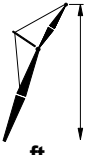
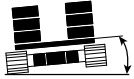
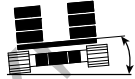
	 10°							 30°							
	 ft	 °	 ft					 °	 ft						
				 lb	 lb	 lb	 lb			 lb	 lb	 lb	 lb		
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46	80.0		174.0	20,000	16,800									46	
48	79.3		173.5	19,800	16,700									48	
50	78.6		173.0	19,700	16,700	14,200								50	
55	76.9		171.5	19,500	16,500	14,100	12,200							55	
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65	73.4	168.1		18,900	16,100	13,800	12,000	79.0	163.6	12,400	12,100	9,900		65	
70	71.6	166.2		18,600	15,900	13,600	12,000	77.1	161.6	11,900	11,700	9,800	8,100	70	
75	69.8	164.0		18,400	15,800	13,500	11,900	75.3	159.4	11,500	11,300	9,800	8,100	75	
80	67.9	161.7		18,200	15,600	13,500	11,800	73.4	156.9	11,100	10,900	9,800	8,100	80	
85	66.1	159.2		17,800	15,400	13,300	11,700	71.4	154.3	10,700	10,600	9,800	8,100	85	
90	64.2	156.4		16,700	15,300	13,200	11,600	69.5	151.5	10,400	10,200	9,800	8,100	90	
95	62.2	153.4		15,400	14,600	13,000	11,500	67.5	148.4	10,100	9,900	9,800	8,100	95	
100	60.2	150.2		14,300	13,600	13,000	11,500	65.4	145.1	9,800	9,700	9,500	8,100	100	
105	58.2	146.8		13,300	12,700	12,100	11,400	63.3	141.5	9,500	9,400	9,300	8,100	105	
110	56.1	143.0		12,400	11,800	11,300	10,800	61.2	137.6	9,300	9,200	9,000	8,100	110	
115	54.0	139.0		11,600	11,100	10,600	10,100	58.9	133.4	9,000	8,900	8,800	8,100	115	
120	51.8	134.7		10,800	10,300	9,900	9,500	56.6	128.9	8,800	8,700	8,600	8,100	120	
125	49.5	130.0		10,100	9,700	9,300	8,900	54.2	124.0	8,600	8,500	8,500	8,100	125	
130	47.1	124.9		9,500	9,100	8,700	8,400	51.7	118.6	8,400	8,300	8,300	8,100	130	
135	44.7	119.3		8,900	8,500	8,200	7,900	49.1	112.7	8,200	8,200	8,100	8,100	135	
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150	36.3	99.1		7,300	7,100	6,800	6,600	40.1	90.9	7,500	7,300	7,000	6,800	150	
155	33.0	90.7		6,900	6,700	6,400	6,200	36.4	81.6	7,000	6,800	6,600	6,400	155	
160	29.4	81.0		6,500	6,300	6,100	5,900	32.3	70.5	6,600	6,400	6,200	6,000	160	
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MLC100-1 S-2

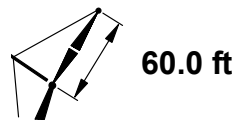
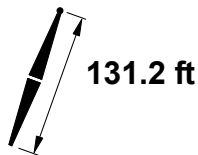


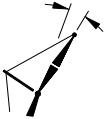
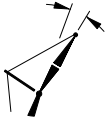
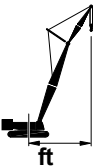
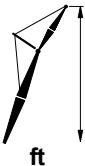
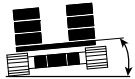
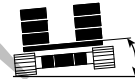
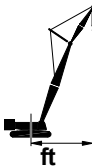
73,000 lb
+
23,100 lb



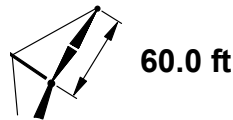
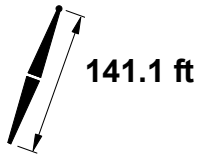
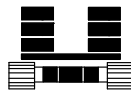
	 10°							 30°											
																			
				ft	°	ft	lb			lb	lb	lb	ft			lb	lb	lb	lb
46	80.5	184.1	19,900											46					
48	79.9	183.6	19,800	16,700										48					
50	79.2	183.1	19,700	16,600										50					
55	77.6	181.8	19,500	16,500	14,000	12,200								55					
60	76.0	180.3	19,200	16,300	13,900	12,100								60					
65	74.3	178.6	18,900	16,100	13,700	12,000	79.6	173.9	12,600	12,100				65					
70	72.6	176.7	18,700	16,000	13,600	11,900	77.9	172.0	12,100	11,900	9,700	8,000		70					
75	70.9	174.7	18,500	15,800	13,600	11,900	76.1	170.0	11,700	11,500	9,600	8,000		75					
80	69.2	172.5	18,300	15,600	13,500	11,800	74.4	167.7	11,300	11,100	9,600	8,000		80					
85	67.5	170.2	17,800	15,400	13,400	11,700	72.6	165.3	10,900	10,800	9,600	8,000		85					
90	65.7	167.6	16,400	15,300	13,200	11,600	70.8	162.6	10,600	10,400	9,600	8,000		90					
95	63.9	164.9	15,200	14,300	13,100	11,500	68.9	159.8	10,300	10,100	9,500	8,000		95					
100	62.1	161.9	14,000	13,300	12,600	11,500	67.0	156.7	10,000	9,900	9,500	8,000		100					
105	60.2	158.7	13,000	12,400	11,800	11,200	65.1	153.4	9,700	9,600	9,500	8,000		105					
110	58.3	155.3	12,100	11,500	11,000	10,400	63.1	149.9	9,500	9,400	9,200	8,000		110					
115	56.3	151.6	11,300	10,800	10,200	9,700	61.1	146.0	9,200	9,100	9,000	8,000		115					
120	54.3	147.6	10,500	10,100	9,600	9,100	59.0	141.9	9,000	8,900	8,800	8,000		120					
125	52.3	143.4	9,800	9,400	9,000	8,600	56.8	137.5	8,800	8,700	8,600	8,000		125					
130	50.1	138.8	9,200	8,800	8,400	8,000	54.6	132.7	8,600	8,500	8,500	8,000		130					
135	47.9	133.9	8,600	8,200	7,900	7,500	52.3	127.5	8,500	8,400	8,200	7,900		135					
140	45.6	128.5	8,100	7,700	7,400	7,100	49.8	121.9	8,300	8,100	7,700	7,400		140					
145	43.2	122.7	7,600	7,300	7,000	6,700	47.3	115.7	7,800	7,500	7,200	6,900		145					
150	40.6	116.4	7,100	6,800	6,500	6,300	44.5	108.9	7,300	7,100	6,800	6,500		150					
155	37.9	109.4	6,600	6,400	6,100	5,900	41.6	101.4	6,900	6,600	6,300	6,100		155					
160	35.0	101.6	6,200	6,000	5,800	5,500	38.5	92.9	6,400	6,200	5,900	5,700		160					
165	31.9	92.9	5,800	5,600	5,400	5,200	34.9	83.2	6,000	5,700	5,500	5,300		165					
170	28.3	82.8	5,500	5,300	5,100	4,900	30.9	71.6	5,500	5,400	5,200	5,000		170					
175	24.2	70.8	5,100	4,900	4,800	4,600								175					

MLC100-1 S-2



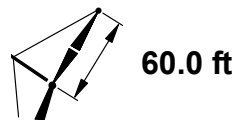
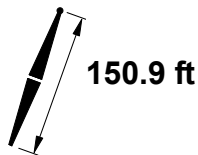
	 10°							 30°								
	 ft	 °	 ft					 °	 ft					 ft		
				 lb	 lb	 lb	 lb			 lb	 lb	 lb	 lb			 lb
48	80.4	193.7	19,700											48		
50	79.8	193.3	19,600		16,500									50		
55	78.3	192.0	19,400		16,300	13,900								55		
60	76.7	190.5	19,200		16,200	13,800	12,000							60		
65	75.1	189.0	18,900		16,100	13,700	12,000	80.2	184.2	12,700				65		
70	73.6	187.2	18,800	16,000	13,600	11,900	78.6	182.5	12,300	11,800	9,400			70		
75	72.0	185.3	18,500	15,800	13,500	11,800	76.9	180.5	11,900	11,600	9,400	7,800		75		
80	70.3	183.3	18,300	15,600	13,400	11,700	75.3	178.4	11,500	11,300	9,400	7,800		80		
85	68.7	181.1	17,600	15,500	13,300	11,700	73.6	176.1	11,100	10,900	9,300	7,800		85		
90	67.1	178.7	16,200	15,200	13,200	11,600	71.9	173.6	10,800	10,600	9,300	7,800		90		
95	65.4	176.1	15,000	14,100	13,100	11,500	70.1	171.0	10,500	10,300	9,300	7,800		95		
100	63.7	173.3	13,800	13,100	12,300	11,400	68.4	168.1	10,200	10,100	9,300	7,800		100		
105	61.9	170.3	12,800	12,100	11,500	10,900	66.6	165.1	9,900	9,800	9,300	7,800		105		
110	60.2	167.2	11,900	11,300	10,700	10,100	64.8	161.8	9,700	9,600	9,300	7,800		110		
115	58.4	163.8	11,100	10,500	10,000	9,500	62.9	158.3	9,500	9,300	9,200	7,800		115		
120	56.5	160.1	10,300	9,800	9,300	8,800	61.0	154.5	9,200	9,100	9,000	7,800		120		
125	54.6	156.2	9,600	9,200	8,700	8,300	59.0	150.4	9,000	8,900	8,800	7,800		125		
130	52.7	152.1	9,000	8,600	8,200	7,800	57.0	146.1	8,800	8,700	8,600	7,800		130		
135	50.7	147.6	8,400	8,000	7,600	7,300	54.9	141.4	8,700	8,400	8,000	7,700		135		
140	48.6	142.8	7,900	7,500	7,200	6,800	52.7	136.4	8,200	7,900	7,500	7,200		140		
145	46.4	137.6	7,400	7,000	6,700	6,400	50.5	130.9	7,700	7,400	7,000	6,700		145		
150	44.2	132.0	6,900	6,600	6,300	6,000	48.1	125.0	7,200	6,900	6,600	6,300		150		
155	41.8	125.9	6,500	6,200	5,900	5,600	45.6	118.6	6,700	6,400	6,100	5,900		155		
160	39.4	119.3	6,000	5,800	5,500	5,300	42.9	111.5	6,300	6,000	5,700	5,500		160		
165	36.7	112.1	5,600	5,400	5,200	5,000	40.1	103.7	5,800	5,600	5,400	5,100		165		
170	33.9	104.0	5,300	5,100	4,900	4,600	37.0	94.9	5,400	5,200	5,000	4,800		170		
175	30.8	95.0	4,900	4,700	4,500	4,300	33.5	84.7	5,000	4,800	4,700	4,500		175		
180	27.4	84.5	4,600	4,400	4,200	4,100	29.5	72.7	4,700	4,500	4,300	4,100		180		
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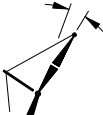
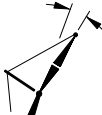
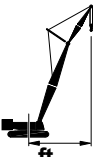
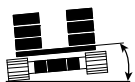
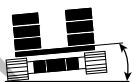
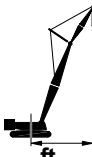
MLC100-1 S-2



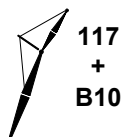
			10°				30°						
			0°	1°	2°	3°							
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
48	80.9	203.8	19,600										48
50	80.3	203.4	19,500										50
55	78.9	202.1	19,300	16,200	13,800								55
60	77.4	200.8	19,100	16,100	13,700	11,700							60
65	75.9	199.3	18,900	16,000	13,600	11,600							65
70	74.4	197.6	18,700	15,900	13,500	11,600	80.7	194.5	12,900				70
75	72.9	195.9	18,500	15,800	13,500	11,600	79.2	192.8	12,400	11,500			75
80	71.4	193.9	18,400	15,600	13,300	11,600	77.6	191.0	12,000	11,400	9,300	7,700	80
85	69.8	191.8	17,400	15,500	13,300	11,600	76.1	189.0	11,700	11,300	9,200	7,700	85
90	68.3	189.6	16,000	14,900	13,200	11,600	74.5	186.8	11,300	11,100	9,200	7,700	90
95	66.7	187.1	14,700	13,800	13,000	11,500	72.9	184.5	11,000	10,800	9,200	7,700	95
100	65.1	184.6	13,600	12,800	12,000	11,300	71.2	182.0	10,700	10,500	9,100	7,700	100
105	63.5	181.8	12,600	11,800	11,200	10,500	69.6	179.3	10,400	10,200	9,100	7,700	105
110	61.8	178.8	11,700	11,000	10,400	9,800	67.9	176.5	10,100	10,000	9,100	7,700	110
115	60.1	175.6	10,800	10,200	9,700	9,100	66.2	173.4	9,900	9,800	9,100	7,700	115
120	58.4	172.3	10,100	9,500	9,000	8,500	64.5	170.1	9,700	9,500	9,100	7,700	120
125	56.7	168.7	9,400	8,900	8,400	8,000	62.7	166.6	9,400	9,300	9,100	7,700	125
130	54.9	164.8	8,800	8,300	7,900	7,400	60.9	162.9	9,200	9,100	8,900	7,700	130
135	53.0	160.7	8,200	7,700	7,300	6,900	59.0	158.9	9,000	8,800	8,300	7,700	135
140	51.1	156.3	7,600	7,200	6,900	6,500	57.1	154.7	8,600	8,200	7,800	7,400	140
145	49.2	151.6	7,100	6,800	6,400	6,100	55.1	150.1	8,000	7,600	7,300	6,900	145
150	47.2	146.6	6,600	6,300	6,000	5,700	53.1	145.2	7,500	7,100	6,800	6,400	150
155	45.1	141.2	6,200	5,900	5,600	5,300	51.0	139.9	7,000	6,600	6,300	6,000	155
160	42.9	135.4	5,800	5,500	5,200	5,000	48.8	134.2	6,500	6,200	5,900	5,600	160
165	40.6	129.1	5,400	5,100	4,900	4,600	46.5	128.1	6,100	5,800	5,500	5,200	165
170	38.2	122.2	5,000	4,800	4,600	4,300	44.1	121.4	5,600	5,400	5,100	4,900	170
175	35.6	114.7	4,700	4,500	4,200	4,000	41.5	114.0	5,200	5,000	4,800	4,500	175
180	32.9	106.4	4,300	4,100	4,000	3,800	38.7	105.9	4,900	4,600	4,400	4,200	180
185	29.8	97.0	4,000	3,900	3,700	3,500	35.7	96.7	4,500	4,300	4,100	3,900	185
190	26.5	86.2	3,600	3,500	3,400	3,200	32.3	86.2	4,100	4,000	3,800	3,600	190
195	22.5	73.2	3,100	3,000	2,900	2,900							195

MLC100-1 S-2

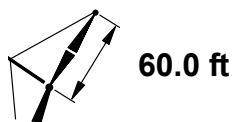
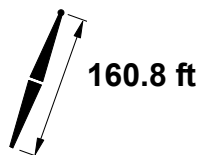


	 10°							 30°							
															
				0° 	1° 	2° 	3° 			0° 	1° 	2° 	3° 		
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft		
50	80.8	213.4	19,400										50		
55	79.4	212.3	19,200	16,200									55		
60	78.0	211.0	19,000	16,000	13,500	10,700							60		
65	76.6	209.6	18,800	15,900	13,500	10,700							65		
70	75.2	208.0	18,700	15,800	13,400	10,700	79.7	203.1	12,600	11,200			70		
75	73.7	206.3	18,400	15,700	13,400	10,700	78.2	201.4	12,200	11,200			75		
80	72.3	204.5	18,300	15,500	13,300	10,700	76.8	199.5	11,800	11,100	9,100	7,500	80		
85	70.8	202.5	17,100	15,400	13,200	10,700	75.3	197.4	11,500	11,100	9,000	7,500	85		
90	69.4	200.4	15,700	14,700	13,100	10,700	73.8	195.3	11,200	11,000	9,000	7,500	90		
95	67.9	198.1	14,500	13,500	12,600	10,700	72.2	192.9	10,900	10,700	9,000	7,500	95		
100	66.4	195.6	13,400	12,500	11,700	10,700	70.7	190.4	10,600	10,400	9,000	7,500	100		
105	64.8	193.0	12,300	11,600	10,900	10,200	69.1	187.7	10,300	10,200	9,000	7,500	105		
110	63.3	190.2	11,400	10,700	10,100	9,500	67.5	184.8	10,100	9,900	8,900	7,500	110		
115	61.7	187.3	10,600	10,000	9,400	8,800	65.9	181.8	9,800	9,700	8,900	7,500	115		
120	60.1	184.1	9,800	9,300	8,700	8,200	64.2	178.5	9,600	9,500	8,900	7,500	120		
125	58.5	180.8	9,200	8,600	8,100	7,600	62.5	175.0	9,400	9,200	8,700	7,500	125		
130	56.8	177.2	8,500	8,000	7,600	7,100	60.8	171.3	9,000	8,600	8,100	7,500	130		
135	55.1	173.4	7,900	7,500	7,100	6,600	59.1	167.4	8,400	8,000	7,500	7,100	135		
140	53.4	169.3	7,400	7,000	6,600	6,200	57.2	163.2	7,800	7,400	7,000	6,600	140		
145	51.6	165.0	6,900	6,500	6,100	5,800	55.4	158.7	7,300	6,900	6,500	6,200	145		
150	49.7	160.5	6,400	6,100	5,700	5,400	53.5	154.0	6,800	6,400	6,100	5,700	150		
155	47.8	155.6	6,000	5,600	5,300	5,000	51.5	148.8	6,300	6,000	5,700	5,300	155		
160	45.9	150.3	5,600	5,200	5,000	4,700	49.4	143.3	5,900	5,600	5,300	5,000	160		
165	43.8	144.7	5,200	4,900	4,600	4,300	47.3	137.4	5,400	5,200	4,900	4,600	165		
170	41.7	138.7	4,800	4,500	4,300	4,000	45.0	131.0	5,000	4,800	4,500	4,300	170		
175	39.5	132.1	4,500	4,200	4,000	3,800	42.7	124.1	4,700	4,400	4,200	4,000	175		
180	37.1	125.0	4,100	3,900	3,700	3,500	40.1	116.4	4,300	4,100	3,900	3,700	180		
185	34.6	117.2	3,800	3,600	3,400	3,200	37.4	108.0	4,000	3,800	3,600	3,400	185		
190	31.9	108.6	3,500	3,300	3,100	3,000	34.4	98.5	3,600	3,500	3,300	3,100	190		
195	28.9	98.9	3,100	3,000	2,900	2,700	31.1	87.6	3,200	3,100	3,000	2,800	195		
200	25.6	87.7	2,700	2,600	2,500	2,400							200		
205	21.8	74.4	2,100	2,000	2,000								205		

MLC100-1 S-2

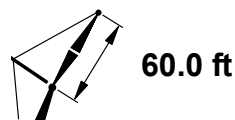
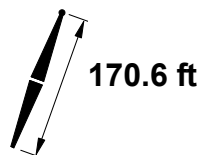
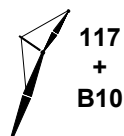


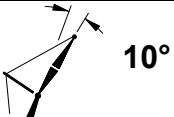
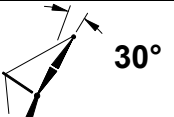
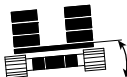
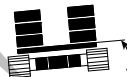
73,000 lb
+
23,100 lb

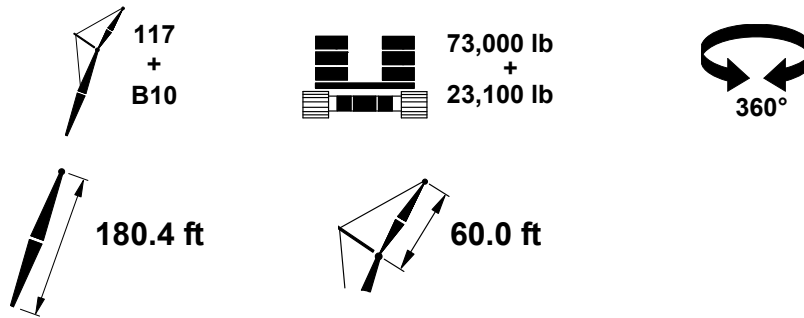


			10°				30°						
			0°	1°	2°	3°	0°	1°	2°	3°			
ft	°	ft	lb	lb	lb	lb	°	ft	lb	lb	lb	lb	ft
55	79.9	222.4	19,000	16,000									55
60	78.5	221.2	18,900	15,800									60
65	77.2	219.8	18,600	15,700	12,700	9,700							65
70	75.8	218.3	18,400	15,700	12,700	9,700	80.2	213.3	12,700				70
75	74.5	216.7	18,200	15,600	12,700	9,700	78.8	211.7	12,300	11,000	8,900		75
80	73.1	215.0	17,900	15,500	12,700	9,700	77.4	209.9	12,000	10,900	8,900	7,400	80
85	71.7	213.1	16,900	15,300	12,700	9,700	76.0	208.0	11,600	10,900	8,900	7,400	85
90	70.3	211.1	15,500	14,400	12,700	9,700	74.6	205.9	11,300	10,800	8,900	7,400	90
95	68.9	208.9	14,200	13,200	12,300	9,700	73.1	203.7	11,000	10,700	8,800	7,400	95
100	67.5	206.6	13,100	12,200	11,400	9,700	71.6	201.3	10,800	10,600	8,800	7,400	100
105	66.0	204.1	12,100	11,300	10,500	9,700	70.2	198.8	10,500	10,300	8,800	7,400	105
110	64.6	201.5	11,200	10,400	9,800	9,100	68.7	196.1	10,300	10,100	8,800	7,400	110
115	63.1	198.7	10,300	9,700	9,100	8,500	67.1	193.2	10,000	9,900	8,800	7,400	115
120	61.6	195.7	9,600	9,000	8,400	7,900	65.6	190.1	9,800	9,600	8,800	7,400	120
125	60.1	192.6	8,900	8,300	7,800	7,300	64.0	186.9	9,500	9,300	8,400	7,400	125
130	58.5	189.2	8,300	7,700	7,300	6,800	62.4	183.5	8,800	8,300	7,800	7,300	130
135	56.9	185.7	7,700	7,200	6,700	6,300	60.8	179.8	8,200	7,700	7,300	6,800	135
140	55.3	181.9	7,100	6,700	6,300	5,900	59.1	175.9	7,600	7,200	6,700	6,300	140
145	53.6	178.0	6,600	6,200	5,800	5,500	57.4	171.8	7,100	6,700	6,300	5,900	145
150	52.0	173.7	6,100	5,800	5,400	5,100	55.6	167.4	6,600	6,200	5,800	5,500	150
155	50.2	169.2	5,700	5,400	5,000	4,700	53.8	162.7	6,100	5,700	5,400	5,100	155
160	48.4	164.5	5,300	5,000	4,700	4,400	51.9	157.7	5,600	5,300	5,000	4,700	160
165	46.6	159.4	4,900	4,600	4,300	4,000	50.0	152.4	5,200	4,900	4,600	4,300	165
170	44.7	153.9	4,500	4,300	4,000	3,700	48.0	146.7	4,800	4,500	4,300	4,000	170
175	42.7	148.1	4,200	3,900	3,700	3,400	45.9	140.5	4,500	4,200	3,900	3,700	175
180	40.6	141.8	3,900	3,600	3,400	3,200	43.7	133.9	4,100	3,900	3,600	3,400	180
185	38.4	135.1	3,600	3,300	3,100	2,900	41.4	126.7	3,800	3,500	3,300	3,100	185
190	36.1	127.7	3,300	3,100	2,900	2,700	38.9	118.8	3,400	3,200	3,000	2,800	190
195	33.7	119.7	2,900	2,700	2,600	2,400	36.2	110.0	3,100	2,900	2,700	2,600	195
200	31.0	110.8	2,400	2,300	2,300	2,200	33.3	100.2	2,700	2,500	2,400	2,300	200
205	28.1	100.8	2,000	2,000			30.0	88.9	2,200	2,100	2,000	2,000	205

MLC100-1 S-2



	 10°							 30°								
																
				ft	°	ft	lb			lb	lb	lb	ft			°
55	80.3	232.5	18,500													55
60	79.0	231.3	18,300		15,500											60
65	77.8	230.0	18,100		15,500	11,700	8,800									65
70	76.5	228.6	17,800		15,500	11,700	8,800	80.6	223.6	12,800						70
75	75.2	227.0	17,600		15,400	11,600	8,800	79.3	222.0	12,500	10,800					75
80	73.9	225.4	17,400	15,300	11,600	8,800	78.0	220.3	12,100	10,600	8,700	6,800				80
85	72.5	223.6	16,700	15,200	11,600	8,800	76.6	218.4	11,800	10,600	8,700	6,800	6,800			85
90	71.2	221.7	15,300	14,100	11,600	8,700	75.3	216.5	11,500	10,500	8,600	6,800	6,800			90
95	69.9	219.6	14,000	13,000	11,600	8,700	73.9	214.4	11,200	10,500	8,600	6,800	6,800			95
100	68.5	217.4	12,900	11,900	11,100	8,700	72.5	212.1	10,900	10,400	8,600	6,800	6,800			100
105	67.2	215.1	11,900	11,000	10,200	8,700	71.1	209.7	10,700	10,400	8,600	6,800	6,800			105
110	65.8	212.6	11,000	10,200	9,500	8,700	69.7	207.2	10,400	10,300	8,600	6,800	6,800			110
115	64.4	210.0	10,100	9,400	8,800	8,200	68.2	204.5	10,200	10,000	8,600	6,800	6,800			115
120	62.9	207.2	9,400	8,700	8,100	7,600	66.8	201.6	10,000	9,400	8,600	6,800	6,800			120
125	61.5	204.2	8,700	8,100	7,500	7,000	65.3	198.5	9,300	8,700	8,200	6,800	6,800			125
130	60.0	201.1	8,000	7,500	7,000	6,500	63.8	195.3	8,700	8,100	7,600	6,800	6,800			130
135	58.6	197.7	7,500	7,000	6,500	6,000	62.3	191.9	8,000	7,500	7,000	6,600	6,600			135
140	57.0	194.2	6,900	6,500	6,000	5,600	60.7	188.2	7,400	7,000	6,500	6,100	6,100			140
145	55.5	190.5	6,400	6,000	5,600	5,200	59.1	184.4	6,900	6,500	6,000	5,700	5,700			145
150	53.9	186.6	5,900	5,500	5,200	4,800	57.5	180.3	6,400	6,000	5,600	5,200	5,200			150
155	52.3	182.4	5,500	5,100	4,800	4,400	55.8	176.0	5,900	5,500	5,200	4,800	4,800			155
160	50.6	178.0	5,100	4,700	4,400	4,100	54.1	171.4	5,500	5,100	4,800	4,400	4,500			160
165	48.9	173.3	4,700	4,400	4,100	3,800	52.3	166.5	5,100	4,700	4,400	4,100	4,100			165
170	47.2	168.3	4,300	4,000	3,800	3,500	50.5	161.4	4,700	4,400	4,100	3,800	3,800			170
175	45.4	163.1	4,000	3,700	3,400	3,200	48.6	155.8	4,300	4,000	3,700	3,500	3,500			175
180	43.5	157.4	3,700	3,400	3,200	2,900	46.6	149.9	3,900	3,700	3,400	3,200	3,200			180
185	41.6	151.4	3,400	3,100	2,900	2,700	44.6	143.5	3,600	3,400	3,100	2,900	2,900			185
190	39.6	144.9	3,100	2,800	2,600	2,400	42.4	136.7	3,300	3,100	2,800	2,600	2,600			190
195	37.4	137.9	2,800	2,600	2,400	2,200	40.2	129.2	3,000	2,800	2,600	2,400	2,400			195
200	35.2	130.3	2,400	2,200	2,100	2,000	37.7	121.1	2,600	2,500	2,300	2,100	2,100			200
205	32.8	122.0	2,000				35.1	112.0	2,200	2,100	2,000					205



	10°			30°			
	ft	°	ft	°	ft	lb	ft
55	80.7	242.5	17,700				55
60	79.5	241.4	17,500				60
65	78.3	240.2	17,400				65
70	77.0	238.8	17,100				70
75	75.8	237.3	17,000	79.8	232.2	12,600	75
80	74.5	235.8	16,800	78.5	230.6	12,300	80
85	73.3	234.1	16,400	77.2	228.9	11,900	85
90	72.0	232.2	15,000	75.9	227.0	11,600	90
95	70.7	230.3	13,800	74.6	225.0	11,300	95
100	69.5	228.2	12,600	73.3	222.8	11,100	100
105	68.2	225.9	11,600	72.0	220.6	10,800	105
110	66.8	223.6	10,700	70.6	218.1	10,600	110
115	65.5	221.1	9,900	69.2	215.6	10,300	115
120	64.2	218.4	9,100	67.9	212.8	9,900	120
125	62.8	215.6	8,400	66.5	210.0	9,100	125
130	61.4	212.7	7,800	65.0	206.9	8,400	130
135	60.0	209.5	7,200	63.6	203.7	7,800	135
140	58.6	206.2	6,700	62.1	200.3	7,200	140
145	57.1	202.7	6,100	60.6	196.7	6,700	145
150	55.7	199.0	5,700	59.1	192.9	6,200	150
155	54.2	195.2	5,200	57.6	188.9	5,700	155
160	52.6	191.1	4,800	56.0	184.6	5,300	160
165	51.0	186.7	4,400	54.3	180.1	4,800	165
170	49.4	182.1	4,100	52.7	175.3	4,400	170
175	47.8	177.3	3,700	50.9	170.3	4,100	175
180	46.1	172.1	3,400	49.1	164.9	3,700	180
185	44.3	166.6	3,100	47.3	159.2	3,400	185
190	42.5	160.8	2,800	45.4	153.0	3,100	190
195	40.6	154.6	2,500	43.4	146.5	2,800	195
200	38.6	147.9	2,100	41.3	139.4	2,500	200
205				39.0	131.7	2,100	205

MLC100-1 S-2



117
+
B10

73,000 lb
+
23,100 lb



190.3 ft

60.0 ft

	10°			30°			
	ft	°	ft	lb	ft	°	ft
60	79.9	251.5	16,700				60
65	78.7	250.3	16,500				65
70	77.6	249.0	16,400				70
75	76.4	247.6	16,200				75
80	75.2	246.1	16,000	80.2	242.4	12,700	80
85	74.0	244.5	15,900	77.8	239.2	12,100	85
90	72.8	242.7	14,700	76.5	237.4	11,800	90
95	71.5	240.8	13,500	75.3	235.5	11,500	95
100	70.3	238.8	12,400	74.0	233.5	11,200	100
105	69.1	236.7	11,300	72.7	231.3	11,000	105
110	67.8	234.5	10,400	71.5	229.0	10,700	110
115	66.6	232.1	9,600	70.2	226.6	10,500	115
120	65.3	229.6	8,800	68.9	224.0	9,600	120
125	64.0	226.9	8,100	67.5	221.2	8,900	125
130	62.7	224.1	7,500	66.2	218.4	8,200	130
135	61.3	221.1	6,900	64.8	215.3	7,600	135
140	60.0	218.0	6,400	63.4	212.1	7,000	140
145	58.6	214.7	5,900	62.0	208.7	6,400	145
150	57.2	211.2	5,400	60.6	205.1	5,900	150
155	55.8	207.6	5,000	59.1	201.4	5,500	155
160	54.4	203.7	4,500	57.6	197.4	5,000	160
165	52.9	199.7	4,200	56.1	193.2	4,600	165
170	51.4	195.4	3,800	54.6	188.8	4,200	170
175	49.9	190.9	3,400	53.0	184.1	3,800	175
180	48.3	186.1	3,100	51.3	179.2	3,500	180
185	46.7	181.1	2,800	49.6	173.9	3,100	185
190	45.0	175.8	2,500	47.9	168.3	2,800	190
195	43.3	170.1	2,200	46.1	162.4	2,500	195
200				44.2	156.1	2,200	200