

# Liftcrane Boom Capacities

Jib No. 148 on  
 Boom No. B60:680  
 with Mast No. M11:684  
 661,300 lb VPC (Variable Position Counterweight)  
 Crawler Machine on a Barge  
 0 Degree thru 2 Degree Static Machine List  
 No Travel - 360 Degree Rating

## MLC650 VPC-MAX SERIES 2

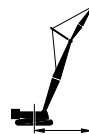


**LIFTING CAPACITIES:** Chart supplements Boom Capacity chart No. 9627-A. Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths, jib lengths, and jib operating radii are for freely suspended 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.

**BOOM BACKWARD STABILITY:** Capacities indicated by (b) require 8,200 lb minimum weight suspended beneath jib point and (c) require 15,500 lb minimum weight. **Caution: Do not operate in areas indicated by (b) or (c) without required minimum weight. Boom and jib may not lower and boom hoist wire rope may go slack causing wire rope damage or failure.**

**OPERATING CONDITIONS:** Machine to operate on a firm and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging No. 81022686, Jib Rigging No. 81023385, Mast Rigging No. 84050187, Wire Rope Specifications chart No. 9532-A, Counterweight Arrangements chart No. 9349-A, and Wind Conditions chart No. 9531-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.



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



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



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

**MACHINE EQUIPMENT:** Machine equipped with VPC-MAX, 36 ft 6 in. crawlers, 60 in. or 80 in. treads, 36 ft 1 in. live mast, 118.1 ft mast, 16 part boom hoist reeving, boom support straps, and 661,300 lb VPC.

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

# MLC650 VPC-MAX S-2



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 #, load blocks, hooks, weight ball, and slings must remain on barge deck until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

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

Combined weight beneath boom and jib point sheaves must not exceed block weight shown. Total weight beneath jib point must not exceed 6,200 lb.

**Table 1a**

Over End or Side of Crawlers												
Boom Length (ft)	39.4 ft Jib Length						59.1 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	46,500	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
321.5	16,200	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
360.9				22,600	22,600	22,600				22,600	22,600	22,600
380.6				22,600	22,600	22,600				22,600	16,200	16,200
400.3				#	#	#				#	#	#
419.9				#	#	#	#	#	#	#	#	#
439.6												

# MLC650 VPC-MAX S-2



Table 1b

Over End or Side of Crawlers												
Boom Length (ft)	78.7 ft Jib Length						98.4 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
321.5	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2	#	#		46,500	22,600	22,600	#			22,600	22,600	22,600
360.9				22,600	22,600	22,600				22,600	22,600	22,600
380.6				16,200	16,200	16,200				16,200	16,200	16,200
400.3				#	#	#				#	#	#
419.9				#	#							
439.6												

REFERENCED

# MLC650 VPC-MAX S-2



Table 1c

Over End or Side of Crawlers												
Boom Length (ft)	118.1 ft Jib Length						137.8 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	16,200	16,200	46,500	46,500	46,500	16,200	16,200	16,200	46,500	46,500	46,500
321.5	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2				22,600	22,600	22,600				22,600	22,600	22,600
360.9				22,600	22,600	22,600				22,600	22,600	22,600
380.6				16,200	16,200	16,200				#	#	#
400.3				#	#	#				#		
419.9												
439.6												

REFERE

# MLC650 VPC-MAX S-2



Table 2a

Over End of Blocked Crawlers												
Boom Length (ft)	39.4 ft Jib Length						59.1 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	46,500	46,500	46,500	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
321.5	16,200	16,200	16,200	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
360.9	#	#	#	22,600	22,600	22,600	#	#	#	22,600	22,600	22,600
380.6				22,600	22,600	22,600				22,600	22,600	22,600
400.3				#	#	#				#	#	#
419.9				#	#	#				#	#	#
439.6				#	#	#				#	#	#

**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.

REFER TO CHART

# MLC650 VPC-MAX S-2



Table 2b

Over End of Blocked Crawlers												
Boom Length (ft)	78.7 ft Jib Length						98.4 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
321.5	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2	#	#	#	46,500	46,500	46,500	#	#	#	22,600	22,600	22,600
360.9				22,600	22,600	22,600				22,600	22,600	22,600
380.6				16,200	16,200	16,200				16,200	16,200	16,200
400.3				#	#	#				#	#	#
419.9				#	#	#				#	#	#
439.6												

**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.*

REFER TO CHART

# MLC650 VPC-MAX S-2



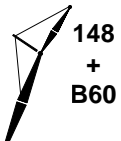
Table 2c

Over End of Blocked Crawlers												
Boom Length (ft)	118.1 ft Jib Length						137.8 ft Jib Length					
	Counterweight Position											
	38.7 ft			60.0 ft			38.7 ft			60.0 ft		
	Machine List											
	0°	1°	2°	0°	1°	2°	0°	1°	2°	0°	1°	2°
	Block Weight (lb)											
144.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
164.0	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
183.7	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
203.4	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
223.1	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
242.8	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
262.5	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500	46,500
282.2	22,600	22,600	22,600	46,500	46,500	46,500	22,600	22,600	22,600	46,500	46,500	46,500
301.8	22,600	22,600	22,600	46,500	46,500	46,500	16,200	16,200	16,200	46,500	46,500	46,500
321.5	#	#	#	46,500	46,500	46,500	#	#	#	46,500	46,500	46,500
341.2	#	#	#	22,600	22,600	22,600	#	#	#	22,600	22,600	22,600
360.9				22,600	22,600	22,600				22,600	22,600	22,600
380.6				16,200	16,200	16,200				#	#	#
400.3				#	#	#				#		
419.9				#						#		
439.6												


**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.*


REFER TO

**Explanation of Symbols**

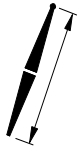
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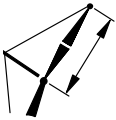
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B60

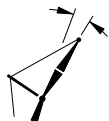
Jib No. 148  
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Boom No. B60:680
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VPC (Variable Position Counterweight)
- 


360°

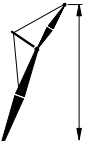
360 Degree Rating
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Boom Length
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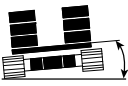
Jib Length
- 


Jib Offset Angle
- 

Operating Radius  
(see page 1)
- 

Boom Angle  
(see page 1)
- 

Jib Point Elevation  
(see page 1)
- 

Counterweight Position  
from Axis of Rotation
- 

Machine List
- 

Lifting Capacities  
(see page 1)

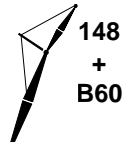
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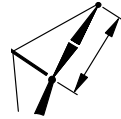
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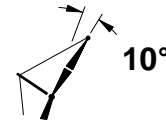
# MLC650 VPC-MAX S-2



144.4 ft



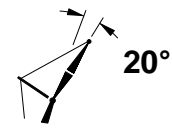
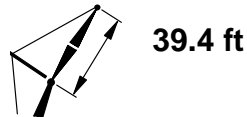
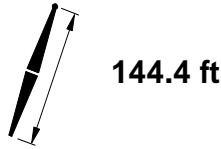
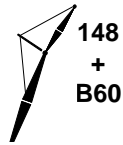
39.4 ft



10°

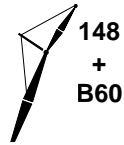
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
38	82.8	191.7	143,300c			143,300c			38
40	82.1	191.3	143,300c			143,300c			40
45	80.5	190.3	143,300b	137,400b	125,700c	143,300b	137,400b	125,700c	45
50	78.9	189.1	143,300b	136,500b	125,100b	143,300b	136,500b	125,100b	50
55	77.3	187.7	143,300	135,800	124,400	143,300	135,800	124,400	55
60	75.7	186.2	143,300	135,100	123,900	143,300	135,100	123,900	60
65	74.1	184.6	143,300	134,500	123,400	143,300	134,500	123,400	65
70	72.4	182.8	143,300	133,900	122,700	143,300	133,900	122,700	70
75	70.8	180.8	142,500	131,400	120,800	142,500	131,400	120,800	75
80	69.1	178.7	135,500	128,800	118,800	135,500	128,800	118,800	80
85	67.4	176.4	129,200	126,300	116,900	129,200	126,300	116,900	85
90	65.6	173.9	123,400	122,500	115,100	123,400	122,500	115,100	90
95	63.9	171.2	118,300	117,400	113,200	118,300	117,400	113,200	95
100	62.1	168.3	113,500	112,700	111,400	113,500	112,700	111,400	100
105	60.2	165.2	109,100	108,400	107,700	109,100	108,400	107,700	105
110	58.4	161.8	105,000	104,400	103,700	105,000	104,400	103,700	110
115	56.5	158.2	101,300	100,700	100,100	101,300	100,700	100,100	115
120	54.5	154.4	97,900	97,300	96,700	97,900	97,300	96,700	120
130	50.4	145.8	91,700	91,200	90,700	91,700	91,200	90,700	130
140	46.0	135.9	86,400	86,000	85,500	86,400	86,000	85,500	140
150	41.2	124.2	81,800	81,400	81,000	81,800	81,400	81,000	150
160	35.9	110.2	77,800	77,400	77,100	77,800	77,400	77,100	160
170	29.6	92.6	74,500	74,100	73,800	74,500	74,100	73,800	170
180	21.5	68.4	71,900	71,500	71,200	71,900	71,500	71,200	180

# MLC650 VPC-MAX S-2

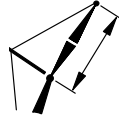


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
38									38
40									40
45	82.4	188.8	143,300c			143,300c			45
50	80.8	187.6	140,100b	131,700b	121,200c	140,100b	131,700b	121,200c	50
55	79.2	186.2	133,300b	129,200b	119,300b	133,300b	129,200b	119,300b	55
60	77.5	184.7	127,200	126,700	117,500	127,200	126,700	117,500	60
65	75.9	183.1	121,600	121,200	115,600	121,600	121,200	115,600	65
70	74.2	181.3	116,600	116,200	113,900	116,600	116,200	113,900	70
75	72.5	179.3	112,000	111,600	110,200	112,000	111,600	110,200	75
80	70.8	177.1	107,800	107,400	106,200	107,800	107,400	106,200	80
85	69.1	174.8	103,900	103,500	102,500	103,900	103,500	102,500	85
90	67.3	172.3	100,300	100,000	99,100	100,300	100,000	99,100	90
95	65.5	169.5	97,000	96,700	96,000	97,000	96,700	96,000	95
100	63.7	166.6	93,900	93,600	93,100	93,900	93,600	93,100	100
105	61.9	163.5	91,100	90,800	90,300	91,100	90,800	90,300	105
110	60.0	160.1	88,400	88,200	87,800	88,400	88,200	87,800	110
115	58.1	156.4	86,000	85,700	85,500	86,000	85,700	85,500	115
120	56.1	152.6	83,700	83,500	83,300	83,700	83,500	83,300	120
130	51.9	143.9	79,600	79,400	79,200	79,600	79,400	79,200	130
140	47.5	133.7	76,100	75,900	75,700	76,100	75,900	75,700	140
150	42.6	121.8	73,000	72,900	72,700	73,000	72,900	72,700	150
160	37.1	107.5	70,500	70,300	70,200	70,500	70,300	70,200	160
170	30.6	89.3	68,500	68,300	68,300	68,500	68,300	68,300	170
180									180

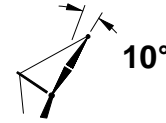
# MLC650 VPC-MAX S-2



164.0 ft



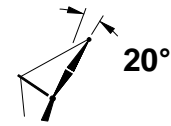
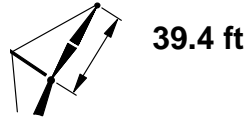
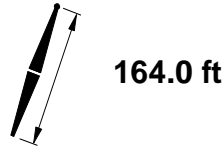
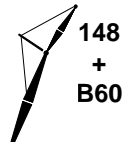
39.4 ft



10°

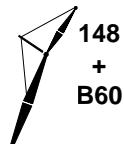
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
40	82.9	211.3	143,300 <sup>b</sup>			143,300 <sup>b</sup>			40
45	81.5	210.3	143,300			143,300			45
50	80.0	209.3	143,300			143,300			50
55	78.6	208.1	143,300			143,300			55
60	77.1	206.8	143,300			143,300			60
65	75.7	205.3	143,300			143,300			65
70	74.2	203.7	143,300			143,300			70
75	72.7	201.9	143,300			143,300			75
80	71.2	200.0	143,300			143,300			80
85	69.7	198.0	137,900			137,900			85
90	68.2	195.8	132,000			132,000			90
95	66.6	193.4	126,600			126,600			95
100	65.0	190.8	121,600			121,600			100
105	63.4	188.1	117,000			117,000			105
110	61.8	185.2	112,800			112,800			110
115	60.2	182.1	108,900			108,900			115
120	58.5	178.8	105,300			105,300			120
130	55.0	171.5	98,800			98,800			130
140	51.4	163.3	93,100			93,100			140
150	47.5	153.8	88,100			88,100			150
160	43.4	143.0	83,700			83,700			160
170	38.8	130.3	79,900			79,900			170
180	33.7	115.2	76,600			76,600			180
190	27.7	96.4	73,700			73,700			190
200	19.9	70.4	71,600			71,600			200

# MLC650 VPC-MAX S-2

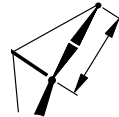


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
40									40
45									45
50	81.7	207.8	143,300b	132,300b		143,300b	132,300b		50
55	80.2	206.6	137,700	130,600	120,200b	137,700	130,600	120,200b	55
60	78.8	205.2	131,800	128,400	118,500	131,800	128,400	118,500	60
65	77.3	203.7	126,400	125,900	117,000	126,400	125,900	117,000	65
70	75.8	202.1	121,400	121,000	115,300	121,400	121,000	115,300	70
75	74.3	200.3	116,800	116,500	113,700	116,800	116,500	113,700	75
80	72.8	198.4	112,700	112,300	110,900	112,700	112,300	110,900	80
85	71.3	196.4	108,800	108,500	107,300	108,800	108,500	107,300	85
90	69.7	194.1	105,200	104,900	103,800	105,200	104,900	103,800	90
95	68.1	191.7	101,900	101,600	100,700	101,900	101,600	100,700	95
100	66.6	189.2	98,800	98,500	97,700	98,800	98,500	97,700	100
105	64.9	186.4	96,000	95,700	95,000	96,000	95,700	95,000	105
110	63.3	183.5	93,300	93,000	92,400	93,300	93,000	92,400	110
115	61.6	180.4	90,800	90,500	90,000	90,800	90,500	90,000	115
120	59.9	177.0	88,400	88,100	87,800	88,400	88,100	87,800	120
130	56.4	169.7	84,100	83,900	83,700	84,100	83,900	83,700	130
140	52.7	161.3	80,300	80,100	80,000	80,300	80,100	80,000	140
150	48.8	151.7	77,000	76,800	76,700	77,000	76,800	76,700	150
160	44.6	140.7	74,200	74,000	73,800	74,200	74,000	73,800	160
170	40.0	127.8	71,700	71,500	71,400	71,700	71,500	71,400	170
180	34.8	112.3	69,700	69,500	69,300	69,700	69,500	69,300	180
190	28.6	92.8	68,100	68,000	67,800	68,100	68,000	67,800	190
200									200

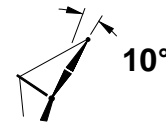
# MLC650 VPC-MAX S-2



183.7 ft



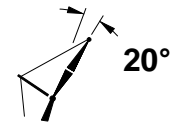
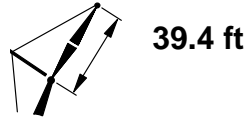
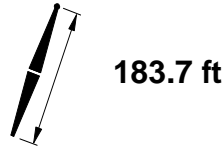
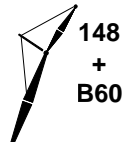
39.4 ft



10°

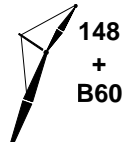
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
45	82.2	230.4	143,300			143,300			45
50	80.9	229.4	143,300			143,300			50
55	79.6	228.3	143,300			143,300			55
60	78.3	227.1	143,300			143,300			60
65	77.0	225.8	143,300			143,300			65
70	75.6	224.3	143,300			143,300			70
75	74.3	222.7	143,300			143,300			75
80	72.9	221.0	143,300			143,300			80
85	71.6	219.2	143,300			143,300			85
90	70.2	217.2	139,900			139,900			90
95	68.8	215.1	134,400			134,400			95
100	67.4	212.8	129,300			129,300			100
105	66.0	210.4	124,600			124,600			105
110	64.5	207.8	120,100			119,300			110
115	63.1	205.1	116,100			116,100			115
120	61.6	202.2	112,300			112,300			120
130	58.6	195.8	105,500			105,500			130
140	55.4	188.7	99,500			99,500			140
150	52.1	180.6	94,200			94,200			150
160	48.7	171.6	89,500			89,500			160
170	45.0	161.3	85,400			85,400			170
180	41.1	149.6	81,700			81,700			180
190	36.8	136.1	78,400			78,400			190
200	31.9	119.9	75,600			75,600			200
210	26.2	99.9	73,100			73,100			210
220	18.6	72.2	71,100			71,300			220

# MLC650 VPC-MAX S-2

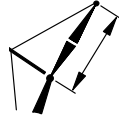


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
45									45
50	82.4	227.8	143,300			143,300			50
55	81.1	226.8	141,500	131,700		141,500	131,700		55
60	79.8	225.5	135,800	129,600	119,400	135,800	129,600	119,400	60
65	78.5	224.2	130,500	127,700	117,900	130,500	127,700	117,900	65
70	77.1	222.7	125,700	125,200	116,400	125,700	125,200	116,400	70
75	75.8	221.1	121,200	120,800	115,000	121,200	120,800	115,000	75
80	74.4	219.4	117,100	116,700	113,600	117,100	116,700	113,600	80
85	73.0	217.6	113,200	112,900	111,500	113,200	112,900	111,500	85
90	71.6	215.6	109,700	109,300	108,100	109,700	109,300	108,100	90
95	70.2	213.4	106,400	106,100	105,000	106,400	106,100	105,000	95
100	68.8	211.1	103,300	102,900	102,000	103,300	102,900	102,000	100
105	67.4	208.7	100,400	100,100	99,200	100,400	100,100	99,200	105
110	65.9	206.1	97,700	97,400	96,600	97,700	97,400	96,600	110
115	64.5	203.3	95,100	94,800	94,200	95,100	94,800	94,200	115
120	63.0	200.4	92,700	92,500	91,900	92,700	92,500	91,900	120
130	59.9	194.0	88,400	88,100	87,700	88,400	88,100	87,700	130
140	56.7	186.7	84,400	84,200	84,000	84,400	84,200	84,000	140
150	53.4	178.6	81,000	80,700	80,600	81,000	80,700	80,600	150
160	49.9	169.5	77,900	77,700	77,500	77,900	77,700	77,500	160
170	46.2	159.1	75,200	75,000	74,800	75,200	75,000	74,800	170
180	42.2	147.2	72,800	72,600	72,500	72,800	72,600	72,500	180
190	37.8	133.4	70,700	70,600	70,400	70,700	70,600	70,400	190
200	32.8	116.8	69,000	68,900	68,800	69,000	68,900	68,800	200
210	26.8	96.0	67,900	67,700	67,600	67,900	67,700	67,600	210
220									220

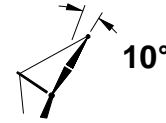
# MLC650 VPC-MAX S-2



203.4 ft



39.4 ft

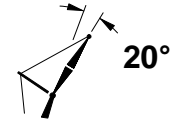
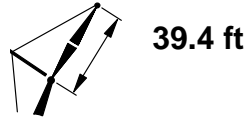
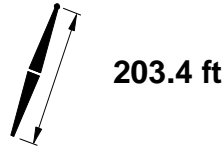
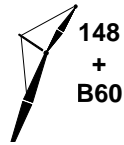


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
45	82.9	250.3	143,300	143,300	143,300	143,300	143,300	143,300	45
50	81.7	249.4	143,300	136,700	124,200	143,300	136,700	124,200	50
55	80.5	248.4	143,300	136,000	123,700	143,300	135,400	123,700	55
60	79.3	247.3	143,300	135,400	123,300	143,300	134,900	123,300	60
65	78.1	246.1	143,300	134,900	122,900	143,300	134,300	122,900	65
70	76.8	244.8	143,300	134,300	122,500	143,300	133,800	122,500	70
75	75.6	243.4	143,300	133,800	122,200	143,300	133,400	122,200	75
80	74.4	241.8	143,300	133,400	121,800	143,300	133,000	121,800	80
85	73.1	240.1	143,300	133,000	120,800	143,300	132,300	120,800	85
90	71.9	238.3	143,300	132,300	119,500	141,700	130,300	119,500	90
95	70.6	236.4	141,700	130,300	118,100	136,500	128,400	118,100	95
100	69.4	234.3	136,500	128,400	116,700	131,600	126,500	116,700	100
105	68.1	232.1	131,600	126,500	115,300	127,100	124,800	115,300	105
110	66.8	229.8	127,100	124,800	114,000	122,900	122,000	114,000	110
115	65.5	227.4	122,900	122,000	112,700	119,000	118,100	112,700	115
120	64.1	224.8	119,000	118,100	110,200	111,900	111,100	110,200	120
130	61.4	219.1	111,900	111,100	104,300	105,700	105,000	104,300	130
140	58.6	212.8	105,700	105,000	98,900	100,100	99,500	98,900	140
150	55.8	205.7	100,100	99,500	94,100	95,200	94,700	94,100	150
160	52.8	197.9	95,200	94,700	89,800	90,800	90,300	89,800	160
170	49.6	189.2	90,800	90,300	86,000	86,800	86,300	86,000	170
180	46.4	179.4	86,800	86,300	82,400	83,300	82,900	82,400	180
190	42.9	168.4	83,300	82,900	79,300	80,100	79,700	79,300	190
200	39.1	155.9	80,100	79,700	72,200	77,300	76,900	76,600	200
210	35.0	141.5	76,600	74,300	64,500	74,800	74,500	74,100	210
220	30.3	124.4	68,000	66,200	57,300	72,700	72,400	72,100	220
230	24.8	103.1	60,100	58,700	50,500	71,100	70,900	70,500	230
240	17.4	73.7	52,500	51,500					240

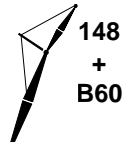


# MLC650 VPC-MAX S-2

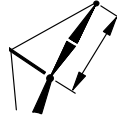


			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
45									45
50									50
55	81.9	246.9	143,300	131,500		143,300	131,500		55
60	80.6	245.8	139,300	130,500	119,800	139,300	130,500	119,800	60
65	79.4	244.5	134,200	128,700	118,500	134,200	128,700	118,500	65
70	78.2	243.2	129,400	127,000	117,100	129,400	127,000	117,100	70
75	77.0	241.7	125,100	124,600	115,900	125,100	124,600	115,900	75
80	75.7	240.2	121,000	120,600	114,600	121,000	120,600	114,600	80
85	74.5	238.5	117,300	116,800	113,300	117,300	116,800	113,300	85
90	73.2	236.7	113,700	113,300	112,000	113,700	113,300	112,000	90
95	71.9	234.7	110,400	110,100	108,800	110,400	110,100	108,800	95
100	70.7	232.7	107,400	107,000	105,900	107,400	107,000	105,900	100
105	69.4	230.4	104,500	104,100	103,100	104,500	104,100	103,100	105
110	68.1	228.1	101,700	101,400	100,500	101,700	101,400	100,500	110
115	66.7	225.6	99,200	98,900	98,000	99,200	98,900	98,000	115
120	65.4	223.0	96,700	96,500	95,700	96,700	96,500	95,700	120
130	62.7	217.3	92,300	92,000	91,500	92,300	92,000	91,500	130
140	59.9	210.9	88,300	88,000	87,700	88,300	88,000	87,700	140
150	57.0	203.8	84,700	84,500	84,300	84,700	84,500	84,300	150
160	53.9	195.9	81,500	81,300	81,100	81,500	81,300	81,100	160
170	50.8	187.1	78,600	78,400	78,300	78,600	78,400	78,300	170
180	47.4	177.2	76,000	75,800	75,700	76,000	75,800	75,700	180
190	43.9	166.0	73,800	73,600	73,400	73,800	73,600	73,400	190
200	40.1	153.3	71,800	71,600	71,400	71,800	71,600	71,400	200
210	35.8	138.6	70,000	69,900	69,700	70,000	69,900	69,700	210
220	31.1	121.0	68,600	66,900	65,200	68,600	68,500	68,300	220
230									230
240									240

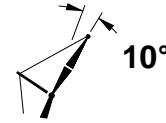
# MLC650 VPC-MAX S-2



223.1 ft



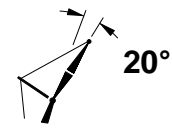
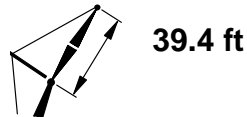
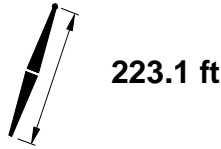
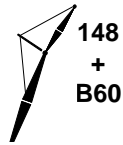
39.4 ft



10°

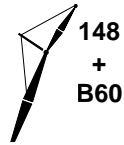
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
50	82.3	269.4	143,300			143,300			50
55	81.2	268.5	143,300	135,700		143,300	135,700		55
60	80.1	267.5	143,300	135,100	123,200	143,300	135,100	123,200	60
65	79.0	266.4	143,300	134,600	122,800	143,300	134,600	122,800	65
70	77.8	265.1	143,300	134,100	122,500	143,300	134,100	122,500	70
75	76.7	263.8	143,300	133,600	122,100	143,300	133,600	122,100	75
80	75.6	262.4	143,300	133,200	121,800	143,300	133,200	121,800	80
85	74.4	260.8	143,300	132,800	121,500	143,300	132,800	121,500	85
90	73.3	259.2	143,300	132,500	121,200	143,300	132,500	121,200	90
95	72.1	257.4	143,300	132,100	120,500	143,300	132,100	120,500	95
100	71.0	255.6	142,600	130,300	119,200	142,600	130,300	119,200	100
105	69.8	253.6	138,200	128,500	118,000	138,200	128,500	118,000	105
110	68.6	251.4	133,600	126,900	116,800	133,600	126,900	116,800	110
115	67.4	249.2	129,300	125,300	115,500	129,300	125,300	115,500	115
120	66.2	246.8	125,300	123,700	114,300	125,300	123,700	114,300	120
130	63.8	241.7	118,000	117,100	112,000	118,000	117,100	112,000	130
140	61.3	236.0	111,500	110,800	109,700	111,500	110,800	109,700	140
150	58.7	229.7	105,800	105,100	104,400	105,800	105,100	104,400	150
160	56.1	222.8	100,700	100,000	99,400	100,700	100,000	99,400	160
170	53.3	215.1	96,100	95,400	95,000	96,100	95,400	95,000	170
180	50.5	206.7	91,900	91,400	90,800	91,900	91,400	90,800	180
190	47.5	197.3	88,100	87,600	87,100	88,100	87,600	87,100	190
200	44.3	186.8	84,700	81,800	78,800	84,700	84,300	83,800	200
210	41.0	175.1	75,700	73,000	70,400	81,700	81,200	80,900	210
220	37.3	161.8	67,300	65,000	62,800	78,900	78,500	78,100	220
230	33.4	146.6	59,500	57,600	55,700	76,400	76,000	75,700	230
240	28.9	128.5	52,300	50,700	49,200	74,200	73,800	73,600	240
250	23.5	106.1	45,500	44,300	43,000	72,300	72,000	71,700	250

# MLC650 VPC-MAX S-2

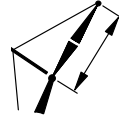


			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
50									50
55	82.5	266.9	143,300			143,300			55
60	81.4	265.9	142,300	130,700		142,300	130,700		60
65	80.2	264.8	137,400	129,300	118,800	137,400	129,300	118,800	65
70	79.1	263.5	132,800	127,700	117,600	132,800	127,700	117,600	70
75	78.0	262.2	128,500	126,200	116,400	128,500	126,200	116,400	75
80	76.8	260.7	124,500	124,100	115,200	124,500	124,100	115,200	80
85	75.7	259.2	120,800	120,400	114,100	120,800	120,400	114,100	85
90	74.5	257.5	117,400	116,900	113,000	117,400	116,900	113,000	90
95	73.4	255.8	114,100	113,700	111,800	114,100	113,700	111,800	95
100	72.2	253.9	111,000	110,600	109,500	111,000	110,600	109,500	100
105	71.0	251.9	108,200	107,700	106,700	108,200	107,700	106,700	105
110	69.8	249.7	105,500	105,000	104,100	105,500	105,000	104,100	110
115	68.6	247.5	102,800	102,500	101,600	102,800	102,500	101,600	115
120	67.4	245.1	100,500	100,100	99,300	100,500	100,100	99,300	120
130	65.0	239.9	95,900	95,600	95,000	95,900	95,600	95,000	130
140	62.4	234.2	91,900	91,600	91,100	91,900	91,600	91,100	140
150	59.8	227.9	88,300	88,000	87,600	88,300	88,000	87,600	150
160	57.2	220.8	84,900	84,700	84,500	84,900	84,700	84,500	160
170	54.4	213.1	82,000	81,700	81,500	82,000	81,700	81,500	170
180	51.5	204.6	79,300	79,000	78,900	79,300	79,000	78,900	180
190	48.5	195.1	76,800	76,600	76,500	76,800	76,600	76,500	190
200	45.3	184.5	74,600	74,400	74,300	74,600	74,400	74,300	200
210	41.9	172.6	72,700	72,500	71,700	72,700	72,500	72,400	210
220	38.2	159.1	68,400	66,000	63,800	70,900	70,800	70,600	220
230	34.1	143.5	60,400	58,400	56,500	69,500	69,300	69,200	230
240	29.5	125.0	52,900	51,300	49,700	68,300	68,100	68,000	240
250									250

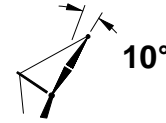
# MLC650 VPC-MAX S-2



242.8 ft



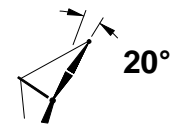
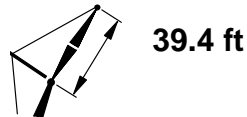
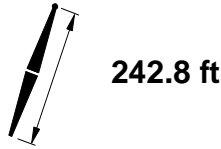
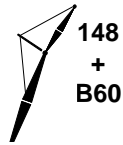
39.4 ft



10°

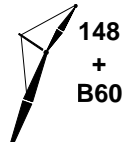
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
50	82.8	289.4	143,300			143,300			50
55	81.8	288.5	143,300	135,300		143,300	135,300		55
60	80.8	287.6	143,300	134,800	122,800	143,300	134,800	122,800	60
65	79.8	286.5	143,300	134,300	122,400	143,300	134,300	122,400	65
70	78.7	285.4	143,300	133,800	122,000	143,300	133,800	122,000	70
75	77.7	284.2	143,300	133,300	121,700	143,300	133,300	121,700	75
80	76.6	282.8	143,300	132,900	121,400	143,300	132,900	121,400	80
85	75.6	281.4	143,300	132,600	121,100	143,300	132,600	121,100	85
90	74.5	279.9	143,300	132,200	120,800	143,300	132,200	120,800	90
95	73.4	278.3	143,300	131,900	120,600	143,300	131,900	120,600	95
100	72.4	276.5	143,300	131,600	120,100	143,300	131,600	120,100	100
105	71.3	274.7	142,900	130,300	118,900	142,900	130,300	118,900	105
110	70.2	272.8	139,900	128,700	117,800	139,900	128,700	117,800	110
115	69.1	270.7	135,500	127,100	116,700	135,500	127,100	116,700	115
120	68.0	268.5	131,400	125,600	115,500	131,400	125,600	115,500	120
130	65.8	263.8	123,900	122,700	113,300	123,900	122,700	113,300	130
140	63.5	258.7	117,300	116,400	111,300	117,300	116,400	111,300	140
150	61.2	253.0	111,300	110,500	109,200	111,300	110,500	109,200	150
160	58.8	246.7	106,000	105,300	104,600	106,000	105,300	104,600	160
170	56.3	239.8	101,200	100,600	100,000	101,200	100,600	100,000	170
180	53.8	232.3	96,800	96,200	93,100	96,800	96,200	95,600	180
190	51.1	224.1	91,100	86,900	83,000	92,900	92,300	91,900	190
200	48.4	215.0	80,900	77,300	73,800	89,300	88,800	88,300	200
210	45.5	205.0	71,700	68,500	65,500	86,000	85,500	85,100	210
220	42.5	193.9	63,300	60,500	57,900	83,000	82,600	82,200	220
230	39.3	181.5	55,600	53,200	50,900	80,300	80,000	79,500	230
240	35.8	167.5	48,400	46,400	44,400	77,900	77,500	77,200	240
250	32.0	151.4	41,800	40,100	38,400	75,700	75,300	75,000	250
260	27.6	132.4	35,600	34,200	32,800	73,700	73,400	73,100	260
270	22.4	108.8	29,800	28,600	27,500	72,100	71,800	71,400	270

# MLC650 VPC-MAX S-2

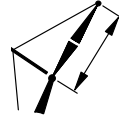


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
50									50
55									55
60	82.0	286.0	143,300	130,200		143,300	130,200		60
65	80.9	284.9	140,300	129,800	118,800	140,300	129,800	118,800	65
70	79.9	283.8	135,900	128,300	117,800	135,900	128,300	117,800	70
75	78.8	282.5	131,700	126,900	116,700	131,700	126,900	116,700	75
80	77.8	281.2	127,800	125,500	115,600	127,800	125,500	115,600	80
85	76.7	279.8	124,200	123,700	114,600	124,200	123,700	114,600	85
90	75.7	278.2	120,800	120,300	113,500	120,800	120,300	113,500	90
95	74.6	276.6	117,600	117,100	112,500	117,600	117,100	112,500	95
100	73.5	274.8	114,500	114,000	111,500	114,500	114,000	111,500	100
105	72.4	273.0	111,600	111,200	110,000	111,600	111,200	110,000	105
110	71.3	271.0	108,900	108,600	107,400	108,900	108,600	107,400	110
115	70.2	269.0	106,300	106,000	104,900	106,300	106,000	104,900	115
120	69.1	266.8	103,900	103,600	102,600	103,900	103,600	102,600	120
130	66.9	262.1	99,400	99,000	98,300	99,400	99,000	98,300	130
140	64.6	256.9	95,300	95,000	94,400	95,300	95,000	94,400	140
150	62.2	251.1	91,600	91,300	90,800	91,600	91,300	90,800	150
160	59.8	244.8	88,200	88,000	87,600	88,200	88,000	87,600	160
170	57.3	237.9	85,200	85,000	84,700	85,200	85,000	84,700	170
180	54.8	230.3	82,400	82,200	82,000	82,400	82,200	82,000	180
190	52.1	221.9	79,800	79,600	79,500	79,800	79,600	79,500	190
200	49.3	212.8	77,500	77,300	75,500	77,500	77,300	77,200	200
210	46.4	202.6	73,200	70,100	67,000	75,400	75,200	75,000	210
220	43.4	191.4	64,600	61,800	59,200	73,500	73,400	73,100	220
230	40.1	178.8	56,700	54,300	52,000	71,800	71,600	71,400	230
240	36.6	164.6	49,400	47,300	45,300	70,300	70,100	70,000	240
250	32.6	148.2	42,600	40,800	39,100	69,000	68,800	68,800	250
260	28.2	128.7	36,200	34,700	33,300	68,100	67,900	67,800	260
270									270

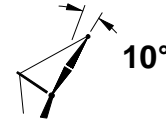
# MLC650 VPC-MAX S-2



262.5 ft



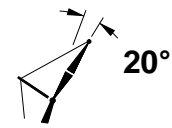
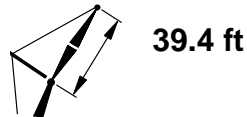
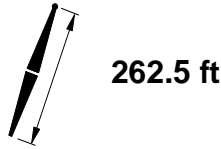
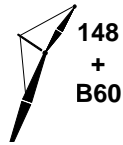
39.4 ft



10°

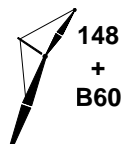
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55	82.4	308.5	143,300			143,300			55
60	81.4	307.6	143,300			143,300			60
65	80.4	306.6	143,300			143,300			65
70	79.5	305.6	143,300			143,300			70
75	78.5	304.4	143,300			143,300			75
80	77.5	303.2	143,300			143,300			80
85	76.5	301.9	143,300			143,300			85
90	75.5	300.5	143,300			143,300			90
95	74.6	298.9	143,300			143,300			95
100	73.6	297.3	143,300			143,300			100
105	72.6	295.6	143,300			143,300			105
110	71.6	293.8	142,900			142,900			110
115	70.5	291.9	141,100			141,100			115
120	69.5	289.9	137,200			137,200			120
130	67.5	285.6	129,500			129,500			130
140	65.4	280.8	122,700			122,700			140
150	63.2	275.6	116,600			116,600			150
160	61.0	269.9	111,100			111,100			160
170	58.8	263.7	106,200			106,200			170
180	56.5	256.9	99,900			101,700			180
190	54.2	249.5	88,600			97,500			190
200	51.7	241.4	78,400			93,800			200
210	49.2	232.6	69,200			90,400			210
220	46.6	222.9	60,800			87,200			220
230	43.8	212.3	53,100			84,400			230
240	40.9	200.6	46,100			81,700			240
250	37.8	187.5	39,500			79,300			250
260	34.4	172.8	33,400			77,000			260
270	30.7	156.0	27,700			75,100			270
280	26.5	136.1	22,400			73,300			280
290	21.4	111.4	17,200			71,900			290

# MLC650 VPC-MAX S-2

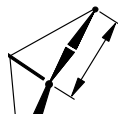


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60	82.5	306.0	143,300			143,300			60
65	81.5	305.0	143,000	129,500		143,000	129,500		65
70	80.6	303.9	138,600	128,700	117,700	138,600	128,700	117,700	70
75	79.6	302.8	134,600	127,300	116,700	134,600	127,300	116,700	75
80	78.6	301.5	130,800	126,000	115,800	130,800	126,000	115,800	80
85	77.6	300.2	127,200	124,700	114,800	127,200	124,700	114,800	85
90	76.6	298.8	123,900	123,400	113,900	123,900	123,400	113,900	90
95	75.6	297.3	120,700	120,200	113,000	120,700	120,200	113,000	95
100	74.6	295.6	117,700	117,200	112,100	117,700	117,200	112,100	100
105	73.6	293.9	114,800	114,400	111,100	114,800	114,400	111,100	105
110	72.6	292.1	112,100	111,800	110,200	112,100	111,800	110,200	110
115	71.6	290.2	109,600	109,200	108,000	109,600	109,200	108,000	115
120	70.6	288.2	107,200	106,700	105,700	107,200	106,700	105,700	120
130	68.5	283.8	102,700	102,300	101,400	102,700	102,300	101,400	130
140	66.4	279.0	98,600	98,200	97,400	98,600	98,200	97,400	140
150	64.2	273.8	94,800	94,500	93,800	94,800	94,500	93,800	150
160	62.0	268.0	91,400	91,100	90,600	91,400	91,100	90,600	160
170	59.8	261.8	88,300	88,000	87,600	88,300	88,000	87,600	170
180	57.5	254.9	85,400	85,100	84,800	85,400	85,100	84,800	180
190	55.1	247.4	82,800	82,600	81,700	82,800	82,600	82,300	190
200	52.6	239.3	80,400	76,300	72,400	80,400	80,100	80,000	200
210	50.1	230.4	71,000	67,400	64,000	78,100	78,000	77,800	210
220	47.4	220.6	62,400	59,200	56,200	76,200	76,000	75,700	220
230	44.6	209.9	54,500	51,700	49,100	74,300	74,100	73,900	230
240	41.7	198.0	47,300	44,800	42,500	72,600	72,500	72,300	240
250	38.5	184.8	40,500	38,400	36,400	71,100	71,000	70,800	250
260	35.1	169.8	34,300	32,400	30,700	69,800	69,700	69,500	260
270	31.3	152.6	28,400	26,800	25,300	68,700	68,500	68,400	270
280	27.0	132.2	22,800	21,500	20,200	67,900	67,700	67,600	280
290									290

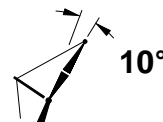
# MLC650 VPC-MAX S-2



282.2 ft



39.4 ft

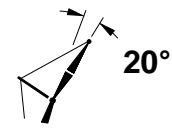
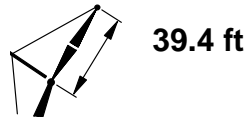
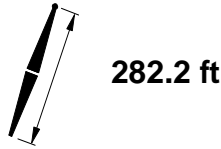
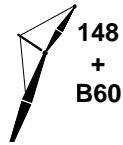


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
55	82.8	328.4	143,300			143,300			55
60	81.9	327.6	143,300			143,300			60
65	81.0	326.7	143,300			143,300			65
70	80.1	325.7	143,300			143,300			70
75	79.2	324.6	143,300			143,300			75
80	78.3	323.5	143,300			143,300			80
85	77.4	322.2	143,300			143,300			85
90	76.5	320.9	143,300			143,300			90
95	75.5	319.5	143,300			143,300			95
100	74.6	318.0	143,300			143,300			100
105	73.7	316.4	143,300			143,300			105
110	72.7	314.7	143,300			143,300			110
115	71.8	313.0	142,900			142,900			115
120	70.8	311.1	141,200			141,200			120
130	68.9	307.1	135,000			135,000			130
140	67.0	302.7	128,000			128,000			140
150	65.0	297.8	121,800			121,800			150
160	63.0	292.6	116,200			116,200			160
170	60.9	286.9	111,100			111,100			170
180	58.8	280.6	106,100			106,400			180
190	56.7	273.9	94,200			102,200			190
200	54.5	266.6	83,500			98,300			200
210	52.2	258.7	73,800			94,600			210
220	49.9	250.1	64,900			91,400			220
230	47.4	240.7	56,900			88,300			230
240	44.9	230.5	49,400			85,600			240
250	42.2	219.3	42,600			83,000			250
260	39.4	207.0	36,200			80,600			260
270	36.4	193.3	30,300			78,400			270
280	33.1	177.9	24,800			76,400			280
290	29.5	160.3	19,600			74,600			290
300	25.4	139.6	14,600			73,000			300
310	20.5	113.8	9,900			71,700			310

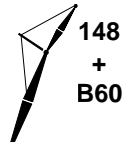


# MLC650 VPC-MAX S-2

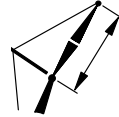


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60	83.0	325.9	142,900			142,900			60
65	82.1	325.0	142,600			142,600			65
70	81.2	324.0	141,200	128,600		141,200	128,600		70
75	80.2	323.0	137,300	127,500	116,500	137,300	127,500	116,500	75
80	79.3	321.8	133,500	126,300	115,700	133,500	126,300	115,700	80
85	78.4	320.6	130,100	125,100	114,800	130,100	125,100	114,800	85
90	77.5	319.2	126,700	124,000	113,900	126,700	124,000	113,900	90
95	76.6	317.8	123,600	122,800	113,100	123,600	122,800	113,100	95
100	75.6	316.3	120,700	120,200	112,300	120,700	120,200	112,300	100
105	74.7	314.7	117,800	117,400	111,500	117,800	117,400	111,500	105
110	73.7	313.0	115,100	114,700	110,600	115,100	114,700	110,600	110
115	72.8	311.2	112,700	112,200	109,800	112,700	112,200	109,800	115
120	71.8	309.4	110,200	109,800	108,600	110,200	109,800	108,600	120
130	69.9	305.3	105,700	105,300	104,200	105,700	105,300	104,200	130
140	67.9	300.9	101,600	101,200	100,300	101,600	101,200	100,300	140
150	66.0	296.0	97,800	97,500	96,700	97,800	97,500	96,700	150
160	63.9	290.7	94,400	94,100	93,400	94,400	94,100	93,400	160
170	61.9	285.0	91,200	90,900	90,300	91,200	90,900	90,300	170
180	59.8	278.7	88,300	88,100	87,500	88,300	88,100	87,500	180
190	57.6	271.9	85,700	85,400	85,000	85,700	85,400	85,000	190
200	55.4	264.5	83,100	80,900	76,500	83,100	82,900	82,600	200
210	53.1	256.6	75,800	71,600	67,600	80,900	80,700	80,400	210
220	50.7	247.9	66,800	63,000	59,500	78,800	78,600	78,300	220
230	48.3	238.4	58,500	55,200	52,100	76,800	76,600	76,400	230
240	45.7	228.1	50,900	48,000	45,200	75,000	74,800	74,600	240
250	43.0	216.8	43,900	41,300	38,800	73,400	73,200	73,000	250
260	40.1	204.3	37,400	35,100	32,900	71,900	71,700	71,600	260
270	37.1	190.4	31,300	29,300	27,400	70,500	70,400	70,200	270
280	33.8	174.8	25,600	23,800	22,200	69,400	69,200	69,100	280
290	30.1	156.8	20,200	18,700	17,200	68,400	68,300	68,100	290
300									300
310									310

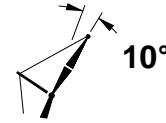
# MLC650 VPC-MAX S-2



301.8 ft



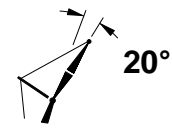
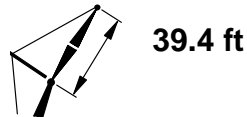
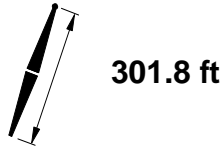
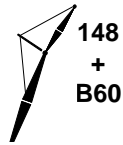
39.4 ft



10°

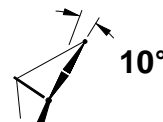
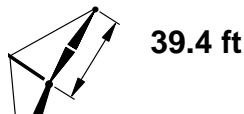
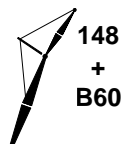
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60	82.4	347.5	143,300			143,300			60
65	81.5	346.7	143,300			143,300			65
70	80.7	345.8	143,300			143,300			70
75	79.8	344.8	143,300			143,300			75
80	79.0	343.7	143,300			143,300			80
85	78.1	342.5	143,300			143,300			85
90	77.3	341.3	143,300			143,300			90
95	76.4	339.9	143,300			143,300			95
100	75.5	338.5	143,300			143,300			100
105	74.6	337.0	143,300			143,300			105
110	73.8	335.5	143,300			143,300			110
115	72.9	333.8	143,300			143,300			115
120	72.0	332.1	142,800			142,800			120
130	70.2	328.3	139,600			139,600			130
140	68.4	324.2	133,200			133,200			140
150	66.6	319.7	126,800			126,800			150
160	64.7	314.8	121,000			121,000			160
170	62.8	309.5	115,800			115,800			170
180	60.9	303.8	103,400			111,000			180
190	58.9	297.6	91,500			106,600			190
200	56.9	290.9	80,800			102,600			200
210	54.8	283.7	71,000			98,900			210
220	52.7	275.9	62,200			95,500			220
230	50.5	267.5	54,200			92,300			230
240	48.2	258.4	46,800			89,400			240
250	45.9	248.5	39,900			86,700			250
260	43.4	237.8	33,600			84,100			260
270	40.8	226.1	27,700			81,800			270
280	38.1	213.2	22,200			79,700			280
290	35.2	198.9	17,100			77,700			290
300	32.0	182.8	12,200			75,800			300
310	28.5	164.5	7,700			74,200			310
320	24.5	142.9				72,800			320
330	19.7	116.0				68,700			330

# MLC650 VPC-MAX S-2



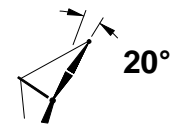
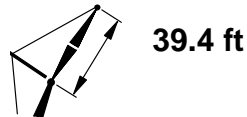
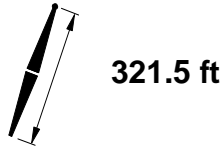
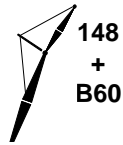
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65	82.5	345.0	142,100			142,100			65
70	81.7	344.1	141,800	127,800		141,800	127,800		70
75	80.8	343.1	139,600	127,600	116,200	139,600	127,600	116,200	75
80	80.0	342.0	136,000	126,400	115,400	136,000	126,400	115,400	80
85	79.1	340.8	132,700	125,300	114,600	132,700	125,300	114,600	85
90	78.2	339.6	129,400	124,200	113,800	129,400	124,200	113,800	90
95	77.4	338.2	126,400	123,100	113,000	126,400	123,100	113,000	95
100	76.5	336.8	123,400	122,100	112,200	123,400	122,100	112,200	100
105	75.6	335.3	120,600	120,200	111,500	120,600	120,200	111,500	105
110	74.7	333.7	118,000	117,500	110,700	118,000	117,500	110,700	110
115	73.8	332.1	115,500	115,100	110,100	115,500	115,100	110,100	115
120	72.9	330.3	113,100	112,600	109,300	113,100	112,600	109,300	120
130	71.1	326.6	108,600	108,200	107,000	108,600	108,200	107,000	130
140	69.3	322.4	104,500	104,100	103,000	104,500	104,100	103,000	140
150	67.5	317.9	100,700	100,400	99,400	100,700	100,400	99,400	150
160	65.6	313.0	97,300	97,000	96,000	97,300	97,000	96,000	160
170	63.7	307.7	94,100	93,800	93,000	94,100	93,800	93,000	170
180	61.7	301.9	91,100	90,800	90,100	91,100	90,800	90,100	180
190	59.7	295.7	88,400	88,100	82,800	88,400	88,100	87,500	190
200	57.7	288.9	83,200	78,000	73,100	85,900	85,600	85,100	200
210	55.6	281.6	73,200	68,700	64,300	83,500	83,300	82,900	210
220	53.5	273.8	64,200	60,100	56,300	81,400	81,100	80,800	220
230	51.3	265.3	56,000	52,300	48,900	79,300	79,100	78,900	230
240	49.0	256.1	48,400	45,100	42,100	77,500	77,200	77,000	240
250	46.6	246.2	41,400	38,500	35,700	75,700	75,500	75,300	250
260	44.1	235.3	34,900	32,300	29,900	74,100	73,900	73,700	260
270	41.5	223.5	28,900	26,600	24,400	72,700	72,500	72,300	270
280	38.7	210.4	23,200	21,200	19,200	71,300	71,100	70,900	280
290	35.8	195.9	17,900	16,100	14,400	70,100	69,900	69,800	290
300	32.6	179.5	12,900	11,400	9,800	69,100	68,900	68,700	300
310	29.0	160.8	8,200	6,800		68,200	68,100	67,900	310
320									320
330									330

# MLC650 VPC-MAX S-2



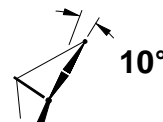
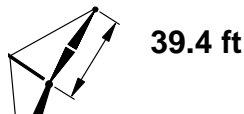
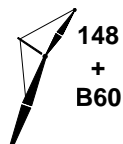
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60	82.8	367.5	143,300			143,300			60
65	82.0	366.7	143,300			143,300			65
70	81.2	365.8	143,300	131,200		143,300	131,200		70
75	80.4	364.8	143,300	130,900	118,600	143,300	130,900	118,600	75
80	79.6	363.8	143,300	130,600	118,500	143,300	130,600	118,500	80
85	78.8	362.7	143,300	130,300	118,200	143,300	130,300	118,200	85
90	78.0	361.5	143,300	130,000	118,000	143,300	130,000	118,000	90
95	77.1	360.3	143,300	129,700	117,800	143,300	129,700	117,800	95
100	76.3	359.0	143,300	129,500	117,600	143,300	129,500	117,600	100
105	75.5	357.6	143,300	129,300	117,500	143,300	129,300	117,500	105
110	74.7	356.1	143,300	129,100	117,400	143,300	129,100	117,400	110
115	73.8	354.5	143,300	128,900	117,200	143,300	128,900	117,200	115
120	73.0	352.9	143,300	128,800	117,100	143,300	128,800	117,100	120
130	71.3	349.4	141,000	127,200	115,500	141,000	127,200	115,500	130
140	69.6	345.5	138,100	125,200	113,900	138,100	125,200	113,900	140
150	67.9	341.3	131,700	123,200	112,400	131,700	123,200	112,400	150
160	66.2	336.8	125,800	118,000	109,500	125,800	121,100	110,900	160
170	64.4	331.8	112,000	104,000	96,600	120,400	119,100	109,400	170
180	62.6	326.5	98,600	91,600	85,000	115,500	114,700	108,000	180
190	60.8	320.7	86,600	80,400	74,600	111,100	110,200	106,600	190
200	58.9	314.6	75,900	70,400	65,200	106,900	106,100	105,000	200
210	57.0	307.9	66,200	61,300	56,600	103,100	102,400	101,400	210
220	55.1	300.8	57,300	52,900	48,800	99,600	98,900	98,000	220
230	53.1	293.1	49,300	45,300	41,600	96,300	95,600	94,900	230
240	51.0	284.9	41,800	38,300	35,000	93,300	92,700	92,000	240
250	48.9	276.0	35,000	31,900	28,800	90,500	89,900	89,400	250
260	46.7	266.4	28,700	25,900	23,200	87,800	87,300	86,800	260
270	44.4	256.0	22,800	20,300	17,900	85,400	84,800	84,400	270
280	42.0	244.8	17,400	15,100	12,900	83,000	82,600	82,200	280
290	39.5	232.5	12,300	10,200	8,300	81,000	80,500	80,100	290
300	36.9	219.1	7,500			78,900	78,500	77,200	300
310	34.0	204.2				75,500	74,600	71,700	310
320	30.9	187.5				70,100	69,200	66,700	320
330	27.5	168.4				64,900	64,200	61,900	330
340	23.6	146.0				60,100	59,400	57,400	340
350	18.9	118.1				55,400	54,800	53,100	350

# MLC650 VPC-MAX S-2



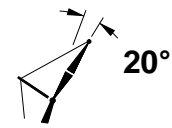
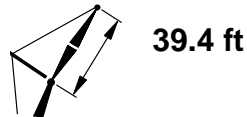
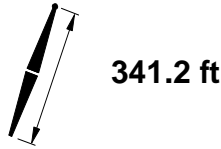
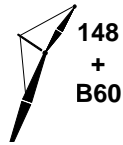
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65	82.9	365.0	141,400			141,400			65
70	82.1	364.1	141,200			141,200			70
75	81.3	363.1	140,900	126,800		140,900	126,800		75
80	80.5	362.1	138,400	126,300	114,700	138,400	126,300	114,700	80
85	79.7	361.0	135,100	125,200	114,100	135,100	125,200	114,100	85
90	78.9	359.8	131,900	124,200	113,400	131,900	124,200	113,400	90
95	78.1	358.6	128,900	123,200	112,600	128,900	123,200	112,600	95
100	77.2	357.3	126,100	122,200	111,900	126,100	122,200	111,900	100
105	76.4	355.8	123,300	121,300	111,200	123,300	121,300	111,200	105
110	75.6	354.4	120,700	120,200	110,600	120,700	120,200	110,600	110
115	74.7	352.8	118,200	117,800	109,900	118,200	117,800	109,900	115
120	73.9	351.2	115,800	115,400	109,300	115,800	115,400	109,300	120
130	72.2	347.6	111,300	111,000	108,000	111,300	111,000	108,000	130
140	70.5	343.7	107,300	106,900	105,600	107,300	106,900	105,600	140
150	68.8	339.5	103,500	103,200	101,900	103,500	103,200	101,900	150
160	67.0	334.9	100,000	99,700	98,600	100,000	99,700	98,600	160
170	65.3	330.0	96,800	96,500	95,500	96,800	96,500	95,500	170
180	63.4	324.6	93,900	93,500	87,900	93,900	93,500	92,600	180
190	61.6	318.8	89,500	83,200	77,300	91,100	90,800	90,000	190
200	59.7	312.6	78,500	72,900	67,700	88,500	88,200	87,500	200
210	57.8	305.9	68,600	63,600	58,900	86,100	85,900	85,200	210
220	55.9	298.7	59,500	55,100	50,900	83,900	83,600	83,100	220
230	53.8	291.0	51,300	47,300	43,500	81,800	81,500	81,100	230
240	51.8	282.7	43,700	40,100	36,700	79,800	79,600	79,300	240
250	49.6	273.7	36,700	33,500	30,400	78,000	77,800	77,600	250
260	47.4	264.1	30,200	27,300	24,600	76,400	76,100	76,000	260
270	45.1	253.6	24,200	21,600	19,100	74,800	74,600	74,500	270
280	42.7	242.2	18,600	16,300	14,000	73,300	73,200	73,000	280
290	40.2	229.8	13,300	11,300	9,300	72,000	71,800	71,700	290
300	37.5	216.2	8,400	6,500		70,800	70,600	70,500	300
310	34.6	201.1				69,800	69,600	69,400	310
320	31.4	184.1				68,800	68,600	67,100	320
330	28.0	164.6				65,300	64,500	62,200	330
340									340
350									350

# MLC650 VPC-MAX S-2



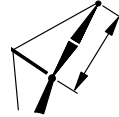
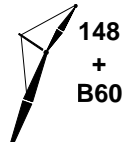
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65	82.4	386.6	143,300			143,300			65
70	81.7	385.8	143,300			143,300			70
75	80.9	384.9	143,300			143,300			75
80	80.1	383.9	143,300			143,300			80
85	79.4	382.9	143,300			143,300			85
90	78.6	381.8	143,300			143,300			90
95	77.8	380.6	143,300			143,300			95
100	77.1	379.3	143,300			143,300			100
105	76.3	378.0	143,300			143,300			105
110	75.5	376.6	143,300			143,300			110
115	74.7	375.1	143,000			143,000			115
120	73.9	373.6	142,800			142,800			120
130	72.3	370.3	142,200			142,200			130
140	70.7	366.6	139,400			139,400			140
150	69.1	362.7	136,400			136,400			150
160	67.5	358.4	130,500			130,500			160
170	65.8	353.8	120,600			120,000			170
180	64.2	348.8	106,500			118,100			180
190	62.4	343.4	93,900			114,500			190
200	60.7	337.7	82,700			110,300			200
210	58.9	331.5	72,400			106,400			210
220	57.1	324.9	63,200			102,800			220
230	55.3	317.9	54,700			99,500			230
240	53.4	310.3	46,900			96,400			240
250	51.5	302.2	39,800			93,500			250
260	49.5	293.5	33,200			90,800			260
270	47.4	284.2	27,000			88,300			270
280	45.3	274.1	21,300			86,000			280
290	43.1	263.3	16,000			83,700			290
300	40.8	251.6	11,000			77,900			300
310	38.3	238.8				73,200			310
320	35.7	224.8				67,800			320
330	33.0	209.3				62,600			330
340	30.0	192.0				57,800			340
350	26.6	172.2				53,300			350
360	22.8	148.9				48,900			360
370	18.2	120.0				44,700			370

# MLC650 VPC-MAX S-2

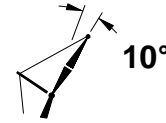


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70	82.6	384.1	140,500			140,500			70
75	81.8	383.2	140,300	125,800		140,300	125,800		75
80	81.0	382.2	139,600	125,700		139,600	125,700		80
85	80.2	381.2	137,300	125,000	113,400	137,300	125,000	113,400	85
90	79.5	380.0	134,200	124,000	112,700	134,200	124,000	112,700	90
95	78.7	378.9	131,300	123,100	112,100	131,300	123,100	112,100	95
100	77.9	377.6	128,500	122,200	111,500	128,500	122,200	111,500	100
105	77.1	376.3	125,800	121,300	110,800	125,800	121,300	110,800	105
110	76.4	374.9	123,200	120,400	110,200	123,200	120,400	110,200	110
115	75.6	373.4	120,800	119,600	109,600	120,800	119,600	109,600	115
120	74.8	371.8	118,400	117,900	109,000	118,400	117,900	109,000	120
130	73.2	368.5	114,000	113,600	107,800	114,000	113,600	107,800	130
140	71.6	364.9	109,900	109,500	106,600	109,900	109,500	106,600	140
150	70.0	360.9	106,100	105,700	104,300	106,100	105,700	104,300	150
160	68.3	356.6	102,700	102,300	101,000	102,700	102,300	101,000	160
170	66.6	351.9	99,400	99,100	97,900	99,400	99,100	97,900	170
180	65.0	346.9	96,400	96,100	94,500	96,400	96,100	95,000	180
190	63.2	341.5	93,700	89,900	83,400	93,700	93,400	92,300	190
200	61.5	335.8	85,400	79,200	73,300	91,100	90,800	89,800	200
210	59.7	329.6	75,000	69,400	64,200	88,700	88,400	87,500	210
220	57.9	322.9	65,500	60,500	55,800	86,400	86,100	85,300	220
230	56.1	315.8	56,900	52,400	48,100	84,200	84,000	83,300	230
240	54.2	308.2	49,000	44,900	41,000	82,200	82,000	81,400	240
250	52.2	300.0	41,600	38,000	34,500	80,400	80,100	79,700	250
260	50.2	291.2	34,900	31,600	28,400	78,600	78,400	78,000	260
270	48.1	281.8	28,600	25,600	22,800	77,000	76,800	76,500	270
280	46.0	271.7	22,700	20,000	17,500	75,500	75,300	75,100	280
290	43.7	260.8	17,300	14,800	12,500	74,100	73,800	73,700	290
300	41.4	248.9	12,100	9,900	7,800	72,700	72,600	72,400	300
310	38.9	236.0	7,300			71,500	71,300	69,700	310
320	36.3	221.8				68,400	67,500	64,500	320
330	33.5	206.1				63,200	62,300	59,700	330
340	30.4	188.5				58,200	57,500	55,100	340
350	27.0	168.3				53,600	52,800	50,700	350
360									360
370									370

# MLC650 VPC-MAX S-2



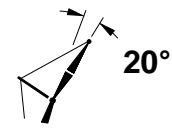
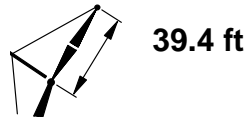
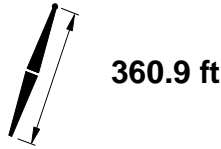
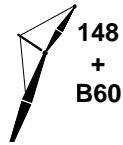
39.4 ft



			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
65	82.8	406.5	143,300			143,300			65
70	82.1	405.7	143,300			143,300			70
75	81.4	404.9	143,300	128,600		143,300	128,600		75
80	80.6	404.0	143,300	128,300	115,900	143,300	128,300	115,900	80
85	79.9	403.0	143,300	128,100	115,700	143,300	128,100	115,700	85
90	79.2	401.9	143,300	127,800	115,600	143,300	127,800	115,600	90
95	78.4	400.8	143,100	127,500	115,400	143,100	127,500	115,400	95
100	77.7	399.6	142,800	127,300	115,200	142,800	127,300	115,200	100
105	77.0	398.4	142,500	127,100	115,100	142,500	127,100	115,100	105
110	76.2	397.0	142,100	126,800	114,900	142,100	126,800	114,900	110
115	75.5	395.6	141,900	126,600	114,700	141,900	126,600	114,700	115
120	74.7	394.2	141,600	126,500	114,700	141,600	126,500	114,700	120
130	73.2	391.0	141,000	126,200	114,500	141,000	126,200	114,500	130
140	71.7	387.6	139,900	125,600	113,600	139,900	125,600	113,600	140
150	70.2	383.9	137,500	123,900	112,300	137,500	123,900	112,300	150
160	68.7	379.9	131,200	120,500	110,600	133,300	122,200	111,100	160
170	67.1	375.5	115,300	105,900	97,200	127,800	120,400	109,800	170
180	65.5	370.8	101,200	92,900	85,200	122,800	118,700	108,600	180
190	63.9	365.8	88,600	81,300	74,400	118,100	117,100	107,500	190
200	62.3	360.4	77,300	70,800	64,600	113,900	113,000	106,300	200
210	60.7	354.6	67,100	61,200	55,700	109,900	109,100	105,200	210
220	59.0	348.5	57,800	52,600	47,600	106,200	105,500	104,200	220
230	57.3	341.9	49,400	44,600	40,100	102,800	102,100	101,400	230
240	55.5	334.9	41,600	37,300	33,300	99,700	99,000	98,400	240
250	53.7	327.4	34,500	30,600	26,900	96,600	96,000	95,500	250
260	51.9	319.5	27,900	24,300	21,000	93,900	93,300	92,700	260
270	50.0	310.9	21,800	18,600	15,500	91,300	90,700	88,400	270
280	48.1	301.8	16,100	13,200	10,400	87,600	86,300	81,800	280
290	46.1	292.1	10,800	8,100		81,000	79,800	75,700	290
300	44.0	281.6				74,900	73,700	70,000	300
310	41.9	270.3				69,100	68,100	64,600	310
320	39.6	258.1				63,700	62,700	59,600	320
330	37.2	244.8				58,700	57,700	54,800	330
340	34.7	230.3				53,900	53,000	50,300	340
350	32.0	214.3				49,300	48,500	46,100	350
360	29.1	196.3				45,000	44,300	42,100	360
370	25.8	175.8				41,000	40,300	38,300	370
380	22.1	151.7				37,100	36,400	34,700	380
390	17.6	121.7				33,300	32,800	31,300	390

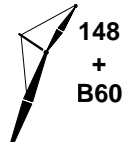


# MLC650 VPC-MAX S-2

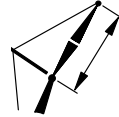


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70	82.9	404.0	139,400			139,400			70
75	82.2	403.2	139,200			139,200			75
80	81.5	402.2	139,000	124,400		139,000	124,400		80
85	80.7	401.3	138,200	124,300	112,500	138,200	124,300	112,500	85
90	80.0	400.2	135,900	123,500	111,900	135,900	123,500	111,900	90
95	79.3	399.1	133,000	122,600	111,400	133,000	122,600	111,400	95
100	78.5	397.9	130,200	121,800	110,800	130,200	121,800	110,800	100
105	77.8	396.6	127,500	121,000	110,200	127,500	121,000	110,200	105
110	77.0	395.3	125,000	120,200	109,600	125,000	120,200	109,600	110
115	76.3	393.9	122,500	119,400	109,100	122,500	119,400	109,100	115
120	75.6	392.4	120,200	118,700	108,600	120,200	118,700	108,600	120
130	74.0	389.3	115,800	115,300	107,500	115,800	115,300	107,500	130
140	72.5	385.8	111,700	111,200	106,500	111,700	111,200	106,500	140
150	71.0	382.1	107,900	107,500	105,400	107,900	107,500	105,400	150
160	69.4	378.0	104,400	104,000	103,300	104,400	104,000	103,300	160
170	67.9	373.7	101,300	100,900	100,200	101,300	100,900	100,200	170
180	66.3	369.0	98,200	96,300	88,500	98,200	97,900	97,300	180
190	64.7	363.9	91,900	84,400	77,400	95,400	95,100	94,600	190
200	63.1	358.5	80,300	73,600	67,400	92,800	92,500	92,000	200
210	61.4	352.7	69,900	63,900	58,300	90,400	90,100	89,700	210
220	59.7	346.5	60,400	55,000	50,000	88,100	87,800	87,500	220
230	58.0	339.9	51,700	46,900	42,400	86,000	85,700	85,400	230
240	56.2	332.8	43,800	39,400	35,300	83,900	83,700	83,500	240
250	54.4	325.3	36,500	32,500	28,800	82,000	81,800	81,600	250
260	52.6	317.3	29,700	26,200	22,800	80,300	80,100	79,900	260
270	50.7	308.7	23,500	20,200	17,100	78,600	78,400	78,300	270
280	48.7	299.5	17,600	14,700	11,900	77,100	76,900	76,700	280
290	46.7	289.7	12,200	9,500	7,000	75,600	75,400	75,300	290
300	44.6	279.1	7,100			74,300	74,100	70,900	300
310	42.5	267.7				70,000	68,900	65,400	310
320	40.2	255.4				64,500	63,500	60,300	320
330	37.8	241.9				59,300	58,400	55,500	330
340	35.2	227.2				54,400	53,600	50,900	340
350	32.5	210.9				49,800	49,000	46,600	350
360	29.5	192.7				45,400	44,700	42,500	360
370	26.2	171.7				41,200	40,600	38,600	370
380									380
390									390

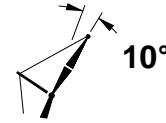
# MLC650 VPC-MAX S-2



380.6 ft



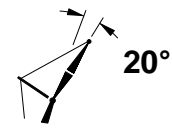
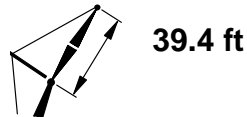
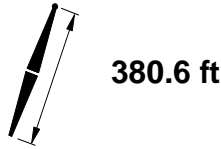
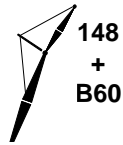
39.4 ft



10°

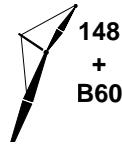
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70	82.5	425.7	143,300			143,300			70
75	81.8	424.8	143,300			143,300			75
80	81.1	424.0	143,100			143,100			80
85	80.4	423.0	142,700			142,700			85
90	79.7	422.0	142,300			142,300			90
95	79.0	421.0	141,900			141,900			95
100	78.3	419.8	141,600			141,600			100
105	77.6	418.7	141,200			141,200			105
110	76.9	417.4	141,000			141,000			110
115	76.2	416.1	140,600			140,600			115
120	75.5	414.7	140,300			140,300			120
130	74.1	411.7	139,800			139,800			130
140	72.6	408.5	139,300			139,300			140
150	71.2	404.9	137,900			137,900			150
160	69.7	401.1	131,000			135,600			160
170	68.2	397.0	115,100			131,000			170
180	66.8	392.6	101,000			125,900			180
190	65.2	387.8	88,400			121,200			190
200	63.7	382.8	77,100			116,900			200
210	62.2	377.4	66,900			112,900			210
220	60.6	371.6	57,600			109,200			220
230	59.0	365.5	49,100			105,700			230
240	57.4	358.9	41,400			102,500			240
250	55.7	352.0	34,200			99,400			250
260	54.0	344.6	27,700			96,700			260
270	52.3	336.7	21,600			94,100			270
280	50.5	328.3	15,900			87,200			280
290	48.7	319.4	10,600			80,600			290
300	46.8	309.9				74,500			300
310	44.9	299.7				68,800			310
320	42.8	288.8				63,400			320
330	40.7	277.0				58,400			330
340	38.5	264.4				53,600			340
350	36.2	250.6				49,100			350
360	33.8	235.6				44,900			360
370	31.1	219.0				40,900			370
380	28.2	200.5				37,000			380
390	25.1	179.3				33,300			390
400	21.4	154.4				29,800			400
410	17.0	123.3				26,400			410

# MLC650 VPC-MAX S-2

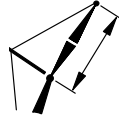


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75	82.6	423.1	138,000			138,000			75
80	81.9	422.3	137,800	122,900		137,800	122,900		80
85	81.2	421.3	137,600	122,800		137,600	122,800		85
90	80.5	420.3	136,800	122,700	110,800	136,800	122,700	110,800	90
95	79.8	419.2	134,800	122,000	110,400	134,800	122,000	110,400	95
100	79.1	418.1	132,000	121,200	109,900	132,000	121,200	109,900	100
105	78.4	416.9	129,300	120,400	109,300	129,300	120,400	109,300	105
110	77.7	415.7	126,800	119,700	108,800	126,800	119,700	108,800	110
115	77.0	414.3	124,400	118,900	108,400	124,400	118,900	108,400	115
120	76.3	412.9	122,000	118,200	107,800	122,000	118,200	107,800	120
130	74.8	409.9	117,700	116,900	107,000	117,700	116,900	107,000	130
140	73.4	406.7	113,600	113,100	106,000	113,600	113,100	106,000	140
150	71.9	403.1	109,900	109,400	105,100	109,900	109,400	105,100	150
160	70.5	399.3	106,400	106,000	104,100	106,400	106,000	104,100	160
170	69.0	395.2	103,100	102,800	99,600	103,100	102,800	102,300	170
180	67.5	390.7	100,200	99,600	87,400	100,200	99,800	99,400	180
190	66.0	386.0	91,700	83,800	76,400	97,300	97,000	96,700	190
200	64.4	380.9	80,100	73,100	66,500	94,700	94,400	94,100	200
210	62.9	375.4	69,700	63,400	57,400	92,200	92,000	91,700	210
220	61.3	369.6	60,200	54,500	49,200	90,000	89,700	89,400	220
230	59.7	363.5	51,600	46,400	41,600	87,700	87,500	87,200	230
240	58.1	356.9	43,700	39,000	34,600	85,700	85,500	85,200	240
250	56.4	349.9	36,400	32,100	28,100	83,800	83,600	83,300	250
260	54.7	342.5	29,600	25,800	22,100	82,100	81,800	81,600	260
270	52.9	334.5	23,400	19,900	16,600	80,300	80,200	79,900	270
280	51.1	326.1	17,600	14,400	11,300	78,800	78,500	78,400	280
290	49.3	317.1	12,100	9,200	6,500	77,300	77,100	76,100	290
300	47.4	307.5	7,100			75,600	74,400	70,300	300
310	45.4	297.2				69,800	68,600	64,900	310
320	43.4	286.2				64,300	63,300	59,800	320
330	41.3	274.4				59,200	58,200	55,000	330
340	39.1	261.6				54,300	53,400	50,500	340
350	36.7	247.7				49,800	48,900	46,200	350
360	34.2	232.4				45,400	44,600	42,100	360
370	31.6	215.6				41,300	40,500	38,300	370
380	28.6	196.7				37,400	36,600	34,600	380
390									390
400									400
410									410

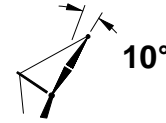
# MLC650 VPC-MAX S-2



400.3 ft



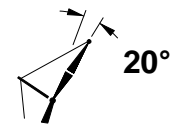
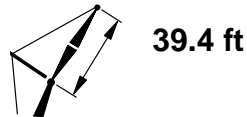
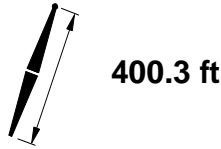
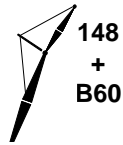
39.4 ft



10°

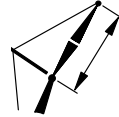
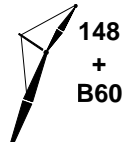
ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.8	445.6	142,500			142,500			70
75	82.1	444.8	142,200			142,200			75
80	81.5	444.0	141,800	125,200		141,800	125,200		80
85	80.8	443.1	141,400	124,900	103,700	141,400	124,900	103,700	85
90	80.2	442.1	141,100	124,700	103,700	141,100	124,700	103,700	90
95	79.5	441.1	140,700	124,500	103,700	140,700	124,500	103,700	95
100	78.8	440.0	140,400	124,300	103,700	140,400	124,300	103,700	100
105	78.2	438.9	140,100	124,100	103,700	140,100	124,100	103,700	105
110	77.5	437.7	139,800	123,900	103,700	139,800	123,900	103,700	110
115	76.8	436.4	139,500	123,700	103,700	139,500	123,700	103,700	115
120	76.1	435.1	139,200	123,500	103,700	139,200	123,500	103,700	120
130	74.8	432.3	138,700	123,200	103,700	138,700	123,200	103,700	130
140	73.4	429.2	138,200	123,000	103,700	138,200	123,000	103,700	140
150	72.1	425.8	137,800	122,700	103,700	137,800	122,700	103,700	150
160	70.7	422.2	126,000	114,100	103,200	136,000	121,800	103,700	160
170	69.3	418.3	110,000	99,500	90,000	133,900	120,400	103,700	170
180	67.9	414.1	95,900	86,600	78,100	129,500	118,900	103,500	180
190	66.4	409.6	83,300	75,000	67,400	124,800	117,500	103,200	190
200	65.0	404.8	71,900	64,600	57,700	120,400	116,100	102,900	200
210	63.5	399.7	61,700	55,100	48,900	116,300	114,800	102,700	210
220	62.0	394.3	52,400	46,500	40,900	112,500	111,600	102,600	220
230	60.5	388.5	43,900	38,600	33,500	109,000	108,200	102,300	230
240	59.0	382.4	36,200	31,300	26,700	105,700	104,900	102,100	240
250	57.5	375.9	29,000	24,600	20,400	102,700	101,900	97,600	250
260	55.9	369.0	22,400	18,400	14,600	97,700	96,100	90,100	260
270	54.3	361.7	16,300	12,600	9,200	90,100	88,600	83,100	270
280	52.6	353.9	10,700	7,300		83,100	81,600	76,600	280
290	50.9	345.7				76,500	75,200	70,500	290
300	49.2	336.9				70,400	69,200	64,900	300
310	47.4	327.6				64,700	63,500	59,500	310
320	45.6	317.7				59,300	58,200	54,600	320
330	43.7	307.1				54,300	53,300	49,900	330
340	41.7	295.8				49,500	48,600	45,400	340
350	39.7	283.6				45,100	44,100	41,200	350
360	37.5	270.5				40,800	40,000	37,300	360
370	35.3	256.2				36,800	36,000	33,500	370
380	32.9	240.7				33,000	32,200	30,000	380
390	30.3	223.6				29,400	28,600	26,600	390
400	27.5	204.5				25,900	25,200	23,300	400
410	24.3	182.6				22,600	22,000	20,200	410
420	20.8	157.0				19,400	18,800	17,300	420

# MLC650 VPC-MAX S-2

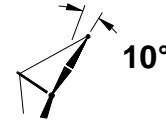


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75	82.9	443.1	136,700			136,700			75
80	82.2	442.2	136,500			136,500			80
85	81.6	441.3	136,300	121,200		136,300	121,200		85
90	80.9	440.4	136,100	121,200	101,700	136,100	121,200	101,700	90
95	80.2	439.4	135,300	121,000	101,700	135,300	121,000	101,700	95
100	79.6	438.3	133,700	120,400	101,700	133,700	120,400	101,700	100
105	78.9	437.1	131,200	119,700	101,700	131,200	119,700	101,700	105
110	78.2	435.9	128,700	119,000	101,700	128,700	119,000	101,700	110
115	77.6	434.7	126,300	118,300	101,700	126,300	118,300	101,700	115
120	76.9	433.4	124,000	117,600	101,700	124,000	117,600	101,700	120
130	75.5	430.5	119,700	116,400	101,700	119,700	116,400	101,700	130
140	74.2	427.4	115,700	115,200	101,700	115,700	115,200	101,700	140
150	72.8	424.0	112,000	111,500	101,700	112,000	111,500	101,700	150
160	71.4	420.4	108,500	108,000	101,700	108,500	108,000	101,700	160
170	70.0	416.5	105,300	103,500	93,700	105,300	104,900	101,500	170
180	68.6	412.3	99,700	90,300	81,600	102,200	101,900	101,300	180
190	67.1	407.8	86,800	78,400	70,700	99,500	99,100	98,800	190
200	65.7	403.0	75,200	67,700	60,800	96,800	96,400	96,200	200
210	64.2	397.8	64,700	58,000	51,800	94,400	94,000	93,700	210
220	62.7	392.4	55,200	49,200	43,500	92,000	91,700	91,400	220
230	61.2	386.6	46,600	41,100	36,000	89,800	89,600	89,200	230
240	59.7	380.4	38,600	33,700	29,000	87,700	87,500	87,200	240
250	58.1	373.9	31,300	26,800	22,600	85,800	85,600	85,300	250
260	56.5	366.9	24,600	20,500	16,600	84,000	83,800	83,500	260
270	54.9	359.6	18,300	14,600	11,000	82,300	82,100	81,800	270
280	53.3	351.7	12,500	9,100		80,700	80,500	77,900	280
290	51.6	343.5	7,100			77,800	76,500	71,800	290
300	49.8	334.6				71,600	70,300	66,000	300
310	48.0	325.2				65,800	64,600	60,600	310
320	46.2	315.2				60,300	59,200	55,500	320
330	44.3	304.6				55,200	54,200	50,700	330
340	42.3	293.1				50,400	49,400	46,200	340
350	40.2	280.9				45,800	44,900	42,000	350
360	38.0	267.6				41,500	40,600	37,900	360
370	35.7	253.2				37,400	36,600	34,100	370
380	33.3	237.5				33,500	32,700	30,400	380
390	30.7	220.1				29,800	29,000	27,000	390
400	27.8	200.6				26,200	25,500	23,600	400
410									410
420									420

# MLC650 VPC-MAX S-2

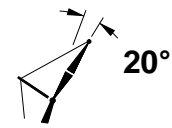
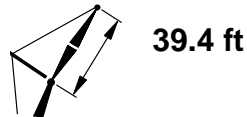
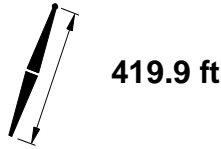
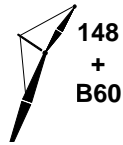


39.4 ft



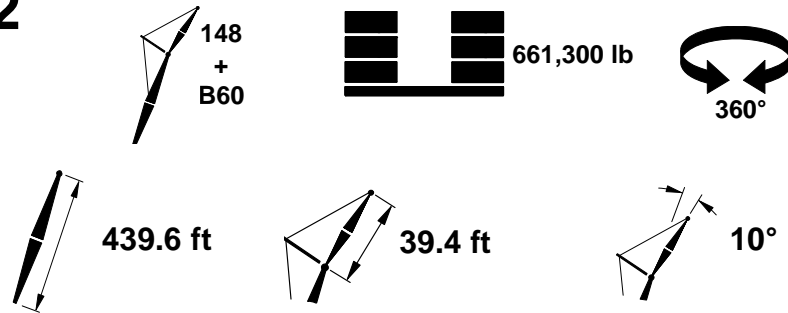
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
ft	°	ft	lb	lb	lb	lb	lb	lb	ft
75	82.5	464.7	140,300			140,300			75
80	81.8	463.9	140,000			140,000			80
85	81.2	463.1	139,700			139,700			85
90	80.6	462.2	139,300			139,300			90
95	79.9	461.2	139,000			139,000			95
100	79.3	460.2	138,700			138,700			100
105	78.7	459.1	138,400			138,400			105
110	78.0	457.9	138,100			138,100			110
115	77.4	456.7	137,900			137,900			115
120	76.8	455.5	137,600			137,600			120
130	75.5	452.8	137,100			137,100			130
140	74.2	449.8	136,600			136,600			140
150	72.9	446.6	136,200			136,200			150
160	71.5	443.2	125,400			135,800			160
170	70.2	439.5	109,400			133,900			170
180	68.9	435.5	95,200			132,100			180
190	67.5	431.2	82,600			128,100			190
200	66.1	426.7	71,300			123,700			200
210	64.8	421.9	61,000			119,500			210
220	63.4	416.7	51,700			115,700			220
230	61.9	411.3	43,200			112,200			230
240	60.5	405.5	35,500			108,800			240
250	59.0	399.4	28,300			105,000			250
260	57.6	392.9	21,700			96,800			260
270	56.0	386.0	15,600			89,300			270
280	54.5	378.8	10,000			82,200			280
290	52.9	371.1				75,700			290
300	51.3	363.0				69,600			300
310	49.7	354.4				63,900			310
320	48.0	345.2				58,600			320
330	46.3	335.6				53,500			330
340	44.5	325.2				48,800			340
350	42.6	314.3				44,400			350
360	40.7	302.5				40,100			360
370	38.7	289.9				36,100			370
380	36.6	276.4				32,300			380
390	34.4	261.7				28,700			390
400	32.0	245.7				25,300			400
410	29.5	228.0				22,000			410
420	26.8	208.3				18,900			420
430	23.7	185.8				15,800			430
440	20.2	159.4				12,400			440

# MLC650 VPC-MAX S-2



ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80	82.6	462.2	134,800			134,800			80
85	81.9	461.3	134,700	119,300		134,700	119,300		85
90	81.3	460.4	134,500	119,300		134,500	119,300		90
95	80.7	459.4	134,300	119,200	82,900	134,300	119,200	82,900	95
100	80.0	458.4	133,500	118,900	82,900	133,500	118,900	82,900	100
105	79.4	457.3	132,600	118,400	82,900	132,600	118,400	82,900	105
110	78.8	456.2	130,400	117,800	82,900	130,400	117,800	82,900	110
115	78.1	455.0	128,100	117,200	82,900	128,100	117,200	82,900	115
120	77.5	453.7	125,800	116,600	82,900	125,800	116,600	82,900	120
130	76.2	451.0	121,500	115,400	82,900	121,500	115,400	82,900	130
140	74.9	448.0	117,600	114,300	82,900	117,600	114,300	82,900	140
150	73.6	444.8	113,900	113,300	82,800	113,900	113,300	82,800	150
160	72.2	441.4	110,400	110,000	82,600	110,400	110,000	82,600	160
170	70.9	437.6	107,200	102,400	82,300	107,200	106,800	82,300	170
180	69.5	433.6	99,100	89,200	80,100	104,200	103,800	82,100	180
190	68.2	429.4	86,200	77,400	69,300	101,400	101,000	81,800	190
200	66.8	424.8	74,600	66,700	59,400	98,700	98,400	81,700	200
210	65.4	420.0	64,100	57,000	50,500	96,300	95,900	81,400	210
220	64.0	414.8	54,600	48,200	42,300	93,900	93,600	81,200	220
230	62.6	409.3	46,000	40,200	34,800	91,800	91,400	81,100	230
240	61.1	403.5	38,000	32,800	27,800	89,700	89,400	80,900	240
250	59.7	397.4	30,700	25,900	21,400	87,800	87,400	80,600	250
260	58.2	390.9	24,000	19,600	15,500	85,900	85,600	80,400	260
270	56.7	384.0	17,700	13,700	9,900	84,100	83,900	80,200	270
280	55.1	376.7	11,900	8,200		82,500	82,200	76,900	280
290	53.5	368.9	6,500			77,000	75,700	70,700	290
300	51.9	360.8				70,900	69,600	65,000	300
310	50.3	352.1				65,100	63,900	59,600	310
320	48.6	342.9				59,600	58,500	54,600	320
330	46.8	333.1				54,500	53,500	49,800	330
340	45.0	322.8				49,700	48,700	45,300	340
350	43.1	311.7				45,200	44,200	41,100	350
360	41.2	299.8				40,900	40,000	37,100	360
370	39.2	287.1				36,800	35,900	33,200	370
380	37.1	273.4				32,900	32,100	29,600	380
390	34.8	258.6				29,200	28,500	26,200	390
400	32.4	242.3				25,700	25,000	22,900	400
410	29.9	224.4				22,400	21,700	19,700	410
420	27.1	204.3				19,100	18,500	16,700	420
430									430
440									440

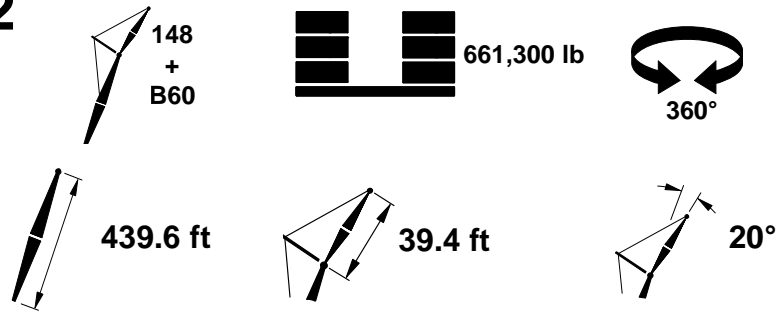
# MLC650 VPC-MAX S-2



			38.7 ft		60.0 ft		
			0° lb	1° lb	0° lb	1° lb	
75	82.8	484.6	138,400		138,400		75
80	82.2	483.9	138,100		138,100		80
85	81.6	483.0	137,800	102,400	137,800	102,400	85
90	81.0	482.2	137,500	102,400	137,500	102,400	90
95	80.4	481.2	137,200	102,400	137,200	102,400	95
100	79.8	480.3	136,900	102,400	136,900	102,400	100
105	79.1	479.2	136,600	102,400	136,600	102,400	105
110	78.5	478.1	136,400	102,400	136,400	102,400	110
115	77.9	477.0	136,100	102,400	136,100	102,400	115
120	77.3	475.8	135,900	102,400	135,900	102,400	120
130	76.1	473.2	135,400	102,400	135,400	102,400	130
140	74.8	470.4	135,000	102,400	135,000	102,400	140
150	73.6	467.3	134,500	102,300	134,500	102,300	150
160	72.3	464.0	120,300	102,300	134,300	102,300	160
170	71.1	460.5	104,300	92,800	133,600	102,100	170
180	69.8	456.7	90,100	79,900	131,900	101,800	180
190	68.5	452.6	77,500	68,400	130,200	101,500	190
200	67.2	448.3	66,100	58,000	121,600	101,200	200
210	65.9	443.7	55,900	48,500	121,600	100,900	210
220	64.5	438.9	46,500	39,900	118,700	100,500	220
230	63.2	433.7	38,000	32,000	115,000	100,300	230
240	61.8	428.2	30,300	24,800	109,700	100,000	240
250	60.5	422.4	23,100	18,100	100,900	99,000	250
260	59.1	416.3	16,500	12,000	92,700	91,000	260
270	57.6	409.9	10,400		85,100	83,500	270
280	56.2	403.1			78,100	76,600	280
290	54.7	395.9			71,600	70,200	290
300	53.2	388.3			65,500	64,200	300
310	51.7	380.3			59,800	58,600	310
320	50.1	371.8			54,500	53,300	320
330	48.5	362.8			49,500	48,300	330
340	46.9	353.3			44,700	43,700	340
350	45.2	343.3			40,300	39,300	350
360	43.4	332.6			36,100	35,100	360
370	41.6	321.2			32,100	31,200	370
380	39.7	309.1			28,300	27,400	380
390	37.8	296.1			24,700	23,900	390
400	35.7	282.1			21,300	20,500	400
410	33.6	267.0			18,000	17,300	410
420	31.3	250.5			14,800	14,200	420
430	28.8	232.3			10,900	11,200	430
440	26.1	212.0			7,200	8,400	440

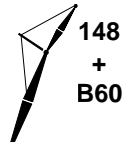


# MLC650 VPC-MAX S-2

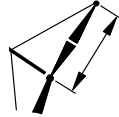


			38.7 ft		60.0 ft		
			0° lb	1° lb	0° lb	1° lb	
75							75
80	82.9	482.1	133,000		133,000		80
85	82.3	481.3	132,900		132,900		85
90	81.7	480.4	132,700	100,800	132,700	100,800	90
95	81.1	479.5	132,600	100,800	132,600	100,800	95
100	80.5	478.5	132,500	100,800	132,500	100,800	100
105	79.8	477.5	131,700	100,800	131,700	100,800	105
110	79.2	476.4	130,900	100,800	130,900	100,800	110
115	78.6	475.2	129,600	100,800	129,600	100,800	115
120	78.0	474.0	127,400	100,800	127,400	100,800	120
130	76.8	471.4	123,200	100,800	123,200	100,800	130
140	75.5	468.6	119,300	100,800	119,300	100,800	140
150	74.3	465.5	115,600	100,700	115,600	100,700	150
160	73.0	462.2	112,200	100,600	112,200	100,600	160
170	71.7	458.7	108,700	97,000	109,000	100,300	170
180	70.4	454.8	94,200	83,800	106,000	100,100	180
190	69.1	450.8	81,300	72,000	103,200	99,800	190
200	67.8	446.4	69,700	61,400	100,600	99,500	200
210	66.5	441.8	59,200	51,700	98,100	97,700	210
220	65.2	436.9	49,600	42,900	95,700	95,400	220
230	63.8	431.8	40,900	34,800	93,500	93,300	230
240	62.5	426.3	33,000	27,400	91,400	91,200	240
250	61.1	420.5	25,700	20,600	89,500	89,200	250
260	59.7	414.3	18,900	14,300	87,700	87,400	260
270	58.2	407.8	12,600	8,400	85,900	85,200	270
280	56.8	401.0	6,800		79,700	78,200	280
290	55.3	393.8			73,000	71,600	290
300	53.8	386.1			66,900	65,500	300
310	52.3	378.0			61,100	59,800	310
320	50.7	369.5			55,700	54,500	320
330	49.1	360.5			50,600	49,400	330
340	47.4	350.9			45,800	44,700	340
350	45.7	340.8			41,200	40,200	350
360	43.9	330.1			36,900	36,000	360
370	42.1	318.6			32,900	32,000	370
380	40.2	306.4			29,000	28,100	380
390	38.2	293.2			25,300	24,500	390
400	36.2	279.1			21,800	21,100	400
410	34.0	263.8			18,500	17,800	410
420	31.6	247.1			15,300	14,600	420
430	29.1	228.6			11,400	11,600	430
440	26.4	207.9			7,500	8,700	440

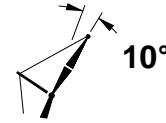
# MLC650 VPC-MAX S-2



144.4 ft



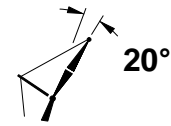
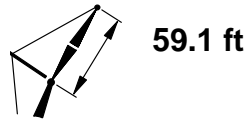
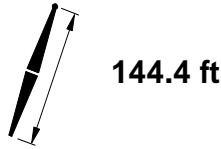
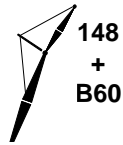
59.1 ft



10°

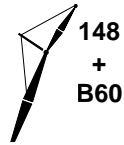
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
45	82.9	210.0	113,700c			113,700c			45
50	81.5	208.9	110,600b			110,600b			50
55	80.1	207.7	107,600b			107,600b			55
60	78.6	206.4	104,700			104,700			60
65	77.1	204.9	102,000			102,000			65
70	75.7	203.3	99,500			99,500			70
75	74.2	201.5	97,200			97,200			75
80	72.7	199.6	94,800			94,800			80
85	71.1	197.6	92,700			92,700			85
90	69.6	195.3	89,000			89,000			90
95	68.0	193.0	85,300			85,300			95
100	66.5	190.4	82,000			82,000			100
105	64.9	187.7	78,800			78,800			105
110	63.2	184.8	75,900			75,900			110
115	61.6	181.7	73,300			73,300			115
120	59.9	178.4	70,800			70,800			120
130	56.4	171.1	66,300			66,300			130
140	52.8	162.8	62,400			62,400			140
150	48.9	153.3	59,000			59,000			150
160	44.7	142.4	56,000			56,000			160
170	40.2	129.7	53,300			53,300			170
180	35.0	114.5	51,000			51,000			180
190	29.0	95.5	49,000			49,000			190
200	21.1	69.1	47,500			47,500			200

# MLC650 VPC-MAX S-2

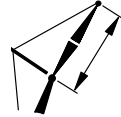


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
45									45
50									50
55	82.5	205.5	91,200c			91,200c			55
60	81.1	204.2	87,100b			87,100b			60
65	79.6	202.7	83,300b			83,300b			65
70	78.1	201.1	79,800			79,800			70
75	76.6	199.3	76,700			76,700			75
80	75.1	197.4	73,800			73,800			80
85	73.5	195.3	71,100			71,100			85
90	72.0	193.1	68,700			68,700			90
95	70.4	190.6	66,300			66,300			95
100	68.8	188.1	64,200			64,200			100
105	67.2	185.3	62,200			62,200			105
110	65.5	182.3	60,300			60,300			110
115	63.8	179.2	58,600			58,600			115
120	62.1	175.8	57,000			57,000			120
130	58.6	168.4	54,100			54,100			130
140	54.9	160.0	51,500			51,500			140
150	50.9	150.3	49,200			49,200			150
160	46.7	139.2	47,200			47,200			160
170	42.0	126.1	45,500			45,500			170
180	36.7	110.4	44,000			44,000			180
190	30.3	90.4	42,900			42,900			190
200									200

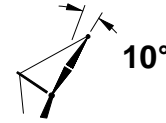
# MLC650 VPC-MAX S-2



164.0 ft



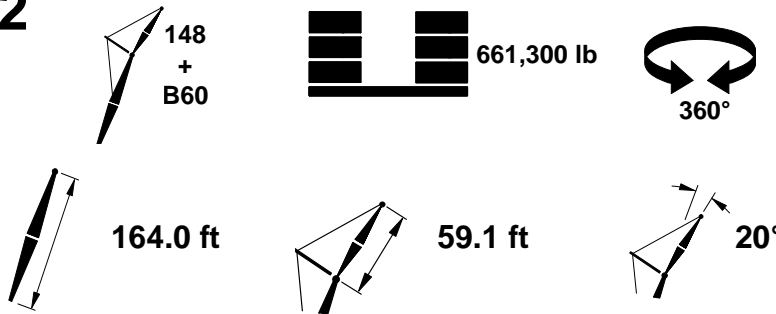
59.1 ft



10°

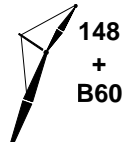
ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
50	82.3	229.0	111,900 <sup>b</sup>			111,900 <sup>b</sup>			50
55	81.0	227.9	109,100	96,000	85,900 <sup>b</sup>	109,100	96,000	85,900 <sup>b</sup>	55
60	79.6	226.7	106,500	94,000	84,300	106,500	94,000	84,300	60
65	78.3	225.3	103,900	92,000	82,700	103,900	92,000	82,700	65
70	77.0	223.9	101,500	90,200	81,200	101,500	90,200	81,200	70
75	75.6	222.3	99,300	88,300	79,800	99,300	88,300	79,800	75
80	74.3	220.6	97,100	86,700	78,400	97,100	86,700	78,400	80
85	72.9	218.7	95,100	85,100	77,100	95,100	85,100	77,100	85
90	71.5	216.7	93,100	83,500	75,800	93,100	83,500	75,800	90
95	70.1	214.6	90,300	82,000	74,600	90,300	82,000	74,600	95
100	68.7	212.3	86,800	80,600	73,400	86,800	80,600	73,400	100
105	67.3	209.9	83,600	79,200	72,300	83,600	79,200	72,300	105
110	65.8	207.3	80,700	78,000	71,200	80,700	78,000	71,200	110
115	64.4	204.6	77,900	76,700	70,200	77,900	76,700	70,200	115
120	62.9	201.7	75,300	74,800	69,200	75,300	74,800	69,200	120
130	59.9	195.3	70,700	70,200	67,300	70,700	70,200	67,300	130
140	56.7	188.1	66,600	66,200	65,600	66,600	66,200	65,600	140
150	53.4	180.1	63,000	62,600	62,200	63,000	62,600	62,200	150
160	49.9	171.0	59,900	59,500	59,100	59,900	59,500	59,100	160
170	46.3	160.7	57,000	56,700	56,300	57,000	56,700	56,300	170
180	42.3	149.0	54,500	54,200	53,900	54,500	54,200	53,900	180
190	38.0	135.3	52,300	51,900	51,700	52,300	51,900	51,700	190
200	33.1	119.1	50,300	50,000	49,800	50,300	50,000	49,800	200
210	27.3	98.8	48,600	48,300	48,100	48,600	48,300	48,100	210
220	19.6	70.7	47,300	47,100	46,900	47,300	47,100	46,900	220

# MLC650 VPC-MAX S-2

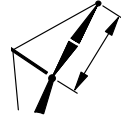


			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
50									50
55									55
60	81.9	224.5	89,200	84,200		89,200	84,200		60
65	80.6	223.1	85,600	82,700	75,100 <sup>b</sup>	85,600	82,700	75,100 <sup>b</sup>	65
70	79.2	221.6	82,300	81,300	73,900	82,300	81,300	73,900	70
75	77.8	220.0	79,300	78,900	72,900	79,300	78,900	72,900	75
80	76.5	218.3	76,400	76,100	71,800	76,400	76,100	71,800	80
85	75.1	216.4	73,800	73,500	70,800	73,800	73,500	70,800	85
90	73.7	214.4	71,400	71,000	69,900	71,400	71,000	69,900	90
95	72.3	212.3	69,100	68,800	67,900	69,100	68,800	67,900	95
100	70.9	210.0	67,000	66,700	65,800	67,000	66,700	65,800	100
105	69.4	207.5	65,000	64,700	64,000	65,000	64,700	64,000	105
110	68.0	204.9	63,100	62,900	62,200	63,100	62,900	62,200	110
115	66.5	202.1	61,400	61,200	60,600	61,400	61,200	60,600	115
120	65.0	199.2	59,800	59,600	59,000	59,800	59,600	59,000	120
130	61.9	192.7	56,800	56,600	56,200	56,800	56,600	56,200	130
140	58.7	185.4	54,100	53,900	53,700	54,100	53,900	53,700	140
150	55.3	177.2	51,800	51,600	51,400	51,800	51,600	51,400	150
160	51.8	168.0	49,600	49,500	49,400	49,600	49,500	49,400	160
170	48.0	157.5	47,800	47,600	47,500	47,800	47,600	47,500	170
180	44.0	145.5	46,200	46,000	45,900	46,200	46,000	45,900	180
190	39.5	131.4	44,700	44,600	44,500	44,700	44,600	44,500	190
200	34.5	114.6	43,500	43,500	43,300	43,500	43,500	43,300	200
210	28.3	93.3	42,700	42,600	42,500	42,700	42,600	42,500	210
220									220

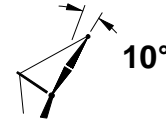
# MLC650 VPC-MAX S-2



183.7 ft



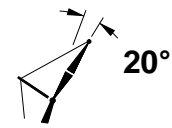
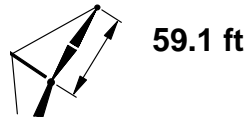
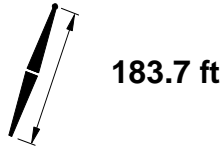
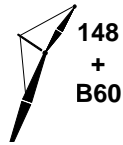
59.1 ft



10°

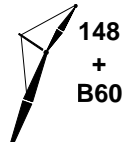
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
50	82.9	249.0	113,100			113,100			50
55	81.7	248.0	110,500	96,900		110,500	96,900		55
60	80.5	246.9	107,900	95,000	85,000	107,900	95,000	85,000	60
65	79.3	245.7	105,600	93,200	83,600	105,600	93,200	83,600	65
70	78.1	244.3	103,300	91,500	82,200	103,300	91,500	82,200	70
75	76.8	242.9	101,200	89,800	80,900	101,200	89,800	80,900	75
80	75.6	241.3	99,100	88,100	79,600	99,100	88,100	79,600	80
85	74.4	239.7	97,100	86,600	78,300	97,100	86,600	78,300	85
90	73.1	237.8	95,200	85,100	77,100	95,200	85,100	77,100	90
95	71.8	235.9	93,400	83,700	75,900	93,400	83,700	75,900	95
100	70.6	233.9	91,400	82,300	74,800	91,400	82,300	74,800	100
105	69.3	231.7	88,200	81,000	73,700	88,200	81,000	73,700	105
110	68.0	229.3	85,100	79,800	72,700	85,100	79,800	72,700	110
115	66.7	226.9	82,300	78,600	71,700	82,300	78,600	71,700	115
120	65.3	224.3	79,700	77,300	70,700	79,700	77,300	70,700	120
130	62.6	218.6	74,900	74,300	68,800	74,900	74,300	68,800	130
140	59.8	212.2	70,600	70,200	67,200	70,600	70,200	67,200	140
150	56.9	205.2	66,900	66,500	65,600	66,900	66,500	65,600	150
160	53.9	197.3	63,600	63,200	62,700	63,600	63,200	62,700	160
170	50.8	188.6	60,600	60,200	59,800	60,600	60,200	59,800	170
180	47.5	178.8	57,900	57,600	57,200	57,900	57,600	57,200	180
190	44.0	167.7	55,500	55,200	54,900	55,500	55,200	54,900	190
200	40.2	155.2	53,300	53,000	52,700	53,300	53,000	52,700	200
210	36.0	140.7	51,400	51,100	50,800	51,400	51,100	50,800	210
220	31.3	123.4	49,700	49,400	49,200	49,700	49,400	49,200	220
230	25.8	102.0	48,200	48,000	47,800	48,200	48,000	47,800	230

# MLC650 VPC-MAX S-2

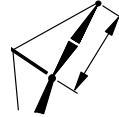


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
50									50
55									55
60	82.6	244.6	91,100			91,100			60
65	81.4	243.4	87,700	83,300		87,700	83,300		65
70	80.1	242.0	84,500	82,100	74,600	84,500	82,100	74,600	70
75	78.9	240.6	81,500	80,800	73,500	81,500	80,800	73,500	75
80	77.6	239.0	78,800	78,400	72,600	78,800	78,400	72,600	80
85	76.4	237.3	76,200	75,800	71,600	76,200	75,800	71,600	85
90	75.1	235.5	73,800	73,500	70,700	73,800	73,500	70,700	90
95	73.8	233.5	71,500	71,300	69,900	71,500	71,300	69,900	95
100	72.5	231.4	69,500	69,200	68,200	69,500	69,200	68,200	100
105	71.2	229.2	67,500	67,300	66,400	67,500	67,300	66,400	105
110	69.9	226.9	65,600	65,400	64,600	65,600	65,400	64,600	110
115	68.6	224.4	63,900	63,700	63,000	63,900	63,700	63,000	115
120	67.2	221.7	62,300	62,000	61,400	62,300	62,000	61,400	120
130	64.5	216.0	59,300	59,000	58,600	59,300	59,000	58,600	130
140	61.7	209.6	56,600	56,400	56,000	56,600	56,400	56,000	140
150	58.7	202.4	54,100	54,000	53,700	54,100	54,000	53,700	150
160	55.7	194.4	52,000	51,900	51,700	52,000	51,900	51,700	160
170	52.5	185.5	50,100	49,900	49,800	50,100	49,900	49,800	170
180	49.2	175.6	48,300	48,200	48,000	48,300	48,200	48,000	180
190	45.6	164.3	46,800	46,600	46,500	46,800	46,600	46,500	190
200	41.7	151.4	45,400	45,300	45,100	45,400	45,300	45,100	200
210	37.4	136.5	44,200	44,100	43,900	44,200	44,100	43,900	210
220	32.5	118.6	43,200	43,100	43,100	43,200	43,100	43,100	220
230									230

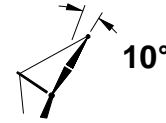
# MLC650 VPC-MAX S-2



203.4 ft



59.1 ft

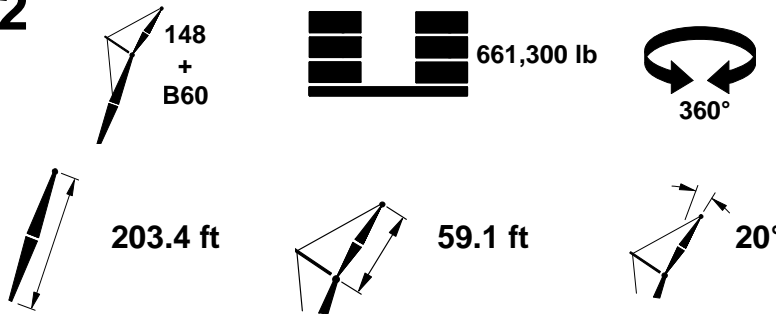


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
55	82.3	268.0	111,400			111,400			55
60	81.2	267.0	109,100	95,800		109,100	95,800		60
65	80.1	265.9	106,900	94,000	84,200	106,900	94,000	84,200	65
70	79.0	264.7	104,700	92,400	82,900	104,700	92,400	82,900	70
75	77.8	263.3	102,700	90,800	81,600	102,700	90,800	81,600	75
80	76.7	261.9	100,700	89,300	80,400	100,700	89,300	80,400	80
85	75.6	260.4	98,800	87,800	79,300	98,800	87,800	79,300	85
90	74.4	258.7	97,000	86,400	78,000	97,000	86,400	78,000	90
95	73.3	256.9	95,300	85,100	77,000	95,300	85,100	77,000	95
100	72.1	255.1	93,600	83,800	75,900	93,600	83,800	75,900	100
105	70.9	253.1	92,000	82,500	74,900	92,000	82,500	74,900	105
110	69.7	250.9	89,300	81,300	73,800	89,300	81,300	73,800	110
115	68.5	248.7	86,400	80,100	72,900	86,400	80,100	72,900	115
120	67.3	246.3	83,700	79,000	72,000	83,700	79,000	72,000	120
130	64.9	241.2	78,800	76,800	70,200	78,800	76,800	70,200	130
140	62.4	235.5	74,500	73,900	68,500	74,500	73,900	68,500	140
150	59.8	229.2	70,700	70,100	67,000	70,700	70,100	67,000	150
160	57.1	222.2	67,200	66,700	65,600	67,200	66,700	65,600	160
170	54.4	214.5	64,100	63,700	63,200	64,100	63,700	63,200	170
180	51.5	206.1	61,300	60,900	60,400	61,300	60,900	60,400	180
190	48.5	196.6	58,700	58,400	58,000	58,700	58,400	58,000	190
200	45.4	186.1	56,400	56,100	55,700	56,400	56,100	55,700	200
210	42.0	174.4	54,400	54,000	53,700	54,400	54,000	53,700	210
220	38.4	161.1	52,400	52,100	51,900	52,400	52,100	51,900	220
230	34.4	145.7	50,800	50,500	50,300	50,800	50,500	50,300	230
240	29.8	127.5	49,300	49,000	48,800	49,300	49,000	48,800	240
250	24.4	104.8	48,000	47,800	47,600	48,000	47,800	47,600	250

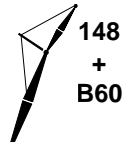


# MLC650 VPC-MAX S-2

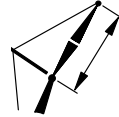


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60									60
65	82.0	263.6	89,400			89,400			65
70	80.9	262.3	86,400			86,400			70
75	79.7	261.0	83,500			83,500			75
80	78.6	259.5	80,800			80,800			80
85	77.4	258.0	78,300			78,300			85
90	76.3	256.3	76,000			76,000			90
95	75.1	254.5	73,800			73,800			95
100	73.9	252.6	71,700			71,700			100
105	72.8	250.6	69,800			69,800			105
110	71.6	248.5	68,000			68,000			110
115	70.4	246.2	66,200			66,200			115
120	69.1	243.8	64,600			64,600			120
130	66.7	238.6	61,600			61,600			130
140	64.1	232.8	58,900			58,900			140
150	61.5	226.5	56,400			56,400			150
160	58.8	219.4	54,200			54,200			160
170	56.0	211.6	52,200			52,200			170
180	53.1	203.0	50,400			50,400			180
190	50.1	193.4	48,800			48,800			190
200	46.8	182.7	47,200			47,200			200
210	43.4	170.7	45,900			45,900			210
220	39.7	157.0	44,800			44,800			220
230	35.6	141.2	43,800			43,800			230
240	30.8	122.3	43,000			43,000			240
250									250

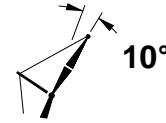
# MLC650 VPC-MAX S-2



223.1 ft



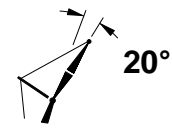
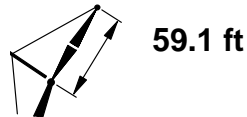
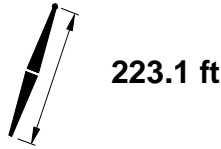
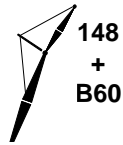
59.1 ft



10°

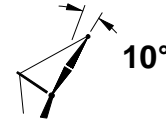
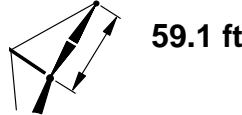
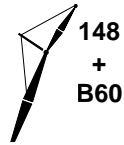
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55	82.9	288.0	112,100			112,100			55
60	81.8	287.1	109,900	96,200		109,900	96,200		60
65	80.8	286.1	107,800	94,600	84,500	107,800	94,600	84,500	65
70	79.8	284.9	105,800	93,100	83,300	105,800	93,100	83,300	70
75	78.7	283.7	103,800	91,600	82,100	103,800	91,600	82,100	75
80	77.7	282.4	102,000	90,200	81,000	102,000	90,200	81,000	80
85	76.6	280.9	100,200	88,800	79,900	100,200	88,800	79,900	85
90	75.6	279.4	98,500	87,400	78,900	98,500	87,400	78,900	90
95	74.5	277.8	96,800	86,200	77,700	96,800	86,200	77,700	95
100	73.4	276.0	95,200	84,900	76,800	95,200	84,900	76,800	100
105	72.3	274.2	93,700	83,700	75,800	93,700	83,700	75,800	105
110	71.2	272.2	92,200	82,600	74,900	92,200	82,600	74,900	110
115	70.1	270.2	90,200	81,400	73,900	90,200	81,400	73,900	115
120	69.0	268.0	87,500	80,400	73,000	87,500	80,400	73,000	120
130	66.8	263.3	82,600	78,200	71,300	82,600	78,200	71,300	130
140	64.5	258.1	78,100	76,300	69,700	78,100	76,300	69,700	140
150	62.2	252.4	74,200	73,500	68,300	74,200	73,500	68,300	150
160	59.8	246.1	70,600	70,100	66,800	70,600	70,100	66,800	160
170	57.3	239.3	67,400	66,900	65,500	67,400	66,900	65,500	170
180	54.8	231.7	64,500	64,000	63,600	64,500	64,000	63,600	180
190	52.1	223.4	61,800	61,400	61,000	61,800	61,400	61,000	190
200	49.4	214.3	59,400	59,000	58,700	59,400	59,000	58,700	200
210	46.5	204.3	57,200	56,800	56,500	57,200	56,800	56,500	210
220	43.5	193.1	55,200	54,900	54,500	55,200	54,900	54,500	220
230	40.2	180.7	53,400	53,100	52,800	53,400	53,100	52,800	230
240	36.7	166.6	51,700	51,400	51,200	51,700	51,400	51,200	240
250	32.9	150.4	50,200	50,000	49,200	50,200	50,000	49,700	250
260	28.5	131.3	46,400	44,900	43,500	48,900	48,700	48,400	260
270	23.2	107.5	40,400	39,200	38,100	47,800	47,600	47,400	270

# MLC650 VPC-MAX S-2



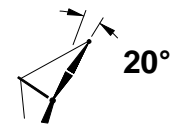
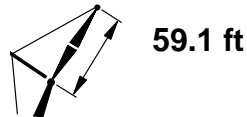
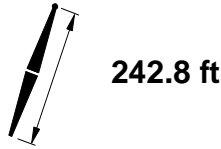
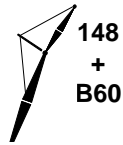
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60									60
65	82.6	283.7	90,900			90,900			65
70	81.5	282.5	88,000			88,000			70
75	80.5	281.3	85,200			85,200			75
80	79.4	279.9	82,700			82,700			80
85	78.4	278.5	80,200			80,200			85
90	77.3	277.0	77,900			77,900			90
95	76.2	275.3	75,800			75,800			95
100	75.1	273.6	73,800			73,800			100
105	74.0	271.7	71,900			71,900			105
110	72.9	269.7	70,000			70,000			110
115	71.8	267.7	68,400			68,400			115
120	70.7	265.5	66,700			66,700			120
130	68.5	260.7	63,700			63,700			130
140	66.1	255.5	61,000			61,000			140
150	63.8	249.7	58,500			58,500			150
160	61.4	243.3	56,300			56,300			160
170	58.9	236.4	54,300			54,300			170
180	56.3	228.7	52,400			52,400			180
190	53.6	220.3	50,700			50,700			190
200	50.8	211.1	49,100			49,100			200
210	47.9	200.9	47,700			47,700			210
220	44.8	189.5	46,400			46,400			220
230	41.5	176.8	45,300			45,300			230
240	37.9	162.4	44,300			44,300			240
250	33.9	145.7	43,500			43,500			250
260	29.3	125.8	42,800			42,800			260
270									270

# MLC650 VPC-MAX S-2



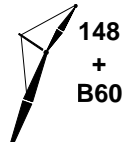
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
60	82.4	307.1	110,500			110,500			60
65	81.4	306.1	108,600	95,000		108,600	95,000		65
70	80.4	305.1	106,700	93,600	83,600	106,700	93,600	83,600	70
75	79.5	303.9	104,900	92,200	82,500	104,900	92,200	82,500	75
80	78.5	302.7	103,100	90,900	81,500	103,100	90,900	81,500	80
85	77.5	301.4	101,400	89,600	80,400	101,400	89,600	80,400	85
90	76.5	300.0	99,800	88,300	79,400	99,800	88,300	79,400	90
95	75.5	298.4	98,200	87,100	78,500	98,200	87,100	78,500	95
100	74.5	296.8	96,600	85,900	77,500	96,600	85,900	77,500	100
105	73.5	295.1	95,200	84,700	76,500	95,200	84,700	76,500	105
110	72.5	293.3	93,700	83,700	75,700	93,700	83,700	75,700	110
115	71.5	291.4	92,300	82,500	74,800	92,300	82,500	74,800	115
120	70.5	289.4	91,000	81,500	73,900	91,000	81,500	73,900	120
130	68.4	285.1	86,100	79,500	72,300	86,100	79,500	72,300	130
140	66.3	280.3	81,600	77,600	70,800	81,600	77,600	70,800	140
150	64.2	275.1	77,600	75,800	69,200	77,600	75,800	69,200	150
160	62.0	269.3	73,900	73,300	67,900	73,900	73,300	67,900	160
170	59.8	263.1	70,600	70,000	66,700	70,600	70,000	66,700	170
180	57.5	256.3	67,600	67,100	65,400	67,600	67,100	65,400	180
190	55.1	248.9	64,800	64,400	64,000	64,800	64,400	64,000	190
200	52.6	240.8	62,400	62,000	61,500	62,400	62,000	61,500	200
210	50.1	231.9	60,000	59,700	59,300	60,000	59,700	59,300	210
220	47.5	222.2	57,900	57,600	57,300	57,900	57,600	57,300	220
230	44.7	211.6	56,000	55,700	55,400	56,000	55,700	55,400	230
240	41.8	199.8	54,300	52,800	50,500	54,300	53,900	53,600	240
250	38.6	186.7	48,700	46,500	44,500	52,600	52,300	52,100	250
260	35.3	171.9	42,500	40,600	38,900	51,100	50,900	50,600	260
270	31.5	154.9	36,700	35,100	33,600	49,800	49,600	49,300	270
280	27.3	134.9	31,200	29,900	28,700	48,600	48,400	48,200	280
290	22.2	109.9	26,000	24,900	23,900	47,600	47,400	47,200	290

# MLC650 VPC-MAX S-2

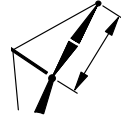


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70	82.1	302.7	89,500			89,500			70
75	81.1	301.5	86,800			86,800			75
80	80.1	300.2	84,300			84,300			80
85	79.2	298.9	82,000			82,000			85
90	78.2	297.5	79,800			79,800			90
95	77.2	296.0	77,600			77,600			95
100	76.2	294.3	75,700			75,700			100
105	75.1	292.6	73,800			73,800			105
110	74.1	290.8	72,000			72,000			110
115	73.1	288.9	70,300			70,300			115
120	72.1	286.8	68,700			68,700			120
130	70.0	282.5	65,700			65,700			130
140	67.9	277.6	63,000			63,000			140
150	65.7	272.4	60,600			60,600			150
160	63.5	266.6	58,300			58,300			160
170	61.2	260.3	56,200			56,200			170
180	58.9	253.4	54,300			54,300			180
190	56.5	245.8	52,600			52,600			190
200	54.0	237.6	51,000			51,000			200
210	51.5	228.7	49,500			49,500			210
220	48.8	218.8	48,200			48,200			220
230	46.0	208.0	46,900			46,900			230
240	43.0	196.0	45,900			45,900			240
250	39.8	182.6	44,900			44,900			250
260	36.3	167.4	43,700			43,700			260
270	32.4	149.9	37,600			37,600			270
280	28.0	129.0	31,900			31,900			280
290									290

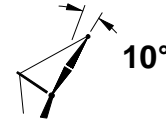
# MLC650 VPC-MAX S-2



262.5 ft



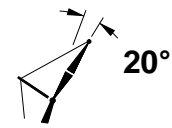
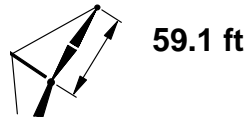
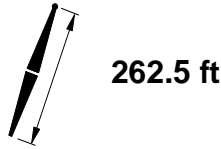
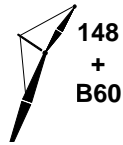
59.1 ft



10°

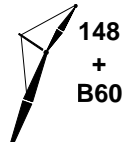
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
60	82.9	327.1	111,100			111,100			60
65	81.9	326.2	109,200	95,300		109,200	95,300		65
70	81.0	325.2	107,400	93,900		107,400	93,900		70
75	80.1	324.1	105,700	92,700	82,700	105,700	92,700	82,700	75
80	79.2	323.0	104,000	91,400	81,700	104,000	91,400	81,700	80
85	78.3	321.7	102,400	90,100	80,700	102,400	90,100	80,700	85
90	77.4	320.4	100,800	89,000	79,800	100,800	89,000	79,800	90
95	76.4	319.0	99,300	87,800	78,900	99,300	87,800	78,900	95
100	75.5	317.5	97,800	86,600	77,900	97,800	86,600	77,900	100
105	74.6	315.9	96,400	85,600	77,100	96,400	85,600	77,100	105
110	73.6	314.2	95,000	84,500	76,300	95,000	84,500	76,300	110
115	72.7	312.4	93,700	83,500	75,400	93,700	83,500	75,400	115
120	71.7	310.6	92,500	82,500	74,600	92,500	82,500	74,600	120
130	69.8	306.5	89,500	80,600	73,100	89,500	80,600	73,100	130
140	67.9	302.1	84,900	78,800	71,600	84,900	78,800	71,600	140
150	65.9	297.3	80,800	77,000	70,100	80,800	77,000	70,100	150
160	63.9	292.0	77,100	75,400	68,800	77,100	75,400	68,800	160
170	61.8	286.3	73,700	73,100	67,600	73,700	73,100	67,600	170
180	59.7	280.0	70,600	70,100	66,400	70,600	70,100	66,400	180
190	57.6	273.3	67,800	67,300	65,300	67,800	67,300	65,300	190
200	55.4	266.0	65,200	64,800	64,200	65,200	64,800	64,200	200
210	53.1	258.0	62,800	62,400	62,000	62,800	62,400	62,000	210
220	50.7	249.4	60,700	60,200	59,900	60,700	60,200	59,900	220
230	48.3	240.0	58,600	56,700	53,700	58,600	58,300	57,900	230
240	45.8	229.8	52,700	49,900	47,300	56,800	56,400	56,100	240
250	43.1	218.6	46,100	43,700	41,300	55,000	54,700	54,400	250
260	40.2	206.2	40,000	37,800	35,800	53,500	53,100	52,900	260
270	37.2	192.4	34,300	32,400	30,600	52,000	51,700	51,400	270
280	33.9	177.0	29,000	27,300	25,700	50,700	50,400	50,100	280
290	30.3	159.2	23,900	22,500	21,100	49,500	49,200	49,000	290
300	26.2	138.3	19,100	17,900	16,700	48,400	48,100	47,900	300
310	21.2	112.2	14,400	13,500	12,600	47,500	47,300	47,100	310

# MLC650 VPC-MAX S-2

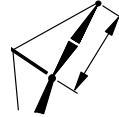


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70	82.6	322.7	90,800			90,800			70
75	81.7	321.6	88,300	82,500		88,300	82,500		75
80	80.8	320.5	85,900	81,500	73,800	85,900	81,500	73,800	80
85	79.8	319.2	83,500	80,700	73,100	83,500	80,700	73,100	85
90	78.9	317.9	81,400	79,800	72,300	81,400	79,800	72,300	90
95	78.0	316.5	79,400	79,000	71,700	79,400	79,000	71,700	95
100	77.0	314.9	77,400	77,000	71,000	77,400	77,000	71,000	100
105	76.1	313.3	75,600	75,200	70,400	75,600	75,200	70,400	105
110	75.2	311.6	73,800	73,500	69,800	73,800	73,500	69,800	110
115	74.2	309.9	72,200	71,800	69,200	72,200	71,800	69,200	115
120	73.2	308.0	70,500	70,200	68,600	70,500	70,200	68,600	120
130	71.3	303.9	67,600	67,300	66,500	67,600	67,300	66,500	130
140	69.3	299.5	64,900	64,600	63,900	64,900	64,600	63,900	140
150	67.3	294.6	62,400	62,200	61,500	62,400	62,200	61,500	150
160	65.3	289.3	60,200	59,900	59,300	60,200	59,900	59,300	160
170	63.2	283.5	58,100	57,900	57,400	58,100	57,900	57,400	170
180	61.1	277.2	56,100	55,900	55,500	56,100	55,900	55,500	180
190	58.9	270.3	54,400	54,200	53,800	54,400	54,200	53,800	190
200	56.7	262.9	52,700	52,500	52,300	52,700	52,500	52,300	200
210	54.4	254.9	51,200	51,000	50,900	51,200	51,000	50,900	210
220	52.0	246.1	49,900	49,700	49,500	49,900	49,700	49,500	220
230	49.5	236.6	48,500	48,400	48,300	48,500	48,400	48,300	230
240	46.9	226.2	47,400	47,200	47,100	47,400	47,200	47,100	240
250	44.2	214.8	46,200	45,400	43,000	46,200	46,200	46,000	250
260	41.3	202.2	41,500	39,300	37,200	45,300	45,100	45,100	260
270	38.2	188.2	35,600	33,700	31,800	44,400	44,300	44,200	270
280	34.9	172.3	30,000	28,300	26,700	43,600	43,600	43,400	280
290	31.1	154.0	24,700	23,300	21,900	43,000	42,900	42,900	290
300									300
310									310

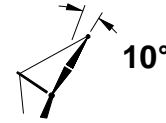
# MLC650 VPC-MAX S-2



282.2 ft



59.1 ft

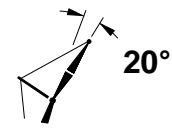
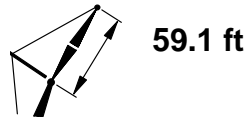
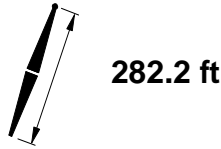
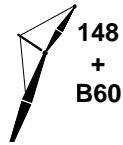


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	82.4	346.2	106,600			106,600			65
70	81.6	345.2	105,000	91,900		105,000	91,900		70
75	80.7	344.2	103,500	90,700	81,000	103,500	90,700	81,000	75
80	79.8	343.1	101,900	89,600	80,100	101,900	89,600	80,100	80
85	79.0	342.0	100,500	88,500	79,300	100,500	88,500	79,300	85
90	78.1	340.7	99,000	87,400	78,400	99,000	87,400	78,400	90
95	77.3	339.4	97,700	86,300	77,600	97,700	86,300	77,600	95
100	76.4	338.0	96,300	85,300	76,700	96,300	85,300	76,700	100
105	75.5	336.5	95,000	84,300	76,000	95,000	84,300	76,000	105
110	74.6	334.9	93,800	83,300	75,100	93,800	83,300	75,100	110
115	73.7	333.3	92,500	82,400	74,400	92,500	82,400	74,400	115
120	72.9	331.5	91,400	81,500	73,700	91,400	81,500	73,700	120
130	71.1	327.8	89,100	79,700	72,200	89,100	79,700	72,200	130
140	69.2	323.7	86,900	78,000	70,900	86,900	78,000	70,900	140
150	67.4	319.2	85,000	76,400	69,600	85,000	76,400	69,600	150
160	65.5	314.3	81,500	74,900	68,300	81,500	74,900	68,300	160
170	63.6	308.9	78,000	73,500	67,100	78,000	73,500	67,100	170
180	61.7	303.2	74,700	72,100	66,000	74,700	72,100	66,000	180
190	59.7	297.0	71,700	70,800	65,000	71,700	70,800	65,000	190
200	57.7	290.3	69,000	68,300	63,900	69,000	68,300	63,900	200
210	55.6	283.1	66,500	65,800	63,000	66,500	65,800	63,000	210
220	53.5	275.2	64,200	63,500	62,200	64,200	63,500	62,200	220
230	51.3	266.8	62,000	60,000	56,600	62,000	61,400	60,600	230
240	49.0	257.7	56,100	52,900	49,800	60,000	59,500	58,700	240
250	46.7	247.8	49,200	46,300	43,600	58,100	57,700	57,000	250
260	44.2	237.0	42,800	40,200	37,800	56,400	56,000	55,400	260
270	41.6	225.3	36,900	34,600	32,400	54,900	54,500	54,000	270
280	38.9	212.3	31,300	29,200	27,300	53,400	53,100	52,600	280
290	35.9	197.9	26,100	24,300	22,500	52,000	51,800	51,400	290
300	32.7	181.8	21,100	19,600	18,100	50,800	50,600	50,300	300
310	29.2	163.3	16,400	15,100	13,800	49,700	49,400	49,200	310
320	25.2	141.5	12,000	10,800	9,700	48,700	48,500	48,300	320
330	20.3	114.3	7,600	6,700		47,800	47,600	47,500	330

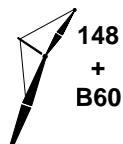


# MLC650 VPC-MAX S-2

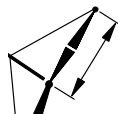


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75	82.2	341.7	90,500			90,500			75
80	81.3	340.6	88,800			88,800			80
85	80.4	339.5	86,500			86,500			85
90	79.6	338.2	84,300			84,300			90
95	78.7	336.9	82,300			82,300			95
100	77.8	335.5	80,300			80,300			100
105	76.9	334.0	78,500			78,500			105
110	76.1	332.4	76,600			76,600			110
115	75.2	330.7	74,900			74,900			115
120	74.3	328.9	73,300			73,300			120
130	72.5	325.1	70,300			70,300			130
140	70.6	321.0	67,600			67,600			140
150	68.8	316.5	65,000			65,000			150
160	66.9	311.5	62,700			62,700			160
170	65.0	306.2	60,500			60,500			170
180	63.0	300.4	58,600			58,600			180
190	61.0	294.1	56,800			56,800			190
200	59.0	287.3	55,100			55,100			200
210	56.9	280.0	53,500			53,500			210
220	54.7	272.1	52,000			52,000			220
230	52.5	263.6	50,600			50,600			230
240	50.2	254.3	49,400			49,400			240
250	47.8	244.3	48,300			48,300			250
260	45.3	233.3	44,700			47,200			260
270	42.7	221.4	38,500			46,200			270
280	39.9	208.2	32,700			45,300			280
290	36.8	193.5	27,300			44,500			290
300	33.6	176.9	22,100			43,800			300
310	29.9	157.8	17,200			43,300			310
320									320
330									330

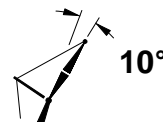
# MLC650 VPC-MAX S-2



301.8 ft



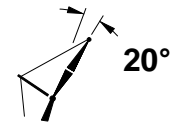
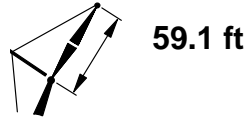
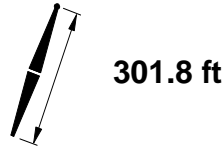
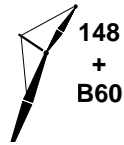
59.1 ft



10°

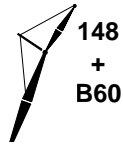
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	82.8	366.1	106,900			106,900			65
70	82.0	365.3	105,300			105,300			70
75	81.2	364.3	103,900	90,800		103,900	90,800		75
80	80.4	363.3	102,500	89,700	80,100	102,500	89,700	80,100	80
85	79.6	362.2	101,100	88,700	79,300	101,100	88,700	79,300	85
90	78.8	361.0	99,700	87,600	78,500	99,700	87,600	78,500	90
95	78.0	359.8	98,400	86,700	77,700	98,400	86,700	77,700	95
100	77.1	358.4	97,100	85,700	76,900	97,100	85,700	76,900	100
105	76.3	357.0	95,900	84,800	76,200	95,900	84,800	76,200	105
110	75.5	355.5	94,600	83,800	75,500	94,600	83,800	75,500	110
115	74.7	354.0	93,500	82,900	74,700	93,500	82,900	74,700	115
120	73.8	352.3	92,400	82,100	74,000	92,400	82,100	74,000	120
130	72.1	348.8	90,200	80,400	72,600	90,200	80,400	72,600	130
140	70.4	345.0	88,100	78,800	71,400	88,100	78,800	71,400	140
150	68.7	340.7	86,100	77,300	70,100	86,100	77,300	70,100	150
160	67.0	336.2	84,300	75,800	68,900	84,300	75,800	68,900	160
170	65.2	331.2	80,900	74,400	67,800	80,900	74,400	67,800	170
180	63.4	325.9	77,600	73,100	66,700	77,600	73,100	66,700	180
190	61.6	320.1	74,600	71,800	65,700	74,600	71,800	65,700	190
200	59.7	313.9	71,800	70,600	64,700	71,800	70,600	64,700	200
210	57.8	307.3	69,200	68,400	63,700	69,200	68,400	63,700	210
220	55.8	300.1	66,800	64,600	60,400	66,800	66,100	62,900	220
230	53.8	292.4	60,800	56,900	53,100	64,600	63,900	62,000	230
240	51.8	284.2	53,300	49,800	46,400	62,600	61,900	61,000	240
250	49.7	275.3	46,400	43,200	40,200	60,600	60,000	59,200	250
260	47.5	265.7	40,000	37,200	34,400	58,800	58,300	57,600	260
270	45.2	255.3	34,100	31,500	29,100	57,100	56,700	56,000	270
280	42.8	244.0	28,600	26,300	24,000	55,600	55,200	54,600	280
290	40.3	231.7	23,400	21,300	19,300	54,200	53,800	53,300	290
300	37.6	218.2	18,500	16,700	14,900	52,900	52,500	52,100	300
310	34.7	203.2	13,900	12,300	10,700	51,600	51,300	51,000	310
320	31.6	186.4	9,500	8,100	6,700	50,500	50,200	50,000	320
330	28.2	167.2				49,400	49,200	48,900	330
340	24.3	144.6				48,600	48,300	48,100	340
350	19.5	116.3				47,800	47,600	47,400	350

# MLC650 VPC-MAX S-2

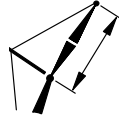


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75	82.6	361.8	90,700			90,700			75
80	81.8	360.7	89,700			89,700			80
85	81.0	359.6	87,900			87,900			85
90	80.2	358.5	85,700			85,700			90
95	79.3	357.2	83,700			83,700			95
100	78.5	355.9	81,800			81,800			100
105	77.7	354.5	80,000			80,000			105
110	76.8	353.0	78,300			78,300			110
115	76.0	351.4	76,600			76,600			115
120	75.2	349.7	75,000			75,000			120
130	73.5	346.2	72,000			72,000			130
140	71.8	342.3	69,300			69,300			140
150	70.0	338.0	66,800			66,800			150
160	68.3	333.4	64,400			64,400			160
170	66.5	328.5	62,300			62,300			170
180	64.7	323.1	60,300			60,300			180
190	62.8	317.3	58,400			58,400			190
200	60.9	311.0	56,700			56,700			200
210	59.0	304.3	55,100			55,100			210
220	57.0	297.1	53,600			53,600			220
230	55.0	289.3	52,300			52,300			230
240	52.9	280.9	51,000			51,000			240
250	50.8	271.9	48,800			48,800			250
260	48.5	262.2	42,200			42,200			260
270	46.2	251.6	36,000			36,000			270
280	43.8	240.2	30,300			30,300			280
290	41.2	227.6	24,900			24,900			290
300	38.5	213.9	19,800			19,800			300
310	35.6	198.6	15,000			15,000			310
320	32.4	181.3	10,400			10,400			320
330									330
340	28.8	161.5							340
350									350

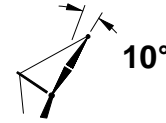
# MLC650 VPC-MAX S-2



321.5 ft



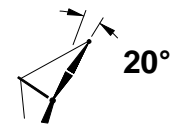
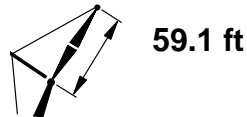
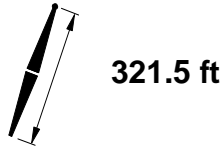
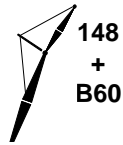
59.1 ft



10°

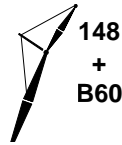
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
70	82.4	385.2	105,500			105,500			70
75	81.7	384.3	104,100	90,700		104,100	90,700		75
80	80.9	383.4	102,800	89,700	79,900	102,800	89,700	79,900	80
85	80.1	382.3	101,400	88,700	79,100	101,400	88,700	79,100	85
90	79.4	381.2	100,200	87,800	78,400	100,200	87,800	78,400	90
95	78.6	380.0	98,900	86,900	77,600	98,900	86,900	77,600	95
100	77.8	378.8	97,700	85,900	76,900	97,700	85,900	76,900	100
105	77.0	377.5	96,500	85,000	76,200	96,500	85,000	76,200	105
110	76.3	376.1	95,400	84,200	75,500	95,400	84,200	75,500	110
115	75.5	374.6	94,300	83,400	74,900	94,300	83,400	74,900	115
120	74.7	373.0	93,200	82,500	74,200	93,200	82,500	74,200	120
130	73.1	369.7	91,100	80,900	72,900	91,100	80,900	72,900	130
140	71.5	366.1	89,100	79,300	71,600	89,100	79,300	71,600	140
150	69.9	362.1	87,200	77,900	70,500	87,200	77,900	70,500	150
160	68.3	357.8	85,400	76,500	69,400	85,400	76,500	69,400	160
170	66.6	353.2	83,700	75,200	68,200	83,700	75,200	68,200	170
180	64.9	348.2	80,500	73,800	67,200	80,500	73,800	67,200	180
190	63.2	342.8	77,400	72,600	66,200	77,400	72,600	66,200	190
200	61.5	337.1	74,500	71,500	65,300	74,500	71,500	65,300	200
210	59.7	330.9	71,900	67,800	62,800	71,900	70,400	64,400	210
220	57.9	324.3	64,200	59,400	54,900	69,400	68,500	63,500	220
230	56.0	317.2	56,000	51,700	47,700	67,200	66,300	62,700	230
240	54.2	309.6	48,500	44,700	41,000	65,000	64,200	61,900	240
250	52.2	301.5	41,600	38,100	34,800	63,000	62,300	61,200	250
260	50.2	292.8	35,200	32,100	29,100	61,200	60,500	59,700	260
270	48.2	283.4	29,300	26,400	23,700	59,500	58,800	58,100	270
280	46.0	273.3	23,700	21,200	18,700	57,900	57,300	56,600	280
290	43.8	262.5	18,600	16,200	14,000	56,400	55,800	55,200	290
300	41.5	250.7	13,700	11,600	9,600	54,900	54,400	53,900	300
310	39.0	237.9	9,200	7,300		53,600	53,200	52,700	310
320	36.4	223.8				52,400	52,000	51,600	320
330	33.6	208.3				51,300	50,900	50,600	330
340	30.6	190.9				50,200	49,900	49,700	340
350	27.3	171.0				49,300	49,000	48,800	350
360	23.4	147.5				48,400	48,200	48,000	360
370	18.7	118.1				47,700	47,500	47,300	370

# MLC650 VPC-MAX S-2

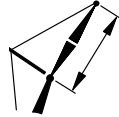


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80	82.2	380.8	89,900			89,900			80
85	81.5	379.8	88,900			88,900			85
90	80.7	378.6	87,100			87,100			90
95	79.9	377.5	85,100			85,100			95
100	79.1	376.2	83,300			83,300			100
105	78.3	374.9	81,500			81,500			105
110	77.6	373.5	79,700			79,700			110
115	76.8	372.0	78,100			78,100			115
120	76.0	370.4	76,600			76,600			120
130	74.4	367.1	73,600			73,600			130
140	72.8	363.4	70,900			70,900			140
150	71.1	359.4	68,400			68,400			150
160	69.5	355.1	66,100			66,100			160
170	67.8	350.4	63,900			63,900			170
180	66.1	345.4	61,900			61,900			180
190	64.4	340.0	60,100			60,100			190
200	62.6	334.2	58,300			58,300			200
210	60.8	327.9	56,700			56,700			210
220	59.0	321.2	55,200			55,200			220
230	57.2	314.1	53,800			53,800			230
240	55.3	306.4	51,300			51,300			240
250	53.3	298.2	44,200			44,200			250
260	51.3	289.4	37,600			37,600			260
270	49.2	279.9	31,400			31,400			270
280	47.0	269.7	25,700			25,700			280
290	44.8	258.7	20,300			20,300			290
300	42.4	246.7	15,300			15,300			300
310	39.9	233.7	10,500			10,500			310
320	37.3	219.4				44,700			320
330	34.4	203.5				44,100			330
340	31.3	185.5				43,500			340
350	27.8	164.9				43,000			350
360									360
370									370

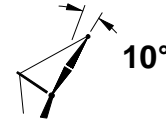
# MLC650 VPC-MAX S-2



341.2 ft



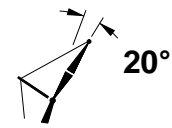
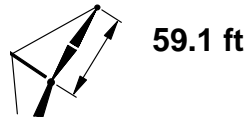
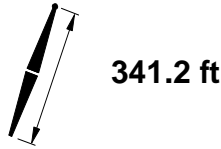
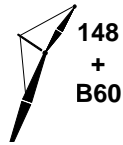
59.1 ft



10°

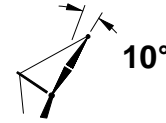
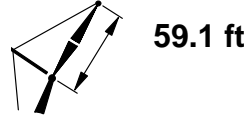
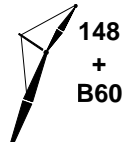
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.8	405.2	105,500			105,500			70
75	82.1	404.3	104,200			104,200			75
80	81.4	403.4	102,900	89,500		102,900	89,500		80
85	80.6	402.4	101,700	88,600	78,800	101,700	88,600	78,800	85
90	79.9	401.4	100,500	87,700	78,100	100,500	87,700	78,100	90
95	79.2	400.2	99,300	86,800	77,400	99,300	86,800	77,400	95
100	78.4	399.1	98,200	86,000	76,800	98,200	86,000	76,800	100
105	77.7	397.8	97,000	85,100	76,200	97,000	85,100	76,200	105
110	77.0	396.5	95,900	84,400	75,500	95,900	84,400	75,500	110
115	76.2	395.1	94,900	83,500	74,800	94,900	83,500	74,800	115
120	75.5	393.6	93,900	82,800	74,300	93,900	82,800	74,300	120
130	74.0	390.5	91,800	81,200	73,100	91,800	81,200	73,100	130
140	72.5	387.0	89,900	79,800	71,900	89,900	79,800	71,900	140
150	70.9	383.3	88,100	78,300	70,700	88,100	78,300	70,700	150
160	69.4	379.3	86,400	77,000	69,600	86,400	77,000	69,600	160
170	67.8	374.9	84,700	75,700	68,600	84,700	75,700	68,600	170
180	66.2	370.2	83,100	74,500	67,700	83,100	74,500	67,700	180
190	64.6	365.2	80,100	73,300	66,700	80,100	73,300	66,700	190
200	63.0	359.8	77,200	72,200	65,800	77,200	72,200	65,800	200
210	61.4	354.0	74,500	71,100	64,900	74,500	71,100	64,900	210
220	59.7	347.9	70,000	64,700	59,600	72,000	70,100	64,000	220
230	58.0	341.3	61,400	56,600	52,100	69,700	68,600	63,300	230
240	56.2	334.2	53,600	49,200	45,100	67,500	66,500	62,500	240
250	54.4	326.8	46,300	42,400	38,700	65,400	64,500	61,700	250
260	52.6	318.8	39,600	36,000	32,700	63,600	62,700	61,000	260
270	50.7	310.2	33,400	30,200	27,100	61,800	60,900	60,100	270
280	48.8	301.1	27,600	24,700	21,900	60,100	59,300	58,500	280
290	46.8	291.3	22,200	19,600	17,000	58,500	57,800	57,100	290
300	44.7	280.8	17,200	14,700	12,400	57,000	56,400	55,700	300
310	42.5	269.4	12,400	10,200	8,100	55,600	55,000	54,500	310
320	40.3	257.2	7,900			54,300	53,800	53,300	320
330	37.9	243.9				53,100	52,700	52,200	330
340	35.4	229.3				52,000	51,600	51,200	340
350	32.6	213.2				50,900	50,600	50,300	350
360	29.7	195.1				50,000	49,700	49,500	360
370	26.4	174.5				49,000	48,300	46,300	370
380	22.6	150.2				45,000	44,400	42,700	380

# MLC650 VPC-MAX S-2



ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80	82.6	400.8	89,900			89,900			80
85	81.9	399.8	89,100			89,100			85
90	81.2	398.8	88,200	78,300		88,200	78,300		90
95	80.4	397.7	86,400	77,700	70,100	86,400	77,700	70,100	95
100	79.7	396.5	84,600	77,000	69,600	84,600	77,000	69,600	100
105	78.9	395.2	82,900	76,500	69,100	82,900	76,500	69,100	105
110	78.2	393.9	81,200	75,900	68,700	81,200	75,900	68,700	110
115	77.4	392.5	79,600	75,300	68,200	79,600	75,300	68,200	115
120	76.7	391.0	78,000	74,800	67,800	78,000	74,800	67,800	120
130	75.2	387.8	75,100	73,700	66,900	75,100	73,700	66,900	130
140	73.7	384.4	72,400	71,600	66,000	72,400	71,600	66,000	140
150	72.1	380.6	69,900	69,100	65,200	69,900	69,100	65,200	150
160	70.6	376.5	67,600	66,800	64,400	67,600	66,800	64,400	160
170	69.0	372.1	65,500	64,700	63,400	65,500	64,700	63,400	170
180	67.4	367.4	63,500	62,700	61,600	63,500	62,700	61,600	180
190	65.8	362.3	61,600	60,900	59,800	61,600	60,900	59,800	190
200	64.1	356.9	59,900	59,200	58,200	59,900	59,200	58,200	200
210	62.5	351.1	58,300	57,600	56,700	58,300	57,600	56,700	210
220	60.8	344.9	56,800	56,100	55,300	56,800	56,100	55,300	220
230	59.0	338.2	55,300	54,700	53,900	55,300	54,700	53,900	230
240	57.3	331.1	54,000	52,200	48,000	54,000	53,400	52,700	240
250	55.5	323.6	49,100	45,100	41,300	52,700	52,100	51,500	250
260	53.6	315.5	42,200	38,600	35,100	51,500	51,000	50,400	260
270	51.7	306.8	35,800	32,500	29,300	50,400	49,900	49,400	270
280	49.8	297.6	29,800	26,800	24,000	49,400	48,900	48,400	280
290	47.7	287.7	24,200	21,500	18,900	48,400	48,000	47,600	290
300	45.6	277.0	19,000	16,500	14,100	47,500	47,100	46,700	300
310	43.4	265.5	14,000	11,800	9,700	46,600	46,300	46,000	310
320	41.1	253.1	9,400	7,400		45,800	45,600	45,300	320
330	38.7	239.5				45,100	44,900	44,700	330
340	36.1	224.7				44,500	44,300	44,100	340
350	33.3	208.2				43,900	43,700	43,600	350
360	30.3	189.6				43,400	43,300	43,100	360
370									370
380									380

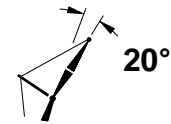
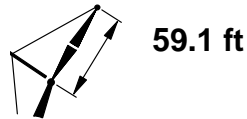
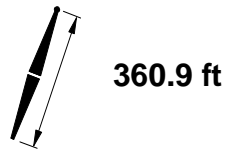
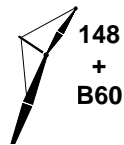
# MLC650 VPC-MAX S-2



ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75	82.5	424.3	104,000			104,000			75
80	81.8	423.4	102,800			102,800			80
85	81.1	422.5	101,600			101,600			85
90	80.4	421.5	100,500			100,500			90
95	79.7	420.4	99,400			99,400			95
100	79.0	419.3	98,300			98,300			100
105	78.3	418.1	97,200			97,200			105
110	77.6	416.8	96,200			96,200			110
115	76.9	415.5	95,200			95,200			115
120	76.2	414.1	94,200			94,200			120
130	74.8	411.1	92,300			92,300			130
140	73.3	407.9	90,400			90,400			140
150	71.9	404.3	88,600			88,600			150
160	70.4	400.5	86,900			86,900			160
170	68.9	396.4	85,300			85,300			170
180	67.4	392.0	83,800			83,800			180
190	65.9	387.2	82,000			82,000			190
200	64.4	382.1	79,100			79,100			200
210	62.8	376.7	74,200			76,300			210
220	61.3	371.0	64,800			73,800			220
230	59.7	364.8	56,200			71,400			230
240	58.0	358.3	48,300			69,200			240
250	56.4	351.3	41,100			67,200			250
260	54.7	343.9	34,400			65,300			260
270	52.9	336.0	28,200			63,400			270
280	51.2	327.6	22,400			61,800			280
290	49.3	318.7	17,000			60,200			290
300	47.4	309.1	12,000			58,700			300
310	45.5	298.9	7,300			57,300			310
320	43.5	287.9				56,000			320
330	41.4	276.2				54,700			330
340	39.2	263.5				53,500			340
350	36.8	249.7				52,400			350
360	34.4	234.6				49,300			360
370	31.7	217.9				45,200			370
380	28.8	199.2				41,300			380
390	25.6	177.9				37,500			390
400	21.9	152.8				33,900			400

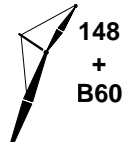


# MLC650 VPC-MAX S-2

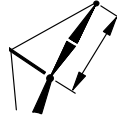


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80	83.0	420.8	89,900			89,900			80
85	82.3	419.9	89,000			89,000			85
90	81.6	418.9	88,200			88,200			90
95	80.9	417.8	87,400			87,400			95
100	80.2	416.7	85,600			85,600			100
105	79.5	415.5	83,900			83,900			105
110	78.8	414.2	82,200			82,200			110
115	78.1	412.9	80,700			80,700			115
120	77.3	411.5	79,100			79,100			120
130	75.9	408.5	76,300			76,300			130
140	74.5	405.2	73,500			73,500			140
150	73.0	401.6	71,100			71,100			150
160	71.5	397.8	68,800			68,800			160
170	70.0	393.6	66,700			66,700			170
180	68.5	389.2	64,700			64,700			180
190	67.0	384.4	62,800			62,800			190
200	65.5	379.3	61,100			61,100			200
210	63.9	373.8	59,400			59,400			210
220	62.3	368.0	57,900			57,900			220
230	60.7	361.8	56,500			56,500			230
240	59.1	355.2	51,600			55,100			240
250	57.4	348.2	44,200			53,800			250
260	55.7	340.7	37,200			52,600			260
270	53.9	332.7	30,800			51,500			270
280	52.1	324.2	24,900			50,400			280
290	50.3	315.2	19,300			49,400			290
300	48.4	305.5	14,100			48,500			300
310	46.4	295.2	9,100			47,600			310
320	44.3	284.1				46,800			320
330	42.2	272.1				46,000			330
340	40.0	259.2				45,300			340
350	37.6	245.2				44,700			350
360	35.1	229.8				44,100			360
370	32.4	212.7				43,700			370
380	29.4	193.5				41,800			380
390									390
400									400

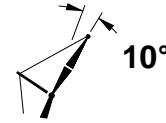
# MLC650 VPC-MAX S-2



380.6 ft



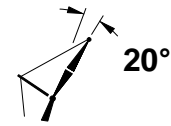
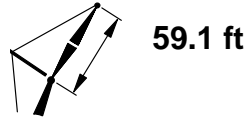
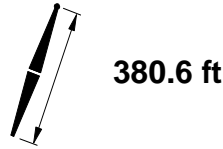
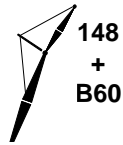
59.1 ft



10°

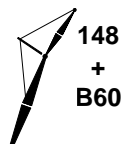
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
75	82.8	444.2	103,600			103,600			75
80	82.2	443.4	102,500			102,500			80
85	81.5	442.5	101,400	87,700		101,400	87,700		85
90	80.8	441.5	100,300	86,900	77,100	100,300	86,900	77,100	90
95	80.2	440.5	99,200	86,100	76,500	99,200	86,100	76,500	95
100	79.5	439.5	98,200	85,400	75,900	98,200	85,400	75,900	100
105	78.8	438.3	97,200	84,700	75,300	97,200	84,700	75,300	105
110	78.2	437.1	96,200	83,900	74,800	96,200	83,900	74,800	110
115	77.5	435.9	95,200	83,300	74,200	95,200	83,300	74,200	115
120	76.8	434.5	94,300	82,600	73,700	94,300	82,600	73,700	120
130	75.5	431.7	92,500	81,200	72,600	92,500	81,200	72,600	130
140	74.1	428.6	90,700	79,900	71,600	90,700	79,900	71,600	140
150	72.7	425.2	89,000	78,600	70,600	89,000	78,600	70,600	150
160	71.3	421.6	87,400	77,400	69,600	87,400	77,400	69,600	160
170	69.9	417.7	85,900	76,200	68,700	85,900	76,200	68,700	170
180	68.5	413.5	84,400	75,100	67,800	84,400	75,100	67,800	180
190	67.1	409.0	83,000	74,000	67,000	83,000	74,000	67,000	190
200	65.6	404.2	81,100	73,000	66,100	81,100	73,000	66,100	200
210	64.2	399.1	73,800	67,100	60,900	78,400	72,000	65,400	210
220	62.7	393.7	64,300	58,300	52,700	75,800	71,100	64,600	220
230	61.2	387.9	55,800	50,300	45,200	73,400	70,200	63,800	230
240	59.7	381.8	47,900	42,900	38,300	71,200	69,300	63,200	240
250	58.1	375.2	40,600	36,200	31,900	69,100	68,500	62,500	250
260	56.5	368.3	34,000	29,900	26,000	67,100	66,600	61,900	260
270	54.9	361.0	27,800	24,000	20,500	65,300	64,800	61,300	270
280	53.3	353.2	22,000	18,600	15,400	63,600	63,100	60,700	280
290	51.6	344.9	16,600	13,500	10,600	61,900	61,500	60,200	290
300	49.8	336.2	11,600	8,800		60,400	60,000	59,300	300
310	48.0	326.8	6,900			59,000	58,600	58,000	310
320	46.2	316.9				57,600	57,200	56,700	320
330	44.3	306.3				56,300	55,900	55,500	330
340	42.3	294.9				55,100	54,800	53,600	340
350	40.3	282.7				53,200	52,300	49,400	350
360	38.1	269.5				48,900	48,100	45,400	360
370	35.9	255.3				44,900	44,100	41,600	370
380	33.4	239.7				41,000	40,200	38,000	380
390	30.8	222.5				37,300	36,600	34,500	390
400	28.0	203.2				33,800	33,100	31,200	400
410	24.9	181.2				30,400	29,800	28,100	410
420	21.2	155.3				27,200	26,600	25,100	420

# MLC650 VPC-MAX S-2

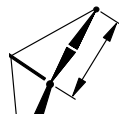


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85	82.6	439.9	88,900			88,900			85
90	82.0	438.9	88,100	77,600		88,100	77,600		90
95	81.3	437.9	87,400	77,100		87,400	77,100		95
100	80.6	436.8	86,600	76,600	68,900	86,600	76,600	68,900	100
105	80.0	435.7	85,000	76,000	68,500	85,000	76,000	68,500	105
110	79.3	434.5	83,300	75,600	68,000	83,300	75,600	68,000	110
115	78.6	433.2	81,700	75,000	67,700	81,700	75,000	67,700	115
120	77.9	431.9	80,200	74,500	67,300	80,200	74,500	67,300	120
130	76.6	429.0	77,400	73,500	66,500	77,400	73,500	66,500	130
140	75.2	425.9	74,700	72,600	65,800	74,700	72,600	65,800	140
150	73.8	422.5	72,300	71,700	65,000	72,300	71,700	65,000	150
160	72.4	418.9	70,000	69,600	64,400	70,000	69,600	64,400	160
170	71.0	414.9	67,900	67,400	63,700	67,900	67,400	63,700	170
180	69.6	410.7	65,900	65,500	63,100	65,900	65,500	63,100	180
190	68.1	406.2	64,000	63,600	62,400	64,000	63,600	62,400	190
200	66.7	401.4	62,300	61,900	60,800	62,300	61,900	60,800	200
210	65.2	396.2	60,600	60,300	59,200	60,600	60,300	59,200	210
220	63.7	390.7	59,100	58,800	56,400	59,100	58,800	57,800	220
230	62.2	384.9	57,600	53,900	48,600	57,600	57,300	56,400	230
240	60.7	378.7	51,300	46,300	41,500	56,300	56,000	55,200	240
250	59.1	372.1	43,800	39,200	34,900	55,000	54,700	54,000	250
260	57.5	365.2	36,900	32,700	28,800	53,700	53,500	52,800	260
270	55.9	357.8	30,500	26,700	23,100	52,600	52,400	51,700	270
280	54.2	349.9	24,600	21,100	17,800	51,500	51,300	50,700	280
290	52.5	341.6	19,000	15,800	12,800	50,500	50,300	49,800	290
300	50.7	332.7	13,800	10,900	8,100	49,500	49,400	48,900	300
310	48.9	323.3	8,900			48,700	48,500	48,100	310
320	47.1	313.2				47,900	47,700	47,300	320
330	45.1	302.4				47,000	46,900	46,600	330
340	43.1	290.9				46,300	46,200	45,900	340
350	41.1	278.5				45,600	45,500	45,300	350
360	38.9	265.2				45,000	44,900	44,700	360
370	36.6	250.6				44,400	44,300	42,400	370
380	34.1	234.7				41,700	40,900	38,600	380
390	31.4	217.1				37,900	37,200	35,100	390
400	28.5	197.3				34,200	33,600	31,700	400
410									410
420									420

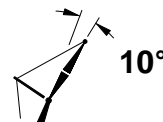
# MLC650 VPC-MAX S-2



400.3 ft



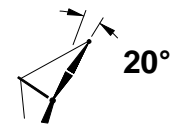
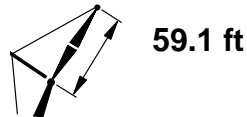
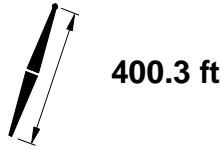
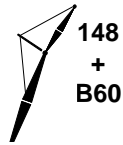
59.1 ft



10°

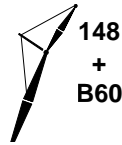
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.5	463.3	102,000			102,000			80
85	81.9	462.5	101,000			101,000			85
90	81.2	461.6	100,000			100,000			90
95	80.6	460.6	99,000			99,000			95
100	80.0	459.6	98,000			98,000			100
105	79.3	458.5	97,100			97,100			105
110	78.7	457.3	96,200			96,200			110
115	78.0	456.1	95,200			95,200			115
120	77.4	454.9	94,400			94,400			120
130	76.1	452.2	92,600			92,600			130
140	74.8	449.2	91,000			91,000			140
150	73.5	446.0	89,300			89,300			150
160	72.2	442.6	87,800			87,800			160
170	70.8	438.9	86,300			86,300			170
180	69.5	434.9	85,000			85,000			180
190	68.1	430.6	83,600			83,600			190
200	66.8	426.1	79,200			82,300			200
210	65.4	421.2	68,800			80,500			210
220	64.0	416.1	59,300			78,000			220
230	62.6	410.6	50,700			75,500			230
240	61.1	404.8	42,800			73,200			240
250	59.7	398.7	35,600			71,100			250
260	58.2	392.2	28,900			69,200			260
270	56.7	385.4	22,700			67,200			270
280	55.1	378.1	16,900			65,500			280
290	53.5	370.4	11,500			63,900			290
300	51.9	362.3	6,500			62,300			300
310	50.3	353.6				60,800			310
320	48.6	344.5				59,400			320
330	46.9	334.8				58,000			330
340	45.1	324.4				53,700			340
350	43.2	313.4				49,200			350
360	41.3	301.6				44,900			360
370	39.3	289.0				40,900			370
380	37.2	275.4				37,000			380
390	34.9	260.7				33,400			390
400	32.6	244.6				29,900			400
410	30.0	226.8				26,500			410
420	27.3	207.0				23,300			420
430	24.2	184.4				20,200			430
440	20.6	157.6				17,300			440

# MLC650 VPC-MAX S-2

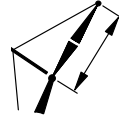


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85	83.0	459.9	88,600			88,600			85
90	82.3	459.0	87,900			87,900			90
95	81.7	458.0	87,100	76,700		87,100	76,700		95
100	81.0	456.9	86,500	76,200		86,500	76,200		100
105	80.4	455.8	85,800	75,700	67,900	85,800	75,700	67,900	105
110	79.8	454.7	84,300	75,200	67,500	84,300	75,200	67,500	110
115	79.1	453.5	82,900	74,700	67,200	82,900	74,700	67,200	115
120	78.5	452.2	81,400	74,300	66,800	81,400	74,300	66,800	120
130	77.2	449.5	78,600	73,300	66,100	78,600	73,300	66,100	130
140	75.9	446.5	75,900	72,400	65,400	75,900	72,400	65,400	140
150	74.5	443.3	73,500	71,600	64,700	73,500	71,600	64,700	150
160	73.2	439.8	71,200	70,800	64,100	71,200	70,800	64,100	160
170	71.9	436.1	69,100	68,800	63,500	69,100	68,800	63,500	170
180	70.5	432.1	67,200	66,800	62,900	67,200	66,800	62,900	180
190	69.2	427.8	65,300	65,000	62,300	65,300	65,000	62,300	190
200	67.8	423.2	63,500	63,200	61,800	63,500	63,200	61,800	200
210	66.4	418.3	61,900	61,600	59,300	61,900	61,600	61,300	210
220	65.0	413.2	60,300	57,000	50,900	60,300	60,100	59,800	220
230	63.5	407.7	54,600	48,700	43,200	58,900	58,600	58,400	230
240	62.1	401.8	46,500	41,100	36,100	57,500	57,300	57,000	240
250	60.6	395.7	39,000	34,100	29,500	56,200	56,000	55,800	250
260	59.1	389.1	32,100	27,600	23,400	55,000	54,800	54,600	260
270	57.6	382.2	25,600	21,600	17,700	53,800	53,600	53,400	270
280	56.0	374.9	19,700	15,900	12,400	52,700	52,600	52,400	280
290	54.4	367.1	14,100	10,700	7,400	51,700	51,500	51,400	290
300	52.8	358.9	8,900			50,700	50,600	50,400	300
310	51.1	350.2				49,800	49,700	49,500	310
320	49.4	340.9				48,900	48,800	48,600	320
330	47.7	331.1				48,100	48,000	47,800	330
340	45.9	320.6				47,300	47,200	47,100	340
350	44.0	309.5				46,600	46,500	46,300	350
360	42.0	297.6				46,000	45,100	42,200	360
370	40.0	284.7				41,900	41,000	38,300	370
380	37.9	270.9				37,900	37,100	34,600	380
390	35.6	255.9				34,100	33,300	31,000	390
400	33.2	239.5				30,500	29,800	27,600	400
410	30.6	221.3				27,100	26,400	24,400	410
420									420
430									430
440									440

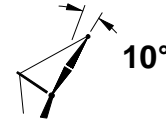
# MLC650 VPC-MAX S-2



419.9 ft



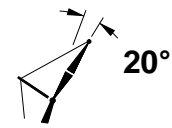
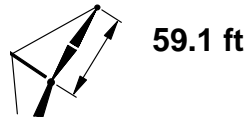
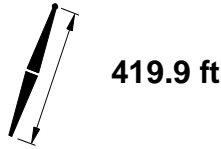
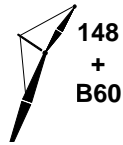
59.1 ft



10°

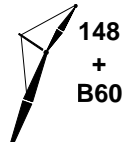
ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.8	483.3	101,200			101,200			80
85	82.2	482.5	100,200			100,200			85
90	81.6	481.6	99,300	85,400		99,300	85,400		90
95	81.0	480.7	98,400	84,700	70,200	98,400	84,700	70,200	95
100	80.4	479.7	97,500	84,100	70,200	97,500	84,100	70,200	100
105	79.8	478.6	96,600	83,400	70,200	96,600	83,400	70,200	105
110	79.2	477.5	95,800	82,800	70,200	95,800	82,800	70,200	110
115	78.5	476.4	94,900	82,200	70,200	94,900	82,200	70,200	115
120	77.9	475.2	94,100	81,600	70,200	94,100	81,600	70,200	120
130	76.7	472.6	92,500	80,400	70,200	92,500	80,400	70,200	130
140	75.4	469.8	90,900	79,300	70,200	90,900	79,300	70,200	140
150	74.2	466.7	89,400	78,200	69,800	89,400	78,200	69,800	150
160	72.9	463.4	88,000	77,100	69,000	88,000	77,100	69,000	160
170	71.7	459.9	86,600	76,100	68,200	86,600	76,100	68,200	170
180	70.4	456.1	85,200	75,100	67,400	85,200	75,100	67,400	180
190	69.1	452.0	83,900	74,100	66,600	83,900	74,100	66,600	190
200	67.8	447.7	78,300	70,100	62,500	82,600	73,200	65,900	200
210	66.5	443.1	67,900	60,500	53,600	81,500	72,300	65,200	210
220	65.1	438.2	58,500	51,800	45,600	80,000	71,400	64,500	220
230	63.8	433.0	49,900	43,800	38,100	77,600	70,600	63,900	230
240	62.4	427.6	42,000	36,400	31,300	75,300	69,800	63,300	240
250	61.0	421.8	34,700	29,700	25,000	73,100	69,100	62,700	250
260	59.6	415.7	28,000	23,400	19,100	71,100	68,300	62,100	260
270	58.2	409.2	21,800	17,600	13,600	69,200	67,600	61,500	270
280	56.8	402.4	16,000	12,200	8,500	67,400	66,800	61,000	280
290	55.3	395.2	10,700	7,100		65,700	65,200	60,500	290
300	53.8	387.6				64,100	63,600	60,100	300
310	52.3	379.5				62,600	62,100	59,600	310
320	50.7	371.0				61,200	60,700	57,400	320
330	49.1	362.1				57,700	56,500	52,700	330
340	47.4	352.5				52,900	51,800	48,200	340
350	45.7	342.5				48,400	47,400	44,000	350
360	44.0	331.8				44,100	43,200	40,100	360
370	42.2	320.4				40,100	39,200	36,300	370
380	40.3	308.2				36,300	35,400	32,700	380
390	38.3	295.2				32,600	31,800	29,300	390
400	36.3	281.1				29,200	28,400	26,100	400
410	34.1	265.9				25,800	25,100	23,000	410
420	31.8	249.4				22,700	22,000	20,000	420
430	29.3	231.1				19,600	19,000	17,200	430
440	26.6	210.7				16,700	16,100	14,400	440
450	23.5	187.4				13,800	13,300	11,800	450
460	20.0	159.8				10,300	10,600	9,300	460

# MLC650 VPC-MAX S-2

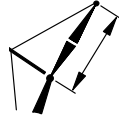


ft	ft	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90	82.6	478.9	87,400			87,400			90
95	82.0	478.0	86,800			86,800			95
100	81.4	477.0	86,100	75,500		86,100	75,500		100
105	80.8	476.0	85,500	75,100	67,200	85,500	75,100	67,200	105
110	80.2	474.9	84,900	74,600	66,800	84,900	74,600	66,800	110
115	79.6	473.7	83,800	74,200	66,500	83,800	74,200	66,500	115
120	79.0	472.5	82,400	73,800	66,200	82,400	73,800	66,200	120
130	77.7	469.9	79,600	72,900	65,600	79,600	72,900	65,600	130
140	76.5	467.1	77,000	72,100	64,900	77,000	72,100	64,900	140
150	75.2	464.0	74,600	71,400	64,300	74,600	71,400	64,300	150
160	73.9	460.7	72,400	70,600	63,700	72,400	70,600	63,700	160
170	72.7	457.1	70,300	69,800	63,100	70,300	69,800	63,100	170
180	71.4	453.3	68,400	68,000	62,600	68,400	68,000	62,600	180
190	70.1	449.2	66,500	66,100	62,100	66,500	66,100	62,100	190
200	68.8	444.9	64,700	64,500	61,600	64,700	64,500	61,600	200
210	67.4	440.2	63,100	62,800	57,900	63,100	62,800	61,100	210
220	66.1	435.3	61,500	55,900	49,600	61,500	61,300	60,600	220
230	64.7	430.1	53,900	47,700	41,900	60,100	59,900	59,600	230
240	63.4	424.6	45,700	40,100	34,800	58,700	58,500	58,200	240
250	62.0	418.8	38,200	33,100	28,300	57,400	57,200	57,000	250
260	60.6	412.6	31,300	26,600	22,200	56,200	55,900	55,800	260
270	59.1	406.1	24,900	20,600	16,500	55,000	54,800	54,600	270
280	57.7	399.2	18,900	15,000	11,200	53,900	53,700	53,500	280
290	56.2	391.9	13,400	9,700		52,800	52,600	52,500	290
300	54.7	384.3	8,200			51,800	51,700	51,500	300
310	53.1	376.1				50,900	50,700	50,500	310
320	51.5	367.6				50,000	49,800	49,700	320
330	49.9	358.5				49,200	49,000	48,900	330
340	48.2	348.9				48,300	48,200	48,100	340
350	46.5	338.7				47,600	47,500	45,300	350
360	44.7	327.9				45,300	44,400	41,200	360
370	42.9	316.3				41,200	40,300	37,400	370
380	41.0	304.0				37,300	36,400	33,700	380
390	39.0	290.8				33,500	32,700	30,200	390
400	36.9	276.5				29,900	29,200	26,800	400
410	34.7	261.0				26,500	25,800	23,600	410
420	32.3	244.1				23,200	22,600	20,500	420
430	29.8	225.4				20,100	19,400	17,600	430
440									440
450									450
460									460

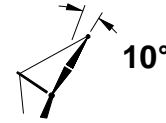
# MLC650 VPC-MAX S-2



144.4 ft



78.7 ft

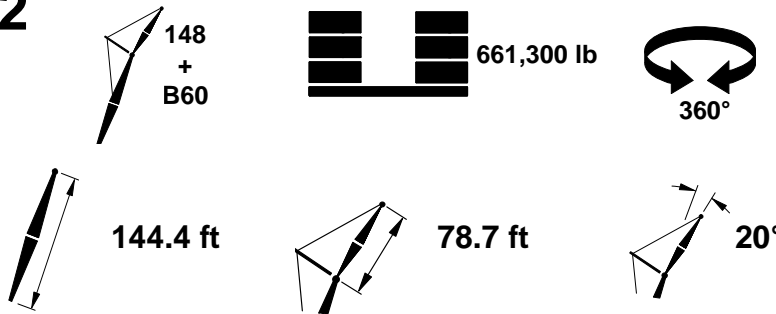


10°

			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55	81.8	227.9	82,200b	70,500b	60,700b	82,200b	70,500b	60,700b	55
60	80.5	226.7	80,200b	68,900b	59,500b	80,200b	68,900b	59,500b	60
65	79.2	225.3	78,100	67,500	58,400	78,100	67,500	58,400	65
70	77.8	223.9	76,300	66,100	57,300	76,300	66,100	57,300	70
75	76.5	222.3	74,400	64,700	56,300	74,400	64,700	56,300	75
80	75.1	220.6	72,700	63,400	55,300	72,700	63,400	55,300	80
85	73.8	218.7	71,100	62,100	54,300	71,100	62,100	54,300	85
90	72.4	216.7	69,500	61,000	53,400	69,500	61,000	53,400	90
95	71.0	214.6	68,000	59,800	52,500	68,000	59,800	53,400	95
100	69.6	212.3	66,600	58,600	51,600	66,600	58,600	52,500	100
105	68.2	209.9	64,500	57,600	50,800	64,500	57,600	51,600	105
110	66.7	207.3	62,000	56,600	50,000	62,000	56,600	50,800	110
115	65.3	204.6	59,600	55,600	49,200	59,600	55,600	50,000	115
120	63.8	201.7	57,500	54,600	48,400	57,500	54,600	49,200	120
130	60.7	195.3	53,600	52,800	47,800	53,600	52,800	47,800	130
140	57.6	188.1	50,100	49,700	46,400	50,100	49,700	46,400	140
150	54.3	180.1	47,200	46,800	45,200	47,200	46,800	45,200	150
160	50.8	171.0	44,500	44,200	43,900	44,500	44,200	43,900	160
170	47.1	160.7	42,100	41,900	41,600	42,100	41,900	41,600	170
180	43.2	149.0	40,000	39,800	39,600	40,000	39,800	39,600	180
190	38.8	135.3	38,100	37,900	37,700	38,100	37,900	37,700	190
200	33.9	119.1	36,400	36,300	36,000	36,400	36,300	36,000	200
210	28.1	98.8	35,000	34,800	34,600	35,000	34,800	34,600	210
220	20.5	70.6	33,800	33,600	33,500	33,800	33,600	33,500	220

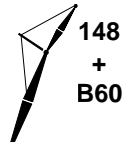


# MLC650 VPC-MAX S-2

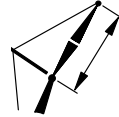


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60									60
65	82.2	222.8	67,900b			67,900b			65
70	80.9	221.4	64,900b			64,900b			70
75	79.5	219.8	62,200			62,200			75
80	78.2	218.0	59,700			59,700			80
85	76.8	216.1	57,400			57,400			85
90	75.4	214.1	55,200			55,200			90
95	74.0	212.0	53,300			53,300			95
100	72.5	209.7	51,400			51,400			100
105	71.1	207.2	49,700			49,700			105
110	69.6	204.6	48,100			48,100			110
115	68.1	201.8	46,600			46,600			115
120	66.6	198.8	45,200			45,200			120
130	63.5	192.4	42,600			42,600			130
140	60.3	185.1	40,400			40,400			140
150	57.0	176.9	38,400			38,400			150
160	53.4	167.6	36,600			36,600			160
170	49.7	157.1	35,000			35,000			170
180	45.6	145.1	33,500			33,500			180
190	41.1	131.0	32,300			32,300			190
200	36.0	114.0	31,300			31,300			200
210	29.9	92.6	30,400			30,400			210
220									220

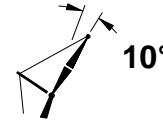
# MLC650 VPC-MAX S-2



164.0 ft



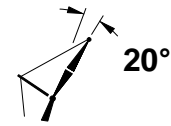
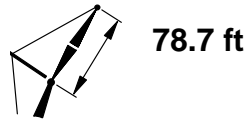
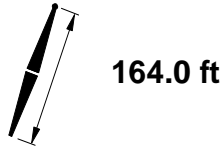
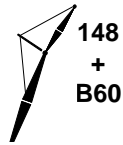
78.7 ft



10°

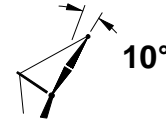
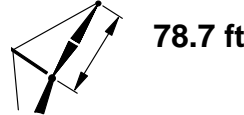
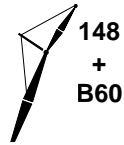
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55	82.5	248.0	83,100b			83,100b			55
60	81.3	246.9	81,100	69,600		81,100	69,600		60
65	80.1	245.6	79,300	68,300	60,100	79,300	68,300	60,100	65
70	78.9	244.3	77,500	66,900	59,000	77,500	66,900	59,000	70
75	77.6	242.9	75,800	65,700	58,000	75,800	65,700	58,000	75
80	76.4	241.3	74,200	64,400	57,000	74,200	64,400	57,000	80
85	75.2	239.6	72,600	63,200	56,100	72,600	63,200	56,100	85
90	73.9	237.8	71,100	62,100	55,200	71,100	62,100	55,200	90
95	72.6	235.9	69,600	61,000	54,300	69,600	61,000	54,300	95
100	71.4	233.8	68,200	59,900	53,500	68,200	59,900	53,500	100
105	70.1	231.6	66,900	58,900	52,700	66,900	58,900	52,700	105
110	68.8	229.3	65,500	57,900	51,900	65,500	57,900	51,900	110
115	67.5	226.8	63,100	57,000	51,100	63,100	57,000	51,100	115
120	66.1	224.2	61,000	56,100	50,400	61,000	56,100	50,400	120
130	63.4	218.5	56,900	54,300	49,000	56,900	54,300	49,000	130
140	60.6	212.2	53,400	52,700	47,700	53,400	52,700	47,700	140
150	57.7	205.1	50,300	49,900	46,400	50,300	49,900	46,400	150
160	54.7	197.3	47,500	47,200	45,300	47,500	47,200	45,300	160
170	51.6	188.5	45,000	44,700	44,300	45,000	44,700	44,300	170
180	48.3	178.7	42,800	42,500	42,300	42,800	42,500	42,300	180
190	44.8	167.7	40,800	40,500	40,300	40,800	40,500	40,300	190
200	41.0	155.1	39,000	38,700	38,600	39,000	38,700	38,600	200
210	36.8	140.6	37,400	37,200	36,900	37,400	37,200	36,900	210
220	32.1	123.3	36,000	35,700	35,600	36,000	35,700	35,600	220
230	26.5	101.9	34,700	34,500	34,300	34,700	34,500	34,300	230
240	19.1	71.8	33,700	33,500	33,300	33,700	33,500	33,300	240

# MLC650 VPC-MAX S-2



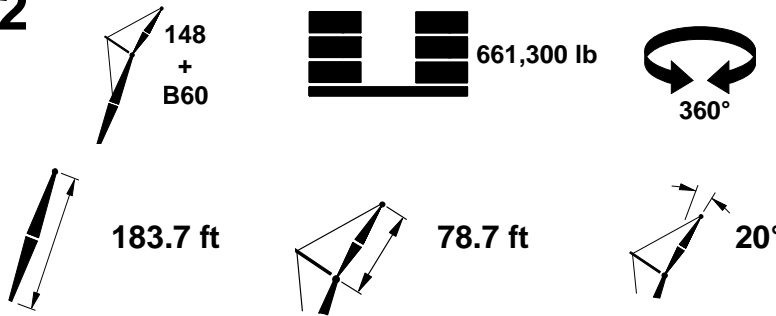
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
55									55
60									60
65	82.9	243.0	69,300b			69,300b			65
70	81.7	241.7	66,500	60,400		66,500	60,400		70
75	80.4	240.2	63,900	59,400	53,000	63,900	59,400	53,000	75
80	79.2	238.6	61,400	58,500	52,300	61,400	58,500	52,300	80
85	77.9	236.9	59,200	57,600	51,600	59,200	57,600	51,600	85
90	76.6	235.1	57,100	56,700	50,800	57,100	56,700	50,800	90
95	75.4	233.2	55,200	54,800	50,200	55,200	54,800	50,200	95
100	74.1	231.1	53,400	53,100	49,500	53,400	53,100	49,500	100
105	72.8	228.9	51,700	51,300	48,900	51,700	51,300	48,900	105
110	71.5	226.5	50,100	49,800	48,300	50,100	49,800	48,300	110
115	70.1	224.0	48,600	48,300	47,700	48,600	48,300	47,700	115
120	68.8	221.4	47,200	46,900	46,400	47,200	46,900	46,400	120
130	66.0	215.6	44,700	44,400	44,000	44,700	44,400	44,000	130
140	63.2	209.2	42,300	42,100	41,800	42,300	42,100	41,800	140
150	60.3	202.0	40,300	40,100	39,900	40,300	40,100	39,900	150
160	57.2	194.0	38,400	38,300	38,100	38,400	38,300	38,100	160
170	54.0	185.1	36,800	36,700	36,600	36,800	36,700	36,600	170
180	50.6	175.1	35,300	35,200	35,000	35,300	35,200	35,000	180
190	47.0	163.8	34,000	33,900	33,800	34,000	33,900	33,800	190
200	43.1	150.9	32,800	32,700	32,600	32,800	32,700	32,600	200
210	38.8	135.8	31,800	31,700	31,600	31,800	31,700	31,600	210
220	33.9	117.8	31,000	30,800	30,700	31,000	30,800	30,700	220
230	28.0	95.0	30,300	30,100	30,100	30,300	30,100	30,100	230
240									240

# MLC650 VPC-MAX S-2



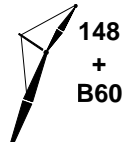
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
60	82.0	267.0	82,000	70,200	60,500	82,000	70,200	60,500	60
65	80.8	265.8	80,300	68,900	59,600	80,300	68,900	59,600	65
70	79.7	264.6	78,600	67,600	58,700	78,600	67,600	58,700	70
75	78.6	263.3	77,000	66,500	57,700	77,000	66,500	57,700	75
80	77.5	261.9	75,400	65,300	56,900	75,400	65,300	56,900	80
85	76.3	260.3	73,900	64,200	56,000	73,900	64,200	56,000	85
90	75.2	258.7	72,500	63,100	55,100	72,500	63,100	55,100	90
95	74.0	256.9	71,100	62,100	54,400	71,100	62,100	54,400	95
100	72.8	255.0	69,700	61,000	53,600	69,700	61,000	53,600	100
105	71.7	253.0	68,500	60,100	52,800	68,500	60,100	52,800	105
110	70.5	250.9	67,200	59,100	52,100	67,200	59,100	52,100	110
115	69.3	248.6	66,100	58,200	51,300	66,100	58,200	51,300	115
120	68.1	246.3	64,200	57,300	50,000	64,200	57,300	50,000	120
130	65.6	241.1	60,100	55,600	48,700	60,100	55,600	48,700	130
140	63.1	235.4	56,500	54,000	47,500	56,500	54,000	47,500	140
150	60.5	229.1	53,300	52,600	46,400	53,300	52,600	46,400	150
160	57.9	222.2	50,400	50,000	45,400	50,400	50,000	45,400	160
170	55.1	214.5	47,900	47,500	44,400	47,900	47,500	44,400	170
180	52.3	206.0	45,600	45,200	43,400	45,600	45,200	43,400	180
190	49.3	196.6	43,400	43,100	41,100	43,400	43,100	41,100	190
200	46.1	186.1	41,500	41,200	39,300	41,500	41,200	39,300	200
210	42.7	174.3	39,800	39,600	37,800	39,800	39,600	37,800	210
220	39.1	161.0	38,300	38,000	36,400	38,300	38,000	36,400	220
230	35.1	145.6	36,800	36,600	35,100	36,800	36,600	35,100	230
240	30.5	127.4	35,500	35,400	34,100	35,500	35,400	34,100	240
250	25.1	104.7	34,400	34,200	34,100	34,400	34,200	34,100	250

# MLC650 VPC-MAX S-2

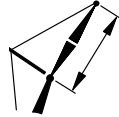


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70	82.3	261.9	67,900			67,900			70
75	81.2	260.6	65,400			65,400			75
80	80.0	259.1	63,000			63,000			80
85	78.9	257.6	60,900			60,900			85
90	77.7	255.9	58,800			58,800			90
95	76.5	254.1	57,000			57,000			95
100	75.4	252.2	55,200			55,200			100
105	74.2	250.2	53,500			53,500			105
110	73.0	248.0	51,900			51,900			110
115	71.8	245.8	50,500			50,500			115
120	70.5	243.4	49,100			49,100			120
130	68.1	238.2	46,500			46,500			130
140	65.5	232.4	44,200			44,200			140
150	62.9	226.0	42,100			42,100			150
160	60.2	218.9	40,300			40,300			160
170	57.4	211.1	38,600			38,600			170
180	54.5	202.5	37,100			37,100			180
190	51.4	192.9	35,700			35,700			190
200	48.2	182.1	34,500			34,500			200
210	44.7	170.1	33,300			33,300			210
220	41.0	156.4	32,300			32,300			220
230	36.9	140.4	31,400			31,400			230
240	32.1	121.4	30,700			30,700			240
250									250

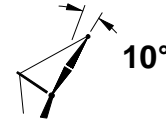
# MLC650 VPC-MAX S-2



203.4 ft



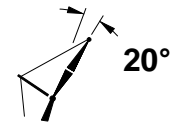
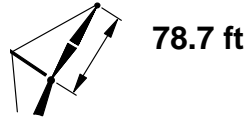
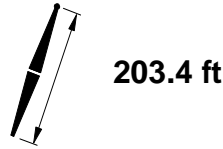
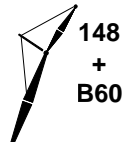
78.7 ft



10°

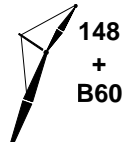
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
60	82.5	287.0	82,700			82,700			60
65	81.5	286.0	81,000	69,300		81,000	69,300		65
70	80.5	284.8	79,400	68,200	59,900	79,400	68,200	59,900	70
75	79.4	283.6	77,900	67,100	59,100	77,900	67,100	59,100	75
80	78.4	282.3	76,400	66,000	58,200	76,400	66,000	58,200	80
85	77.3	280.9	75,000	64,900	57,400	75,000	64,900	57,400	85
90	76.2	279.3	73,600	63,900	56,600	73,600	63,900	56,600	90
95	75.2	277.7	72,300	62,900	55,800	72,300	62,900	55,800	95
100	74.1	276.0	71,000	62,000	55,000	71,000	62,000	55,000	100
105	73.0	274.1	69,800	61,000	54,300	69,800	61,000	54,300	105
110	71.9	272.2	68,700	60,100	53,500	68,700	60,100	53,500	110
115	70.8	270.1	67,500	59,200	52,800	67,500	59,200	52,800	115
120	69.7	267.9	66,400	58,400	52,100	66,400	58,400	52,100	120
130	67.5	263.2	63,200	56,800	50,900	63,200	56,800	50,900	130
140	65.2	258.1	59,500	55,200	49,600	59,500	55,200	49,600	140
150	62.9	252.3	56,100	53,800	48,400	56,100	53,800	48,400	150
160	60.5	246.1	53,200	52,500	47,400	53,200	52,500	47,400	160
170	58.0	239.2	50,500	50,100	46,300	50,500	50,100	46,300	170
180	55.4	231.6	48,200	47,800	45,400	48,200	47,800	45,400	180
190	52.8	223.3	45,900	45,600	44,500	45,900	45,600	44,500	190
200	50.1	214.2	44,000	43,700	43,400	44,000	43,700	43,400	200
210	47.2	204.2	42,200	41,900	41,600	42,200	41,900	41,600	210
220	44.1	193.0	40,500	40,200	40,000	40,500	40,200	40,000	220
230	40.9	180.6	39,000	38,800	38,500	39,000	38,800	38,500	230
240	37.4	166.5	37,600	37,400	37,100	37,600	37,400	37,100	240
250	33.5	150.3	36,300	36,200	35,900	36,300	36,200	35,900	250
260	29.1	131.1	35,200	35,000	34,900	35,200	35,000	34,900	260
270	23.9	107.3	34,200	34,100	33,900	34,200	34,100	33,900	270

# MLC650 VPC-MAX S-2

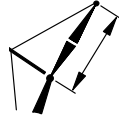


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70	82.9	282.1	69,200			69,200			70
75	81.8	280.8	66,700		60,200	66,700		60,200	75
80	80.8	279.5	64,400	59,400	53,000	64,400	59,400	53,000	80
85	79.7	278.0	62,400	58,600	52,300	62,400	58,600	52,300	85
90	78.6	276.5	60,400	57,800	51,700	60,400	57,800	51,700	90
95	77.5	274.9	58,500	57,000	51,100	58,500	57,000	51,100	95
100	76.4	273.1	56,800	56,300	50,500	56,800	56,300	50,500	100
105	75.4	271.2	55,100	54,800	49,900	55,100	54,800	49,900	105
110	74.3	269.3	53,600	53,200	49,400	53,600	53,200	49,400	110
115	73.1	267.2	52,100	51,800	48,900	52,100	51,800	48,900	115
120	72.0	265.0	50,700	50,400	48,300	50,700	50,400	48,300	120
130	69.8	260.2	48,200	48,000	47,300	48,200	48,000	47,300	130
140	67.4	255.0	45,900	45,600	45,200	45,900	45,600	45,200	140
150	65.1	249.2	43,900	43,600	43,200	43,900	43,600	43,200	150
160	62.6	242.8	42,000	41,700	41,400	42,000	41,700	41,400	160
170	60.1	235.8	40,200	40,100	39,800	40,200	40,100	39,800	170
180	57.6	228.2	38,600	38,500	38,300	38,600	38,500	38,300	180
190	54.9	219.8	37,300	37,100	37,000	37,300	37,100	37,000	190
200	52.1	210.5	36,000	35,800	35,700	36,000	35,800	35,700	200
210	49.1	200.2	34,700	34,600	34,500	34,700	34,600	34,500	210
220	46.0	188.8	33,700	33,600	33,500	33,700	33,600	33,500	220
230	42.7	176.1	32,700	32,600	32,500	32,700	32,600	32,500	230
240	39.1	161.6	31,900	31,700	31,600	31,900	31,700	31,600	240
250	35.1	144.8	31,100	31,000	30,900	31,100	31,000	30,900	250
260	30.5	124.7	30,500	30,400	30,300	30,500	30,400	30,300	260
270									270

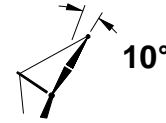
# MLC650 VPC-MAX S-2



223.1 ft



78.7 ft

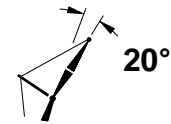
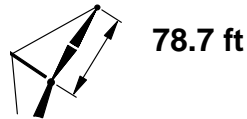
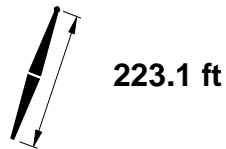
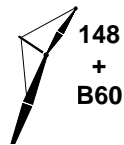


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
65	82.1	306.1	81,500			81,500			65
70	81.1	305.0	80,100	68,500		80,100	68,500		70
75	80.1	303.9	78,600	67,500	59,300	78,600	67,500	59,300	75
80	79.1	302.6	77,200	66,500	58,500	77,200	66,500	58,500	80
85	78.2	301.3	75,800	65,500	57,700	75,800	65,500	57,700	85
90	77.2	299.9	74,600	64,500	57,000	74,600	64,500	57,000	90
95	76.2	298.3	73,300	63,600	56,200	73,300	63,600	56,200	95
100	75.2	296.7	72,100	62,700	55,500	72,100	62,700	55,500	100
105	74.2	295.0	70,900	61,800	54,800	70,900	61,800	54,800	105
110	73.2	293.2	69,800	60,900	54,100	69,800	60,900	54,100	110
115	72.2	291.3	68,700	60,100	53,400	68,700	60,100	53,400	115
120	71.1	289.3	67,600	59,300	52,800	67,600	59,300	52,800	120
130	69.1	285.0	65,500	57,700	51,600	65,500	57,700	51,600	130
140	67.0	280.2	62,200	56,200	50,400	62,200	56,200	50,400	140
150	64.8	275.0	58,900	54,900	49,300	58,900	54,900	49,300	150
160	62.6	269.2	55,800	53,500	48,200	55,800	53,500	48,200	160
170	60.4	263.0	53,100	52,300	47,200	53,100	52,300	47,200	170
180	58.1	256.2	50,600	50,200	46,300	50,600	50,200	46,300	180
190	55.7	248.7	48,400	48,000	45,400	48,400	48,000	45,400	190
200	53.3	240.6	46,300	46,000	44,600	46,300	46,000	44,600	200
210	50.7	231.8	44,500	44,100	43,700	44,500	44,100	43,700	210
220	48.1	222.1	42,700	42,500	42,200	42,700	42,500	42,200	220
230	45.3	211.5	41,200	40,900	40,700	41,200	40,900	40,700	230
240	42.4	199.7	39,700	39,400	39,200	39,700	39,400	39,200	240
250	39.3	186.6	38,300	38,100	37,800	38,300	38,100	37,800	250
260	35.9	171.8	37,100	36,800	36,700	37,100	36,800	36,700	260
270	32.1	154.8	36,000	35,700	35,600	36,000	35,700	35,600	270
280	27.9	134.7	34,900	34,800	34,500	34,900	34,800	34,500	280
290	22.8	109.7	34,100	33,900	33,700	34,100	33,900	33,700	290

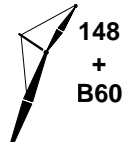


# MLC650 VPC-MAX S-2

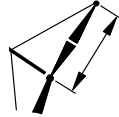


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75	82.4	301.0	67,900			67,900			75
80	81.4	299.8	65,700			65,700	59,600		80
85	80.4	298.4	63,600	59,600		63,600	58,900	52,500	85
90	79.4	297.0	61,700	58,200	51,900	61,700	58,200	51,900	90
95	78.4	295.4	59,900	57,500	51,400	59,900	57,500	51,400	95
100	77.4	293.8	58,200	56,800	50,800	58,200	56,800	50,800	100
105	76.4	292.1	56,600	56,100	50,300	56,600	56,100	50,300	105
110	75.4	290.3	55,100	54,700	49,700	55,100	54,700	49,700	110
115	74.3	288.3	53,700	53,300	49,300	53,700	53,300	49,300	115
120	73.3	286.3	52,300	51,900	48,800	52,300	51,900	48,800	120
130	71.2	281.9	49,700	49,500	47,800	49,700	49,500	47,800	130
140	69.1	277.1	47,500	47,200	46,700	47,500	47,200	46,700	140
150	66.9	271.8	45,400	45,200	44,700	45,400	45,200	44,700	150
160	64.7	266.0	43,500	43,300	42,900	43,500	43,300	42,900	160
170	62.4	259.7	41,800	41,600	41,300	41,800	41,600	41,300	170
180	60.1	252.8	40,200	40,000	39,800	40,200	40,000	39,800	180
190	57.7	245.2	38,700	38,600	38,400	38,700	38,600	38,400	190
200	55.2	237.0	37,400	37,200	37,100	37,400	37,200	37,100	200
210	52.6	228.0	36,200	36,100	35,900	36,200	36,100	35,900	210
220	49.9	218.1	35,100	34,900	34,800	35,100	34,900	34,800	220
230	47.1	207.3	34,100	33,900	33,800	34,100	33,900	33,800	230
240	44.1	195.2	33,100	33,000	32,800	33,100	33,000	32,800	240
250	40.9	181.8	32,300	32,200	32,000	32,300	32,200	32,000	250
260	37.4	166.5	31,500	31,400	31,300	31,500	31,400	31,300	260
270	33.5	148.9	30,800	30,800	30,700	30,800	30,800	30,700	270
280	29.1	127.8	30,300	30,300	30,100	30,300	30,300	30,100	280
290									290

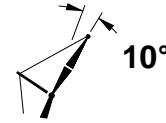
# MLC650 VPC-MAX S-2



242.8 ft



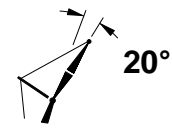
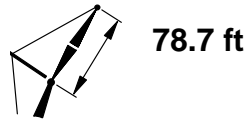
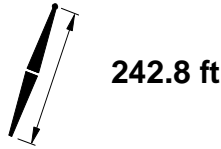
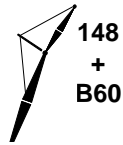
78.7 ft



10°

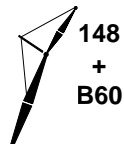
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65	82.6	326.1	82,000			82,000			65
70	81.6	325.1	80,600	68,800		80,600	68,800		70
75	80.7	324.0	79,200	67,800	59,500	79,200	67,800	59,500	75
80	79.8	322.9	77,900	66,800	58,700	77,900	66,800	58,700	80
85	78.9	321.6	76,600	65,900	58,000	76,600	65,900	58,000	85
90	78.0	320.3	75,400	65,000	57,300	75,400	65,000	57,300	90
95	77.1	318.9	74,200	64,100	56,600	74,200	64,100	56,600	95
100	76.1	317.4	73,000	63,200	55,900	73,000	63,200	55,900	100
105	75.2	315.8	71,900	62,400	55,200	71,900	62,400	55,200	105
110	74.2	314.1	70,800	61,600	54,600	70,800	61,600	54,600	110
115	73.3	312.3	69,700	60,800	54,000	69,700	60,800	54,000	115
120	72.4	310.5	68,700	60,000	53,400	68,700	60,000	53,400	120
130	70.4	306.4	66,800	58,500	52,200	66,800	58,500	52,200	130
140	68.5	302.0	64,900	57,100	51,000	64,900	57,100	51,000	140
150	66.5	297.2	61,500	55,800	50,000	61,500	55,800	50,000	150
160	64.5	291.9	58,400	54,500	48,900	58,400	54,500	48,900	160
170	62.4	286.2	55,600	53,300	47,900	55,600	53,300	47,900	170
180	60.3	279.9	53,100	52,200	47,000	53,100	52,200	47,000	180
190	58.2	273.2	50,700	50,300	46,200	50,700	50,300	46,200	190
200	56.0	265.8	48,600	48,300	45,300	48,600	48,300	45,300	200
210	53.7	257.9	46,700	46,300	44,600	46,700	46,300	44,600	210
220	51.3	249.3	44,900	44,500	43,900	44,900	44,500	43,900	220
230	48.9	239.9	43,300	42,900	42,600	43,300	42,900	42,600	230
240	46.3	229.6	41,800	41,400	41,100	41,800	41,400	41,100	240
250	43.7	218.4	40,300	40,000	39,800	40,300	40,000	39,800	250
260	40.8	206.0	39,000	38,700	38,500	39,000	38,700	38,500	260
270	37.8	192.3	37,700	37,600	37,300	37,700	37,600	37,300	270
280	34.5	176.8	36,600	35,400	33,800	36,600	36,500	36,200	280
290	30.9	159.0	32,000	30,600	29,200	35,600	35,500	35,200	290
300	26.7	138.1	27,200	26,000	24,800	34,700	34,600	34,400	300
310	21.8	111.9	22,500	21,500	20,600	34,000	33,800	33,600	310

# MLC650 VPC-MAX S-2

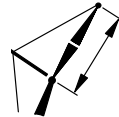


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75	82.9	321.1	68,900			68,900			75
80	81.9	319.9	66,800			66,800	59,900		80
85	81.0	318.7	64,900	59,900		64,900	59,100	52,600	85
90	80.1	317.4	63,000	58,500	52,600	63,000	58,500	52,100	90
95	79.1	315.9	61,200	57,800	51,600	61,200	57,800	51,600	95
100	78.2	314.4	59,500	57,100	51,000	59,500	57,100	51,000	100
105	77.3	312.8	58,000	56,500	50,500	58,000	56,500	50,500	105
110	76.3	311.1	56,500	55,900	50,000	56,500	55,900	50,000	110
115	75.3	309.3	55,100	54,700	49,600	55,100	54,700	49,600	115
120	74.4	307.4	53,700	53,300	49,100	53,700	53,300	49,100	120
130	72.4	303.4	51,200	50,900	48,200	51,200	50,900	48,200	130
140	70.5	298.9	49,000	48,700	47,300	49,000	48,700	47,300	140
150	68.5	294.0	46,900	46,600	46,100	46,900	46,600	46,100	150
160	66.4	288.7	45,000	44,700	44,300	45,000	44,700	44,300	160
170	64.4	282.9	43,200	43,100	42,700	43,200	43,100	42,700	170
180	62.2	276.5	41,600	41,500	41,100	41,600	41,500	41,100	180
190	60.1	269.7	40,200	40,000	39,700	40,200	40,000	39,700	190
200	57.8	262.3	38,800	38,700	38,400	38,800	38,700	38,400	200
210	55.5	254.2	37,600	37,400	37,300	37,600	37,400	37,300	210
220	53.1	245.4	36,400	36,300	36,100	36,400	36,300	36,100	220
230	50.6	235.9	35,400	35,200	35,100	35,400	35,200	35,100	230
240	48.0	225.5	34,400	34,200	34,100	34,400	34,200	34,100	240
250	45.3	214.0	33,500	33,300	33,200	33,500	33,300	33,200	250
260	42.4	201.4	32,700	32,500	32,400	32,700	32,500	32,400	260
270	39.3	187.2	31,900	31,800	31,700	31,900	31,800	31,700	270
280	35.9	171.3	31,200	31,200	31,000	31,200	31,200	31,000	280
290	32.1	152.8	30,700	30,600	30,300	30,700	30,600	30,400	290
300	27.8	130.8	28,000	26,800	25,600	30,200	30,100	30,100	300
310									310

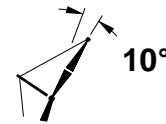
# MLC650 VPC-MAX S-2



262.5 ft



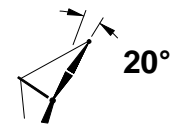
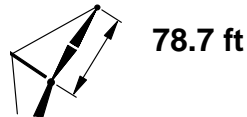
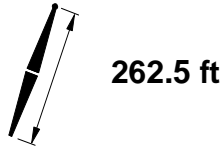
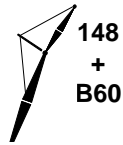
78.7 ft



10°

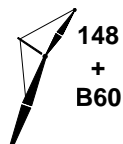
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	83.0	346.1	82,300			82,300			65
70	82.1	345.1	80,900			80,900			70
75	81.3	344.1	79,700	68,000		79,700	68,000		75
80	80.4	343.0	78,400	67,100	58,800	78,400	67,100	58,800	80
85	79.6	341.9	77,200	66,200	58,100	77,200	66,200	58,100	85
90	78.7	340.6	76,100	65,300	57,500	76,100	65,300	57,500	90
95	77.8	339.3	74,900	64,600	56,800	74,900	64,600	56,800	95
100	77.0	337.9	73,800	63,700	56,200	73,800	63,700	56,200	100
105	76.1	336.4	72,700	62,900	55,600	72,700	62,900	55,600	105
110	75.2	334.8	71,700	62,100	54,900	71,700	62,100	54,900	110
115	74.3	333.2	70,700	61,300	54,400	70,700	61,300	54,400	115
120	73.4	331.4	69,700	60,700	53,800	69,700	60,700	53,800	120
130	71.6	327.7	67,800	59,200	52,600	67,800	59,200	52,600	130
140	69.8	323.5	66,000	57,800	51,600	66,000	57,800	51,600	140
150	68.0	319.0	63,900	56,600	50,500	63,900	56,600	50,500	150
160	66.1	314.1	60,800	55,300	49,500	60,800	55,300	49,500	160
170	64.2	308.8	58,000	54,100	48,600	58,000	54,100	48,600	170
180	62.3	303.1	55,400	53,000	47,700	55,400	53,000	47,700	180
190	60.3	296.9	53,000	52,000	46,900	53,000	52,000	46,900	190
200	58.3	290.2	50,900	50,400	46,100	50,900	50,400	46,100	200
210	56.2	282.9	48,900	48,500	45,300	48,900	48,500	45,300	210
220	54.1	275.1	47,000	46,600	44,500	47,000	46,600	44,500	220
230	51.9	266.7	45,300	44,900	43,900	45,300	44,900	43,900	230
240	49.6	257.5	43,700	43,400	43,100	43,700	43,400	43,100	240
250	47.2	247.6	42,200	41,900	41,700	42,200	41,900	41,700	250
260	44.7	236.9	40,900	40,600	40,400	40,900	40,600	40,400	260
270	42.2	225.1	39,600	37,600	35,500	39,600	39,300	39,100	270
280	39.4	212.1	34,500	32,500	30,600	38,400	38,200	37,900	280
290	36.5	197.8	29,500	27,800	26,100	37,300	37,100	36,900	290
300	33.3	181.6	24,800	23,300	21,800	36,300	36,100	35,900	300
310	29.7	163.1	20,300	19,000	17,700	35,400	35,200	35,000	310
320	25.7	141.3	16,000	14,900	13,800	34,600	34,300	34,200	320
330	20.8	114.0	11,800	10,900	10,100	33,900	33,700	33,600	330

# MLC650 VPC-MAX S-2

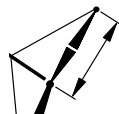


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75									75
80	82.4	340.1	67,900			67,900			80
85	81.5	338.9	65,900	59,300		65,900	59,300		85
90	80.7	337.6	64,100	58,600	52,100	64,100	58,600	52,100	90
95	79.8	336.3	62,400	58,000	51,700	62,400	58,000	51,700	95
100	78.9	334.9	60,800	57,400	51,200	60,800	57,400	51,200	100
105	78.0	333.4	59,200	56,800	50,700	59,200	56,800	50,700	105
110	77.1	331.8	57,800	56,200	50,300	57,800	56,200	50,300	110
115	76.2	330.1	56,400	55,600	49,800	56,400	55,600	49,800	115
120	75.3	328.3	55,000	54,700	49,400	55,000	54,700	49,400	120
130	73.5	324.6	52,600	52,300	48,500	52,600	52,300	48,500	130
140	71.7	320.4	50,400	50,000	47,700	50,400	50,000	47,700	140
150	69.8	315.8	48,200	48,000	46,900	48,200	48,000	46,900	150
160	67.9	310.9	46,400	46,100	45,600	46,400	46,100	45,600	160
170	66.0	305.5	44,600	44,400	44,000	44,600	44,400	44,000	170
180	64.1	299.7	43,000	42,800	42,400	43,000	42,800	42,400	180
190	62.1	293.4	41,500	41,400	41,000	41,500	41,400	41,000	190
200	60.0	286.6	40,200	40,000	39,700	40,200	40,000	39,700	200
210	57.9	279.3	38,900	38,700	38,500	38,900	38,700	38,500	210
220	55.8	271.4	37,700	37,600	37,400	37,700	37,600	37,400	220
230	53.5	262.8	36,600	36,500	36,300	36,600	36,500	36,300	230
240	51.2	253.5	35,600	35,500	35,300	35,600	35,500	35,300	240
250	48.8	243.5	34,700	34,500	34,400	34,700	34,500	34,400	250
260	46.3	232.5	33,800	33,700	33,500	33,800	33,700	33,500	260
270	43.6	220.5	33,000	32,900	32,700	33,000	32,900	32,700	270
280	40.8	207.2	32,300	32,100	32,000	32,300	32,100	32,000	280
290	37.8	192.5	31,100	29,300	27,600	31,600	31,500	31,400	290
300	34.5	175.8	26,100	24,500	23,100	31,000	30,900	30,800	300
310	30.8	156.5	21,300	20,000	18,700	30,600	30,400	30,300	310
320									320
330									330

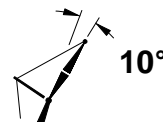
# MLC650 VPC-MAX S-2



282.2 ft



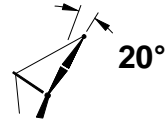
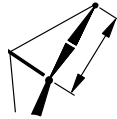
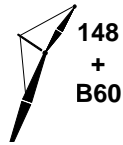
78.7 ft



10°

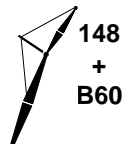
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.6	365.1	81,200			81,200			70
75	81.8	364.2	80,000	68,100		80,000	68,100		75
80	81.0	363.2	78,800	67,200	58,800	78,800	67,200	58,800	80
85	80.1	362.1	77,700	66,400	58,200	77,700	66,400	58,200	85
90	79.3	360.9	76,600	65,600	57,500	76,600	65,600	57,500	90
95	78.5	359.6	75,500	64,800	56,900	75,500	64,800	56,900	95
100	77.7	358.3	74,400	64,000	56,300	74,400	64,000	56,300	100
105	76.9	356.9	73,400	63,300	55,800	73,400	63,300	55,800	105
110	76.0	355.4	72,400	62,500	55,200	72,400	62,500	55,200	110
115	75.2	353.9	71,400	61,800	54,600	71,400	61,800	54,600	115
120	74.4	352.2	70,500	61,100	54,000	70,500	61,100	54,000	120
130	72.7	348.7	68,700	59,700	53,000	68,700	59,700	53,000	130
140	71.0	344.8	66,900	58,400	52,000	66,900	58,400	52,000	140
150	69.3	340.6	65,300	57,200	51,000	65,300	57,200	51,000	150
160	67.5	336.1	63,200	56,000	50,000	63,200	56,000	50,000	160
170	65.7	331.1	60,300	54,900	49,100	60,300	54,900	49,100	170
180	63.9	325.8	57,700	53,800	48,300	57,700	53,800	48,300	180
190	62.1	320.0	55,300	52,800	47,500	55,300	52,800	47,500	190
200	60.2	313.8	53,100	51,800	46,700	53,100	51,800	46,700	200
210	58.3	307.2	51,000	50,600	45,900	51,000	50,600	45,900	210
220	56.4	300.0	49,100	48,700	45,200	49,100	48,700	45,200	220
230	54.4	292.3	47,300	47,000	44,500	47,300	47,000	44,500	230
240	52.3	284.0	45,700	45,300	43,900	45,700	45,300	43,900	240
250	50.2	275.1	44,200	43,900	43,200	44,200	43,900	43,200	250
260	48.0	265.5	42,700	42,500	42,100	42,700	42,500	42,100	260
270	45.7	255.1	41,400	39,700	37,200	41,400	41,200	40,800	270
280	43.3	243.8	36,700	34,400	32,200	40,200	39,900	39,700	280
290	40.8	231.5	31,500	29,500	27,500	39,000	38,800	38,500	290
300	38.1	218.0	26,600	24,800	23,000	38,000	37,700	37,500	300
310	35.2	203.0	22,000	20,400	18,800	36,900	36,800	36,500	310
320	32.1	186.2	17,600	16,200	14,800	36,000	35,800	35,600	320
330	28.7	167.0	13,400	12,200	11,000	35,200	35,000	34,800	330
340	24.8	144.3	9,400	8,400	7,300	34,400	34,300	34,000	340
350	20.0	115.9				33,800	33,600	33,500	350

# MLC650 VPC-MAX S-2

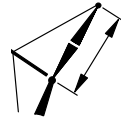


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80	82.8	360.2	68,800			68,800			80
85	82.0	359.0	66,900			66,900			85
90	81.2	357.9	65,200	58,700		65,200	58,700		90
95	80.4	356.6	63,500	58,200	51,700	63,500	58,200	51,700	95
100	79.5	355.3	61,900	57,600	51,200	61,900	57,600	51,200	100
105	78.7	353.9	60,400	57,000	50,800	60,400	57,000	50,800	105
110	77.9	352.4	59,000	56,500	50,300	59,000	56,500	50,300	110
115	77.0	350.8	57,600	55,900	49,900	57,600	55,900	49,900	115
120	76.2	349.1	56,300	55,400	49,500	56,300	55,400	49,500	120
130	74.5	345.6	53,900	53,500	48,700	53,900	53,500	48,700	130
140	72.8	341.7	51,600	51,300	47,900	51,600	51,300	47,900	140
150	71.0	337.4	49,600	49,300	47,200	49,600	49,300	47,200	150
160	69.3	332.8	47,700	47,400	46,500	47,700	47,400	46,500	160
170	67.5	327.8	46,000	45,700	45,200	46,000	45,700	45,200	170
180	65.7	322.4	44,300	44,100	43,700	44,300	44,100	43,700	180
190	63.8	316.6	42,800	42,600	42,300	42,800	42,600	42,300	190
200	61.9	310.3	41,500	41,300	40,900	41,500	41,300	40,900	200
210	60.0	303.6	40,200	40,000	39,700	40,200	40,000	39,700	210
220	58.0	296.3	39,000	38,800	38,600	39,000	38,800	38,600	220
230	56.0	288.5	37,900	37,700	37,500	37,900	37,700	37,500	230
240	53.9	280.1	36,800	36,700	36,500	36,800	36,700	36,500	240
250	51.7	271.1	35,900	35,700	35,500	35,900	35,700	35,500	250
260	49.5	261.3	35,000	34,800	34,700	35,000	34,800	34,700	260
270	47.2	250.8	34,100	34,000	33,900	34,100	34,000	33,900	270
280	44.7	239.3	33,300	33,200	33,100	33,300	33,200	33,100	280
290	42.1	226.7	32,600	31,400	29,400	32,600	32,500	32,400	290
300	39.4	212.8	28,400	26,500	24,700	32,000	31,900	31,700	300
310	36.5	197.5	23,500	21,800	20,200	31,400	31,300	31,200	310
320	33.3	180.1	18,900	17,400	16,000	30,900	30,800	30,600	320
330	29.7	160.1	14,400	13,100	11,900	30,400	30,300	30,200	330
340									340
350									350

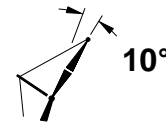
# MLC650 VPC-MAX S-2



301.8 ft



78.7 ft

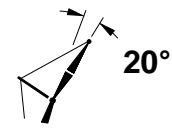
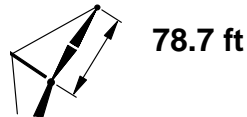
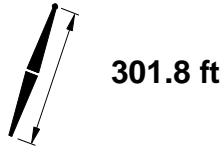
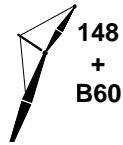


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	83.0	385.1	81,300			81,300			70
75	82.2	384.2	80,200			80,200			75
80	81.4	383.2	79,100	67,200		79,100	67,200		80
85	80.7	382.2	78,000	66,500	58,100	78,000	66,500	58,100	85
90	79.9	381.1	77,000	65,700	57,500	77,000	65,700	57,500	90
95	79.1	379.9	76,000	65,000	57,000	76,000	65,000	57,000	95
100	78.3	378.7	74,900	64,300	56,400	74,900	64,300	56,400	100
105	77.6	377.3	74,000	63,500	55,900	74,000	63,500	55,900	105
110	76.8	375.9	73,000	62,800	55,300	73,000	62,800	55,300	110
115	76.0	374.5	72,100	62,200	54,800	72,100	62,200	54,800	115
120	75.2	372.9	71,200	61,500	54,200	71,200	61,500	54,200	120
130	73.6	369.6	69,400	60,200	53,200	69,400	60,200	53,200	130
140	72.0	365.9	67,700	59,000	52,300	67,700	59,000	52,300	140
150	70.4	362.0	66,200	57,800	51,400	66,200	57,800	51,400	150
160	68.8	357.7	64,700	56,600	50,500	64,700	56,600	50,500	160
170	67.1	353.1	62,500	55,500	49,600	62,500	55,500	49,600	170
180	65.4	348.1	59,900	54,500	48,700	59,900	54,500	48,700	180
190	63.7	342.7	57,400	53,500	47,900	57,400	53,500	47,900	190
200	62.0	336.9	55,200	52,500	47,100	55,200	52,500	47,100	200
210	60.2	330.8	53,100	51,600	46,400	53,100	51,600	46,400	210
220	58.4	324.1	51,100	50,700	45,700	51,100	50,700	45,700	220
230	56.5	317.0	49,300	48,900	45,100	49,300	48,900	45,100	230
240	54.7	309.5	47,600	47,200	44,400	47,600	47,200	44,400	240
250	52.7	301.3	46,000	45,700	43,800	46,000	45,700	43,800	250
260	50.7	292.6	44,500	42,200	39,200	44,500	44,300	43,300	260
270	48.7	283.2	39,400	36,600	33,900	43,200	42,900	42,600	270
280	46.5	273.2	33,900	31,300	28,800	42,000	41,600	41,400	280
290	44.3	262.3	28,700	26,400	24,100	40,700	40,500	40,200	290
300	42.0	250.5	23,800	21,700	19,700	39,600	39,400	39,100	300
310	39.5	237.7	19,300	17,400	15,600	38,500	38,300	38,100	310
320	36.9	223.6	14,900	13,200	11,600	37,500	37,400	37,100	320
330	34.1	208.1	10,800	9,300	7,900	36,600	36,400	36,200	330
340	31.1	190.6	6,900			35,800	35,600	35,400	340
350	27.7	170.7				35,000	34,800	34,600	350
360	23.9	147.1				34,300	34,100	33,900	360
370	19.2	117.7				33,700	33,500	33,400	370

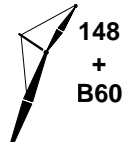


# MLC650 VPC-MAX S-2

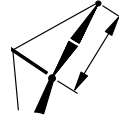


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85	82.4	379.1	67,800			67,800			85
90	81.7	378.0	66,200	58,700		66,200	58,700		90
95	80.9	376.8	64,500	58,200	51,600	64,500	58,200	51,600	95
100	80.1	375.6	63,000	57,700	51,200	63,000	57,700	51,200	100
105	79.3	374.2	61,500	57,100	50,800	61,500	57,100	50,800	105
110	78.5	372.8	60,100	56,600	50,400	60,100	56,600	50,400	110
115	77.7	371.3	58,800	56,100	50,000	58,800	56,100	50,000	115
120	76.9	369.8	57,500	55,600	49,600	57,500	55,600	49,600	120
130	75.3	366.4	55,100	54,700	48,800	55,100	54,700	48,800	130
140	73.7	362.8	52,900	52,500	48,100	52,900	52,500	48,100	140
150	72.1	358.8	50,800	50,500	47,400	50,800	50,500	47,400	150
160	70.4	354.4	49,000	48,700	46,700	49,000	48,700	46,700	160
170	68.8	349.8	47,200	47,000	46,000	47,200	47,000	46,000	170
180	67.1	344.7	45,600	45,400	44,900	45,600	45,400	44,900	180
190	65.3	339.3	44,100	43,900	43,400	44,100	43,900	43,400	190
200	63.6	333.5	42,700	42,500	42,100	42,700	42,500	42,100	200
210	61.8	327.2	41,400	41,200	40,800	41,400	41,200	40,800	210
220	60.0	320.5	40,200	40,000	39,700	40,200	40,000	39,700	220
230	58.1	313.3	39,100	38,900	38,600	39,100	38,900	38,600	230
240	56.2	305.7	38,000	37,800	37,600	38,000	37,800	37,600	240
250	54.2	297.4	37,100	36,800	36,600	37,100	36,800	36,600	250
260	52.2	288.6	36,100	36,000	35,700	36,100	36,000	35,700	260
270	50.1	279.1	35,200	35,100	34,900	35,200	35,100	34,900	270
280	47.9	268.8	34,400	33,800	31,200	34,400	34,300	34,100	280
290	45.7	257.8	31,000	28,600	26,300	33,700	33,500	33,400	290
300	43.3	245.8	25,900	23,700	21,700	32,900	32,800	32,700	300
310	40.8	232.7	21,100	19,100	17,300	32,300	32,200	32,100	310
320	38.1	218.3	16,500	14,800	13,100	31,700	31,600	31,500	320
330	35.3	202.3	12,200	10,600	9,100	31,200	31,000	31,000	330
340	32.1	184.2	8,000	6,600		30,700	30,600	30,500	340
350	28.6	163.5				30,300	30,300	30,100	350
360									360
370									370

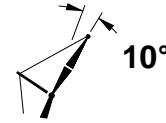
# MLC650 VPC-MAX S-2



321.5 ft



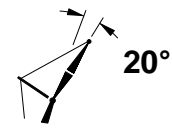
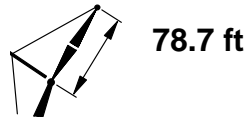
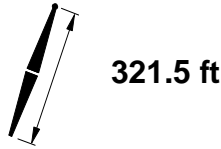
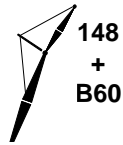
78.7 ft



10°

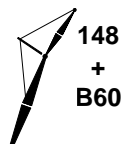
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
75	82.6	404.2	80,300			80,300			75
80	81.9	403.3	79,300			79,300			80
85	81.1	402.3	78,200			78,200			85
90	80.4	401.2	77,200			77,200			90
95	79.7	400.1	76,300			76,300			95
100	78.9	398.9	75,300			75,300			100
105	78.2	397.7	74,400			74,400			105
110	77.4	396.3	73,500			73,500			110
115	76.7	394.9	72,600			72,600			115
120	76.0	393.5	71,700			71,700			120
130	74.5	390.3	70,000			70,000			130
140	72.9	386.9	68,400			68,400			140
150	71.4	383.2	66,900			66,900			150
160	69.9	379.1	65,400			65,400			160
170	68.3	374.8	64,000			64,000			170
180	66.7	370.1	62,000			62,000			180
190	65.1	365.0	59,500			59,500			190
200	63.5	359.6	57,200			57,200			200
210	61.8	353.9	55,100			55,100			210
220	60.2	347.7	53,100			53,100			220
230	58.4	341.1	51,200			51,200			230
240	56.7	334.1	49,500			49,500			240
250	54.9	326.6	47,000			47,900			250
260	53.1	318.6	40,600			46,400			260
270	51.2	310.0	34,600			45,000			270
280	49.2	300.9	29,100			43,600			280
290	47.2	291.1	23,900			42,400			290
300	45.2	280.6	19,000			41,300			300
310	43.0	269.2	14,500			40,200			310
320	40.7	257.0	10,200			39,100			320
330	38.3	243.7				38,100			330
340	35.8	229.1				37,200			340
350	33.1	212.9				36,400			350
360	30.1	194.9				35,600			360
370	26.9	174.2				34,800			370
380	23.1	149.8				34,200			380
390	18.5	119.3				33,700			390

# MLC650 VPC-MAX S-2

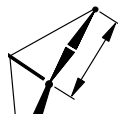


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85	82.8	399.2	68,500			68,500			85
90	82.1	398.1	67,000			67,000			90
95	81.3	397.0	65,500	58,200		65,500	58,200		95
100	80.6	395.8	64,000	57,700	51,100	64,000	57,700	51,100	100
105	79.9	394.5	62,500	57,200	50,700	62,500	57,200	50,700	105
110	79.1	393.2	61,100	56,600	50,300	61,100	56,600	50,300	110
115	78.4	391.8	59,800	56,200	50,000	59,800	56,200	50,000	115
120	77.6	390.3	58,600	55,700	49,600	58,600	55,700	49,600	120
130	76.1	387.2	56,200	54,800	48,900	56,200	54,800	48,900	130
140	74.6	383.7	54,000	53,600	48,200	54,000	53,600	48,200	140
150	73.0	379.9	52,000	51,600	47,500	52,000	51,600	47,500	150
160	71.5	375.8	50,200	49,800	46,900	50,200	49,800	46,900	160
170	69.9	371.4	48,400	48,100	46,300	48,400	48,100	46,300	170
180	68.3	366.7	46,800	46,500	45,700	46,800	46,500	45,700	180
190	66.7	361.6	45,400	45,000	44,500	45,400	45,000	44,500	190
200	65.0	356.2	43,900	43,700	43,200	43,900	43,700	43,200	200
210	63.4	350.3	42,700	42,400	41,900	42,700	42,400	41,900	210
220	61.7	344.1	41,400	41,200	40,800	41,400	41,200	40,800	220
230	59.9	337.5	40,200	40,100	39,700	40,200	40,100	39,700	230
240	58.2	330.4	39,200	38,900	38,600	39,200	38,900	38,600	240
250	56.4	322.8	38,100	38,000	37,700	38,100	38,000	37,700	250
260	54.5	314.7	37,200	37,000	36,800	37,200	37,000	36,800	260
270	52.6	306.0	36,300	34,500	31,500	36,300	36,200	35,900	270
280	50.6	296.7	31,900	29,000	26,200	35,500	35,300	35,100	280
290	48.6	286.8	26,500	23,900	21,300	34,700	34,500	34,400	290
300	46.5	276.1	21,400	19,000	16,700	34,000	33,800	33,700	300
310	44.3	264.6	16,600	14,400	12,400	33,300	33,100	33,000	310
320	42.0	252.1	12,100	10,100	8,200	32,700	32,500	32,400	320
330	39.5	238.4	7,800			32,000	31,900	31,800	330
340	36.9	223.5				31,500	31,400	31,300	340
350	34.1	206.9				31,000	30,900	30,800	350
360	31.1	188.2				30,600	30,500	30,400	360
370	27.6	166.7				30,200	30,200	30,100	370
380									380
390									390

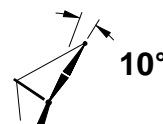
# MLC650 VPC-MAX S-2



341.2 ft



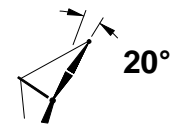
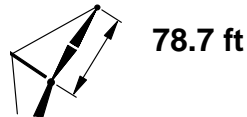
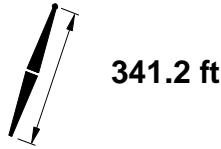
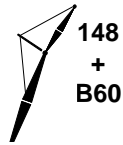
78.7 ft



10°

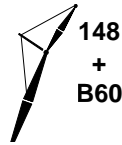
			38.7 ft			60.0 ft			
	ft	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
75	82.9	424.2	80,200			80,200			75
80	82.2	423.3	79,300			79,300			80
85	81.5	422.3	78,300	66,200		78,300	66,200		85
90	80.9	421.3	77,400	65,600	57,200	77,400	65,600	57,200	90
95	80.2	420.3	76,500	65,000	56,700	76,500	65,000	56,700	95
100	79.5	419.1	75,600	64,300	56,200	75,600	64,300	56,200	100
105	78.8	417.9	74,700	63,700	55,700	74,700	63,700	55,700	105
110	78.1	416.7	73,800	63,100	55,200	73,800	63,100	55,200	110
115	77.3	415.4	73,000	62,400	54,800	73,000	62,400	54,800	115
120	76.6	414.0	72,100	61,800	54,300	72,100	61,800	54,300	120
130	75.2	411.0	70,600	60,700	53,400	70,600	60,700	53,400	130
140	73.8	407.7	69,000	59,600	52,500	69,000	59,600	52,500	140
150	72.3	404.2	67,500	58,500	51,700	67,500	58,500	51,700	150
160	70.9	400.4	66,100	57,400	50,900	66,100	57,400	50,900	160
170	69.4	396.2	64,800	56,400	50,100	64,800	56,400	50,100	170
180	67.9	391.8	63,500	55,400	49,300	63,500	55,400	49,300	180
190	66.4	387.1	61,600	54,500	48,600	61,600	54,500	48,600	190
200	64.9	382.0	59,200	53,600	47,900	59,200	53,600	47,900	200
210	63.3	376.6	57,100	52,800	47,200	57,100	52,800	47,200	210
220	61.7	370.8	55,000	51,900	46,500	55,000	51,900	46,500	220
230	60.1	364.6	53,100	51,100	45,900	53,100	51,100	45,900	230
240	58.5	358.1	51,400	50,400	45,300	51,400	50,400	45,300	240
250	56.8	351.1	49,700	47,400	43,400	49,700	49,300	44,700	250
260	55.1	343.7	44,900	41,100	37,400	48,200	47,800	44,200	260
270	53.4	335.8	38,700	35,200	31,800	46,700	46,400	43,600	270
280	51.6	327.4	32,900	29,700	26,600	45,400	45,100	43,100	280
290	49.8	318.5	27,500	24,500	21,800	44,100	43,800	42,700	290
300	47.9	308.9	22,400	19,700	17,200	42,900	42,500	42,200	300
310	45.9	298.7	17,600	15,200	12,900	41,700	41,400	41,100	310
320	43.9	287.7	13,100	10,900	8,800	40,600	40,400	40,200	320
330	41.8	276.0	8,900	6,900		39,700	39,300	39,100	330
340	39.6	263.2				38,700	38,400	38,200	340
350	37.3	249.4				37,800	37,500	37,300	350
360	34.8	234.3				36,900	36,700	36,500	360
370	32.1	217.6				36,100	35,900	35,700	370
380	29.2	198.9				35,400	35,200	35,000	380
390	26.0	177.6				34,700	34,500	34,400	390
400	22.3	152.4				34,100	33,900	33,800	400

# MLC650 VPC-MAX S-2

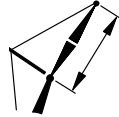


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.5	418.2	67,800			67,800			90
95	81.8	417.1	66,400	58,100		66,400	58,100		95
100	81.1	416.0	64,800	57,600		64,800	57,600		100
105	80.4	414.8	63,500	57,100	50,500	63,500	57,100	50,500	105
110	79.6	413.5	62,100	56,600	50,200	62,100	56,600	50,200	110
115	78.9	412.2	60,800	56,200	49,900	60,800	56,200	49,900	115
120	78.2	410.8	59,600	55,700	49,500	59,600	55,700	49,500	120
130	76.8	407.8	57,300	54,900	48,800	57,300	54,900	48,800	130
140	75.3	404.5	55,100	54,000	48,200	55,100	54,000	48,200	140
150	73.9	400.9	53,200	52,800	47,500	53,200	52,800	47,500	150
160	72.4	397.1	51,300	50,900	47,000	51,300	50,900	47,000	160
170	70.9	392.9	49,600	49,200	46,400	49,600	49,200	46,400	170
180	69.4	388.5	48,000	47,600	45,800	48,000	47,600	45,800	180
190	67.9	383.7	46,500	46,200	45,300	46,500	46,200	45,300	190
200	66.3	378.5	45,100	44,800	44,200	45,100	44,800	44,200	200
210	64.8	373.1	43,700	43,500	43,000	43,700	43,500	43,000	210
220	63.2	367.2	42,500	42,300	41,800	42,500	42,300	41,800	220
230	61.6	361.0	41,400	41,100	40,700	41,400	41,100	40,700	230
240	59.9	354.4	40,300	40,100	39,600	40,300	40,100	39,600	240
250	58.2	347.4	39,300	39,000	38,700	39,300	39,000	38,700	250
260	56.5	339.9	38,300	38,100	37,800	38,300	38,100	37,800	260
270	54.7	331.9	37,400	37,200	35,000	37,400	37,200	36,900	270
280	52.9	323.4	36,000	32,700	29,600	36,600	36,300	36,100	280
290	51.1	314.3	30,300	27,300	24,500	35,700	35,600	35,300	290
300	49.2	304.6	25,000	22,300	19,700	35,000	34,800	34,600	300
310	47.2	294.2	20,100	17,600	15,200	34,200	34,100	33,900	310
320	45.1	283.1	15,400	13,100	10,900	33,600	33,400	33,300	320
330	43.0	271.1	10,900	8,800	6,800	33,000	32,800	32,700	330
340	40.7	258.1	6,700			32,300	32,200	32,100	340
350	38.4	244.0				31,800	31,700	31,600	350
360	35.8	228.5				31,400	31,200	31,100	360
370	33.1	211.4				30,900	30,800	30,600	370
380	30.1	192.0				30,500	30,400	30,300	380
390									390
400									400

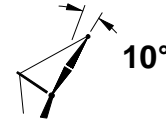
# MLC650 VPC-MAX S-2



360.9 ft



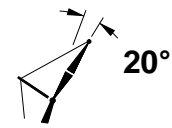
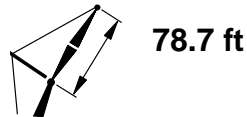
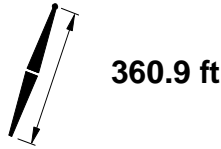
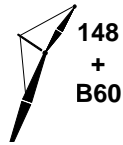
78.7 ft



10°

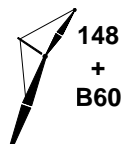
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.6	443.2	79,100			79,100			80
85	81.9	442.4	78,200	65,900		78,200	65,900		85
90	81.3	441.4	77,300	65,300		77,300	65,300		90
95	80.6	440.4	76,500	64,700	56,300	76,500	64,700	56,300	95
100	79.9	439.3	75,600	64,100	55,900	75,600	64,100	55,900	100
105	79.3	438.2	74,800	63,500	55,400	74,800	63,500	55,400	105
110	78.6	437.0	73,900	62,900	55,000	73,900	62,900	55,000	110
115	77.9	435.7	73,100	62,300	54,500	73,100	62,300	54,500	115
120	77.3	434.4	72,400	61,700	54,100	72,400	61,700	54,100	120
130	75.9	431.5	70,800	60,700	53,200	70,800	60,700	53,200	130
140	74.5	428.4	69,300	59,600	52,500	69,300	59,600	52,500	140
150	73.2	425.1	68,000	58,600	51,600	68,000	58,600	51,600	150
160	71.8	421.5	66,600	57,600	50,900	66,600	57,600	50,900	160
170	70.4	417.5	65,300	56,600	50,100	65,300	56,600	50,100	170
180	69.0	413.4	64,000	55,700	49,400	64,000	55,700	49,400	180
190	67.5	408.9	62,900	54,800	48,700	62,900	54,800	48,700	190
200	66.1	404.1	60,700	54,000	48,000	60,700	54,000	48,000	200
210	64.6	399.0	58,500	53,100	47,400	58,500	53,100	47,400	210
220	63.1	393.5	56,400	52,400	46,700	56,400	52,400	46,700	220
230	61.6	387.7	54,500	51,600	46,100	54,500	51,600	46,100	230
240	60.1	381.6	52,800	48,800	44,200	52,800	50,800	45,600	240
250	58.5	375.1	46,500	42,000	37,700	51,100	50,100	45,000	250
260	57.0	368.2	39,800	35,600	31,800	49,500	49,100	44,500	260
270	55.3	360.8	33,500	29,800	26,200	48,100	47,700	44,000	270
280	53.7	353.0	27,700	24,300	21,000	46,700	46,300	43,500	280
290	52.0	344.8	22,300	19,100	16,200	45,300	45,000	43,100	290
300	50.3	336.0	17,200	14,300	11,600	44,200	43,900	42,600	300
310	48.5	326.6	12,500	9,800	7,300	43,000	42,700	42,200	310
320	46.6	316.7	8,000			41,900	41,600	41,400	320
330	44.7	306.1				40,900	40,600	40,300	330
340	42.8	294.7				39,900	39,700	39,400	340
350	40.7	282.5				39,000	38,700	38,500	350
360	38.5	269.3				38,100	37,900	37,600	360
370	36.3	255.0				37,300	37,100	36,800	370
380	33.9	239.4				36,600	36,300	36,100	380
390	31.3	222.2				35,800	35,600	35,400	390
400	28.4	202.9				35,100	34,900	34,800	400
410	25.3	180.9				34,300	33,700	32,000	410
420	21.6	154.8				31,000	30,400	28,900	420

# MLC650 VPC-MAX S-2

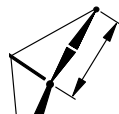


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90	82.8	438.2	67,700			67,700			90
95	82.1	437.2	67,100			67,100			95
100	81.5	436.1	65,600	57,400		65,600	57,400		100
105	80.8	435.0	64,200	56,900	50,300	64,200	56,900	50,300	105
110	80.1	433.8	62,900	56,500	49,900	62,900	56,500	49,900	110
115	79.4	432.5	61,600	56,100	49,600	61,600	56,100	49,600	115
120	78.8	431.2	60,400	55,700	49,300	60,400	55,700	49,300	120
130	77.4	428.3	58,100	54,800	48,700	58,100	54,800	48,700	130
140	76.0	425.2	56,000	54,100	48,100	56,000	54,100	48,100	140
150	74.6	421.8	54,000	53,300	47,500	54,000	53,300	47,500	150
160	73.2	418.2	52,100	51,800	46,900	52,100	51,800	46,900	160
170	71.8	414.2	50,400	50,000	46,400	50,400	50,000	46,400	170
180	70.4	410.0	48,800	48,500	45,900	48,800	48,500	45,900	180
190	69.0	405.5	47,400	47,000	45,300	47,400	47,000	45,300	190
200	67.5	400.6	45,900	45,700	44,900	45,900	45,700	44,900	200
210	66.0	395.5	44,700	44,400	44,000	44,700	44,400	44,000	210
220	64.5	390.0	43,400	43,100	42,800	43,400	43,100	42,800	220
230	63.0	384.1	42,200	42,000	41,700	42,200	42,000	41,700	230
240	61.5	377.9	41,200	40,900	40,600	41,200	40,900	40,600	240
250	59.9	371.3	40,100	39,900	39,600	40,100	39,900	39,600	250
260	58.3	364.4	39,100	39,000	35,400	39,100	39,000	38,700	260
270	56.7	356.9	37,200	33,300	29,600	38,200	38,000	37,800	270
280	55.0	349.1	31,100	27,600	24,200	37,300	37,200	37,000	280
290	53.3	340.7	25,500	22,200	19,200	36,500	36,400	36,200	290
300	51.5	331.8	20,200	17,200	14,400	35,800	35,600	35,400	300
310	49.7	322.3	15,200	12,500	9,900	35,000	34,900	34,800	310
320	47.8	312.2	10,500	8,000		34,400	34,200	34,000	320
330	45.9	301.4				33,700	33,500	33,400	330
340	43.9	289.9				33,100	33,000	32,800	340
350	41.8	277.4				32,600	32,400	32,300	350
360	39.6	264.0				32,000	31,900	31,800	360
370	37.3	249.4				31,600	31,400	31,300	370
380	34.8	233.4				31,100	31,000	30,900	380
390	32.1	215.7				30,700	30,600	30,500	390
400	29.2	195.7				30,400	30,300	30,200	400
410									410
420									420

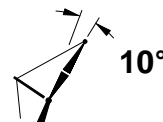
# MLC650 VPC-MAX S-2



380.6 ft



78.7 ft

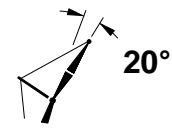
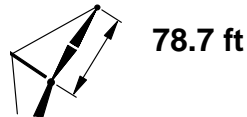
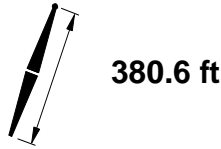
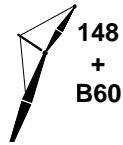


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.9	463.2	78,800			78,800			80
85	82.3	462.3	77,900			77,900			85
90	81.6	461.4	77,100	64,900		77,100	64,900		90
95	81.0	460.5	76,300	64,300		76,300	64,300		95
100	80.4	459.4	75,500	63,800	55,500	75,500	63,800	55,500	100
105	79.7	458.3	74,700	63,200	55,100	74,700	63,200	55,100	105
110	79.1	457.2	73,900	62,700	54,600	73,900	62,700	54,600	110
115	78.5	456.0	73,100	62,100	54,200	73,100	62,100	54,200	115
120	77.8	454.7	72,400	61,600	53,800	72,400	61,600	53,800	120
130	76.5	452.0	70,900	60,500	53,000	70,900	60,500	53,000	130
140	75.2	449.1	69,600	59,500	52,300	69,600	59,500	52,300	140
150	73.9	445.9	68,200	58,600	51,500	68,200	58,600	51,500	150
160	72.6	442.4	66,900	57,700	50,800	66,900	57,700	50,800	160
170	71.3	438.7	65,700	56,800	50,100	65,700	56,800	50,100	170
180	69.9	434.7	64,500	55,900	49,400	64,500	55,900	49,400	180
190	68.6	430.4	63,300	55,000	48,800	63,300	55,000	48,800	190
200	67.2	425.9	62,200	54,200	48,100	62,200	54,200	48,100	200
210	65.8	421.1	60,000	53,400	47,500	60,000	53,400	47,500	210
220	64.4	415.9	58,000	52,600	46,900	58,000	52,600	46,900	220
230	63.0	410.5	56,000	51,900	46,400	56,000	51,900	46,400	230
240	61.5	404.7	53,200	47,900	43,000	54,200	51,200	45,800	240
250	60.1	398.5	45,900	41,100	36,600	52,500	50,500	45,300	250
260	58.6	392.0	39,100	34,800	30,600	50,900	49,900	44,700	260
270	57.1	385.2	32,900	28,900	25,100	49,500	49,100	44,300	270
280	55.5	377.9	27,100	23,400	20,000	48,100	47,700	43,800	280
290	53.9	370.2	21,700	18,300	15,200	46,700	46,300	43,400	290
300	52.3	362.1	16,600	13,600	10,600	45,500	45,100	42,900	300
310	50.7	353.4	11,900	9,100		44,300	44,000	42,500	310
320	49.0	344.3	7,500			43,200	42,900	42,100	320
330	47.3	334.5				42,100	41,900	41,500	330
340	45.5	324.2				41,200	40,900	40,600	340
350	43.6	313.2				40,200	40,000	39,700	350
360	41.7	301.4				39,300	39,100	38,800	360
370	39.7	288.8				38,500	38,200	38,000	370
380	37.6	275.2				37,700	37,500	37,200	380
390	35.3	260.4				36,900	36,700	36,500	390
400	33.0	244.3				36,200	36,000	34,500	400
410	30.4	226.5				34,000	33,300	31,300	410
420	27.6	206.7				30,700	30,100	28,300	420
430	24.6	184.0				27,600	27,100	25,500	430
440	21.0	157.2				24,600	24,100	22,700	440

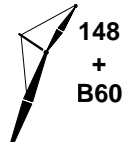


# MLC650 VPC-MAX S-2

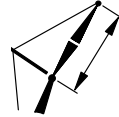


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95	82.5	457.3	67,000			67,000			95
100	81.8	456.2	66,300	57,100		66,300	57,100		100
105	81.2	455.1	64,900	56,700		64,900	56,700		105
110	80.6	454.0	63,600	56,300	49,700	63,600	56,300	49,700	110
115	79.9	452.8	62,400	55,900	49,400	62,400	55,900	49,400	115
120	79.3	451.5	61,200	55,500	49,000	61,200	55,500	49,000	120
130	78.0	448.8	58,900	54,800	48,500	58,900	54,800	48,500	130
140	76.6	445.8	56,800	54,100	47,900	56,800	54,100	47,900	140
150	75.3	442.6	54,900	53,300	47,400	54,900	53,300	47,400	150
160	74.0	439.1	53,000	52,600	46,800	53,000	52,600	46,800	160
170	72.7	435.3	51,400	50,900	46,300	51,400	50,900	46,300	170
180	71.3	431.3	49,700	49,400	45,800	49,700	49,400	45,800	180
190	69.9	427.0	48,200	47,900	45,300	48,200	47,900	45,300	190
200	68.6	422.5	46,900	46,600	44,900	46,900	46,600	44,900	200
210	67.2	417.6	45,500	45,200	44,400	45,500	45,200	44,400	210
220	65.7	412.4	44,300	44,000	43,700	44,300	44,000	43,700	220
230	64.3	406.9	43,200	42,800	42,600	43,200	42,800	42,600	230
240	62.9	401.0	42,000	41,800	41,600	42,000	41,800	41,600	240
250	61.4	394.8	41,000	40,700	40,600	41,000	40,700	40,600	250
260	59.9	388.3	40,000	38,700	34,500	40,000	39,800	39,600	260
270	58.3	381.3	36,700	32,600	28,700	39,100	38,800	38,700	270
280	56.8	374.0	30,700	26,900	23,300	38,200	38,000	37,800	280
290	55.2	366.2	25,000	21,600	18,300	37,400	37,200	37,000	290
300	53.6	358.0	19,800	16,600	13,600	36,600	36,400	36,300	300
310	51.9	349.2	14,800	11,900	9,100	35,800	35,700	35,500	310
320	50.2	340.0	10,200	7,500		35,200	35,000	34,800	320
330	48.4	330.1				34,500	34,300	34,200	330
340	46.6	319.6				33,900	33,800	33,600	340
350	44.7	308.4				33,300	33,100	33,000	350
360	42.7	296.5				32,800	32,600	32,500	360
370	40.7	283.6				32,200	32,100	32,000	370
380	38.6	269.7				31,800	31,600	31,500	380
390	36.3	254.6				31,300	31,200	31,100	390
400	33.9	238.1				30,900	30,900	30,700	400
410	31.2	219.8				30,600	30,500	30,400	410
420	28.4	199.3				30,400	30,200	28,900	420
430									430
440									440

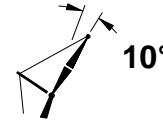
# MLC650 VPC-MAX S-2



400.3 ft



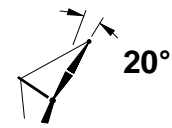
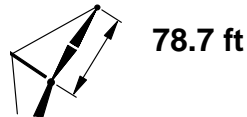
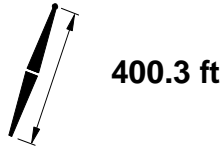
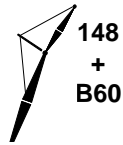
78.7 ft



10°

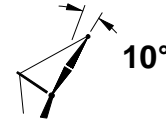
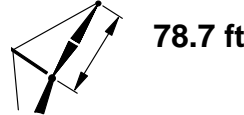
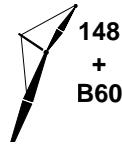
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.6	482.3	77,600			77,600			85
90	82.0	481.4	76,800	64,400		76,800	64,400		90
95	81.4	480.5	76,000	63,900		76,000	63,900		95
100	80.8	479.5	75,300	63,300	54,900	75,300	63,300	54,900	100
105	80.2	478.5	74,600	62,800	54,600	74,600	62,800	54,600	105
110	79.6	477.4	73,800	62,300	54,100	73,800	62,300	54,100	110
115	78.9	476.2	73,100	61,800	53,800	73,100	61,800	53,800	115
120	78.3	475.0	72,400	61,300	53,400	72,400	61,300	53,400	120
130	77.1	472.4	71,000	60,400	52,700	71,000	60,400	52,700	130
140	75.8	469.6	69,700	59,400	51,900	69,700	59,400	51,900	140
150	74.6	466.6	68,400	58,500	51,300	68,400	58,500	51,300	150
160	73.3	463.3	67,200	57,600	50,600	67,200	57,600	50,600	160
170	72.1	459.7	66,000	56,800	49,900	66,000	56,800	49,900	170
180	70.8	455.9	64,800	55,900	49,300	64,800	55,900	49,300	180
190	69.5	451.9	63,700	55,100	48,700	63,700	55,100	48,700	190
200	68.2	447.5	62,700	54,300	48,100	62,700	54,300	48,100	200
210	66.9	442.9	61,600	53,600	47,500	61,600	53,600	47,500	210
220	65.5	438.0	59,600	52,900	46,900	59,600	52,900	46,900	220
230	64.2	432.9	56,100	50,000	44,300	57,600	52,200	46,400	230
240	62.8	427.4	48,200	42,600	37,400	55,800	51,500	45,900	240
250	61.4	421.6	40,900	35,800	31,000	54,100	50,800	45,400	250
260	60.0	415.5	34,100	29,500	25,100	52,500	50,200	44,900	260
270	58.6	409.0	27,900	23,600	19,600	51,000	49,600	44,400	270
280	57.2	402.2	22,000	18,100	14,500	49,500	49,000	43,900	280
290	55.7	395.0	16,600	13,000	9,700	48,200	47,800	43,500	290
300	54.2	387.4	11,600	8,300		47,000	46,600	43,100	300
310	52.7	379.3	6,800			45,800	45,400	42,700	310
320	51.1	370.8				44,600	44,300	42,300	320
330	49.5	361.8				43,500	43,200	42,000	330
340	47.8	352.3				42,500	42,100	41,700	340
350	46.1	342.2				41,500	41,200	40,900	350
360	44.4	331.5				40,600	40,300	40,100	360
370	42.6	320.1				39,700	39,400	39,200	370
380	40.7	307.9				38,900	38,600	37,000	380
390	38.7	294.9				36,900	36,100	33,600	390
400	36.6	280.8				33,400	32,600	30,300	400
410	34.5	265.6				30,100	29,300	27,200	410
420	32.1	249.1				26,900	26,200	24,200	420
430	29.6	230.8				23,800	23,200	21,300	430
440	26.9	210.3				20,900	20,300	18,600	440
450	23.9	187.0				18,000	17,500	15,900	450
460	20.4	159.4				15,200	14,700	13,400	460

# MLC650 VPC-MAX S-2



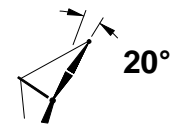
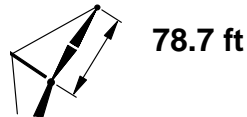
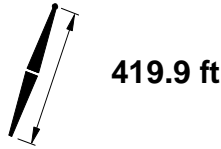
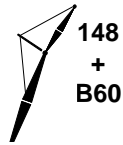
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95	82.8	477.3	66,800			66,800			95
100	82.2	476.3	66,200			66,200			100
105	81.6	475.3	65,700	56,400		65,700	56,400		105
110	81.0	474.2	64,400	56,000	49,300	64,400	56,000	49,300	110
115	80.3	473.0	63,100	55,600	49,000	63,100	55,600	49,000	115
120	79.7	471.8	62,000	55,300	48,700	62,000	55,300	48,700	120
130	78.5	469.2	59,800	54,500	48,200	59,800	54,500	48,200	130
140	77.2	466.3	57,700	53,900	47,600	57,700	53,900	47,600	140
150	76.0	463.2	55,700	53,200	47,100	55,700	53,200	47,100	150
160	74.7	459.9	53,900	52,500	46,600	53,900	52,500	46,600	160
170	73.4	456.4	52,300	51,800	46,200	52,300	51,800	46,200	170
180	72.1	452.5	50,700	50,300	45,700	50,700	50,300	45,700	180
190	70.8	448.4	49,100	48,900	45,200	49,100	48,900	45,200	190
200	69.5	444.1	47,800	47,500	44,800	47,800	47,500	44,800	200
210	68.2	439.4	46,400	46,200	44,300	46,400	46,200	44,300	210
220	66.8	434.5	45,300	44,900	44,000	45,300	44,900	44,000	220
230	65.5	429.3	44,100	43,800	43,500	44,100	43,800	43,500	230
240	64.1	423.8	43,000	42,700	42,000	43,000	42,700	42,500	240
250	62.7	417.9	42,000	40,300	35,400	42,000	41,700	41,500	250
260	61.3	411.8	38,500	33,700	29,200	40,900	40,700	40,500	260
270	59.9	405.2	32,000	27,600	23,400	40,000	39,800	39,600	270
280	58.4	398.3	25,900	21,900	18,100	39,100	38,900	38,800	280
290	56.9	391.1	20,200	16,500	13,000	38,200	38,100	37,900	290
300	55.4	383.4	15,000	11,600	8,300	37,500	37,300	37,100	300
310	53.8	375.2	10,000	6,900		36,800	36,500	36,400	310
320	52.2	366.6				36,000	35,900	35,700	320
330	50.6	357.5				35,400	35,200	35,000	330
340	48.9	347.9				34,700	34,500	34,400	340
350	47.2	337.7				34,100	33,900	33,800	350
360	45.4	326.8				33,500	33,400	33,300	360
370	43.6	315.2				33,000	32,800	32,700	370
380	41.7	302.9				32,500	32,400	32,200	380
390	39.7	289.6				32,100	31,900	31,800	390
400	37.6	275.2				31,600	31,400	31,300	400
410	35.3	259.7				31,000	30,300	28,100	410
420	33.0	242.7				27,700	27,000	25,000	420
430	30.4	223.8				24,500	23,800	22,000	430
440	27.6	202.7				21,400	20,800	19,100	440
450									450
460									460

# MLC650 VPC-MAX S-2



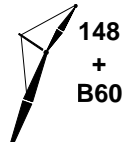
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
85	82.9	502.2	77,000			77,000			85
90	82.3	501.4	76,300			76,300			90
95	81.7	500.5	75,500	63,200		75,500	63,200		95
100	81.1	499.6	74,800	62,700		74,800	62,700		100
105	80.6	498.6	74,200	62,200	53,900	74,200	62,200	53,900	105
110	80.0	497.5	73,500	61,700	53,500	73,500	61,700	53,500	110
115	79.4	496.4	72,800	61,300	53,200	72,800	61,300	53,200	115
120	78.8	495.3	72,200	60,800	52,800	72,200	60,800	52,800	120
130	77.6	492.8	70,900	60,000	52,200	70,900	60,000	52,200	130
140	76.4	490.1	69,600	59,100	51,500	69,600	59,100	51,500	140
150	75.2	487.1	68,400	58,200	50,900	68,400	58,200	50,900	150
160	74.0	484.0	67,300	57,400	50,200	67,300	57,400	50,200	160
170	72.8	480.6	66,100	56,600	49,600	66,100	56,600	49,600	170
180	71.6	477.0	65,100	55,800	49,100	65,100	55,800	49,100	180
190	70.4	473.1	64,000	55,000	48,500	64,000	55,000	48,500	190
200	69.1	469.0	63,000	54,300	47,900	63,000	54,300	47,900	200
210	67.9	464.6	62,000	53,600	47,400	62,000	53,600	47,400	210
220	66.6	460.0	61,000	52,900	46,800	61,000	52,900	46,800	220
230	65.3	455.0	55,200	48,700	42,800	59,200	52,200	46,300	230
240	64.0	449.8	47,200	41,300	35,900	57,400	51,600	45,800	240
250	62.7	444.3	39,900	34,500	29,500	55,600	51,000	45,300	250
260	61.4	438.5	33,100	28,200	23,700	54,000	50,400	44,900	260
270	60.0	432.4	26,900	22,400	18,200	52,500	49,800	44,500	270
280	58.7	426.0	21,000	16,900	13,000	51,000	49,200	44,000	280
290	57.3	419.2	15,600	11,800	8,300	49,700	48,700	43,600	290
300	55.9	412.0	10,600	7,100		48,400	47,900	43,200	300
310	54.4	404.5				47,100	46,700	42,800	310
320	52.9	396.6				45,900	45,600	42,500	320
330	51.4	388.2				44,800	44,500	42,200	330
340	49.9	379.4				43,800	43,500	41,800	340
350	48.3	370.0				42,800	42,500	41,500	350
360	46.7	360.2				41,800	41,600	41,200	360
370	45.1	349.7				40,900	40,600	39,500	370
380	43.3	338.6				39,700	38,800	35,900	380
390	41.6	326.9				36,000	35,200	32,500	390
400	39.7	314.3				32,500	31,700	29,200	400
410	37.8	300.8				29,200	28,500	26,100	410
420	35.8	286.4				26,100	25,300	23,100	420
430	33.6	270.7				23,000	22,300	20,300	430
440	31.4	253.7				20,100	19,500	17,600	440
450	28.9	234.9				17,300	16,700	15,000	450
460	26.2	213.8				14,600	14,000	12,500	460
470	23.3	189.8				11,500	11,500	10,000	470
480	19.8	161.4				8,200	9,000	7,700	480

# MLC650 VPC-MAX S-2

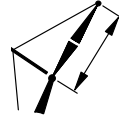


ft	ft	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100	82.5	496.3	65,900			65,900			100
105	81.9	495.3	65,400	55,900		65,400	55,900		105
110	81.3	494.3	64,900	55,500		64,900	55,500		110
115	80.7	493.2	63,800	55,200	48,400	63,800	55,200	48,400	115
120	80.1	492.0	62,700	54,800	48,200	62,700	54,800	48,200	120
130	78.9	489.5	60,500	54,200	47,700	60,500	54,200	47,700	130
140	77.7	486.8	58,500	53,600	47,200	58,500	53,600	47,200	140
150	76.5	483.8	56,600	53,000	46,800	56,600	53,000	46,800	150
160	75.3	480.7	54,800	52,300	46,300	54,800	52,300	46,300	160
170	74.1	477.2	53,100	51,800	45,800	53,100	51,800	45,800	170
180	72.9	473.6	51,500	51,200	45,500	51,500	51,200	45,500	180
190	71.6	469.7	50,100	49,700	45,000	50,100	49,700	45,000	190
200	70.4	465.5	48,700	48,300	44,600	48,700	48,300	44,600	200
210	69.1	461.1	47,400	47,000	44,300	47,400	47,000	44,300	210
220	67.8	456.4	46,100	45,800	43,800	46,100	45,800	43,800	220
230	66.5	451.5	45,000	44,700	43,500	45,000	44,700	43,500	230
240	65.2	446.2	43,800	43,600	40,600	43,800	43,600	43,200	240
250	63.9	440.7	42,800	39,200	34,000	42,800	42,600	42,300	250
260	62.6	434.8	37,600	32,600	27,900	41,800	41,600	41,300	260
270	61.2	428.7	31,100	26,500	22,100	40,900	40,700	40,500	270
280	59.8	422.2	25,000	20,800	16,800	40,000	39,800	39,600	280
290	58.4	415.3	19,400	15,500	11,800	39,200	38,900	38,700	290
300	57.0	408.1	14,100	10,500	7,100	38,300	38,200	38,000	300
310	55.6	400.5	9,200			37,600	37,400	37,200	310
320	54.1	392.5				36,800	36,700	36,500	320
330	52.6	384.0				36,200	36,000	35,800	330
340	51.0	375.1				35,500	35,300	35,200	340
350	49.4	365.6				34,900	34,700	34,600	350
360	47.8	355.6				34,300	34,200	34,000	360
370	46.1	345.1				33,800	33,600	33,400	370
380	44.4	333.8				33,200	33,100	32,900	380
390	42.5	321.8				32,700	32,600	32,500	390
400	40.7	309.1				32,200	32,100	30,400	400
410	38.7	295.4				30,400	29,600	27,200	410
420	36.6	280.6				27,100	26,300	24,100	420
430	34.5	264.6				23,900	23,200	21,200	430
440	32.1	247.1				20,900	20,200	18,300	440
450	29.6	227.7				17,900	17,300	15,600	450
460									460
470									470
480									480

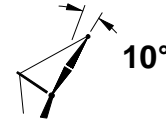
# MLC650 VPC-MAX S-2



144.4 ft



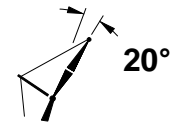
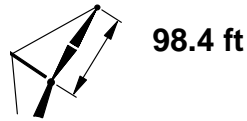
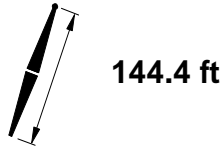
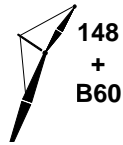
98.4 ft



10°

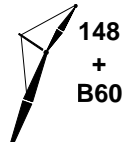
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55	82.9	248.2	66,200b			66,200b			55
60	81.6	247.1	64,600b			64,600b			60
65	80.4	245.9	63,100b			63,100b			65
70	79.2	244.5	61,400			61,400			70
75	78.0	243.1	59,900			59,900			75
80	76.8	241.5	58,500			58,500			80
85	75.5	239.9	56,900			56,900			85
90	74.3	238.0	55,300			55,300			90
95	73.0	236.1	53,800			53,800			95
100	71.7	234.1	52,400			52,400			100
105	70.4	231.9	51,000			51,000			105
110	69.1	229.6	49,700			49,700			110
115	67.8	227.1	48,400			48,400			115
120	66.5	224.5	47,200			47,200			120
130	63.8	218.8	45,000			45,000			130
140	61.0	212.5	42,900			42,900			140
150	58.1	205.4	40,500			40,500			150
160	55.1	197.6	38,000			38,000			160
170	52.0	188.8	35,800			35,800			170
180	48.7	179.1	33,800			33,800			180
190	45.2	168.0	32,000			32,000			190
200	41.4	155.5	30,400			30,400			200
210	37.3	141.0	28,900			28,900			210
220	32.6	123.8	27,600			27,600			220
230	27.0	102.5	26,500			26,500			230
240	19.6	72.7	25,500			25,500			240

# MLC650 VPC-MAX S-2

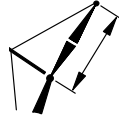


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
55									55
60									60
65									65
70	82.8	242.0	54,100b			54,100b			70
75	81.5	240.5	52,700b	46,600b		52,700b	46,600b		75
80	80.3	238.9	51,300	45,700	40,400b	51,300	45,700	40,400b	80
85	79.0	237.2	50,100	44,800	39,800	50,100	44,800	39,800	85
90	77.8	235.4	48,300	43,900	39,200	48,300	43,900	39,200	90
95	76.5	233.4	46,400	43,000	38,600	46,400	43,000	38,600	95
100	75.2	231.4	44,700	42,100	38,000	44,700	42,100	38,000	100
105	73.9	229.1	43,000	41,200	37,400	43,000	41,200	37,400	105
110	72.6	226.8	41,500	40,400	36,800	41,500	40,400	36,800	110
115	71.3	224.3	40,100	39,600	36,300	40,100	39,600	36,300	115
120	69.9	221.7	38,800	38,400	35,700	38,800	38,400	35,700	120
130	67.2	215.9	36,300	36,100	34,400	36,300	36,100	34,400	130
140	64.3	209.5	34,200	33,900	33,300	34,200	33,900	33,300	140
150	61.4	202.3	32,300	32,100	31,800	32,300	32,100	31,800	150
160	58.4	194.3	30,600	30,400	30,200	30,600	30,400	30,200	160
170	55.2	185.4	29,100	28,900	28,700	29,100	28,900	28,700	170
180	51.8	175.5	27,700	27,500	27,300	27,700	27,500	27,300	180
190	48.2	164.2	26,400	26,300	26,100	26,400	26,300	26,100	190
200	44.3	151.3	25,300	25,200	25,100	25,300	25,200	25,100	200
210	40.1	136.3	24,300	24,200	24,100	24,300	24,200	24,100	210
220	35.2	118.4	23,500	23,300	23,300	23,500	23,300	23,300	220
230	29.3	95.7	22,800	22,700	22,600	22,800	22,700	22,600	230
240									240

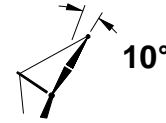
# MLC650 VPC-MAX S-2



164.0 ft



98.4 ft

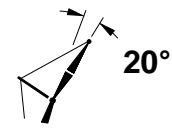
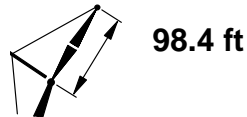
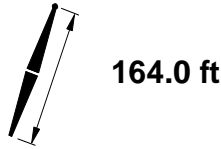
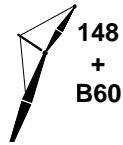


10°

ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
60	82.3	267.2	65,200			65,200			60
65	81.2	266.1	63,800	53,900		63,800	53,900		65
70	80.0	264.8	62,400	52,800	45,900	62,400	52,800	45,900	70
75	78.9	263.5	60,900	51,800	45,200	60,900	51,800	45,200	75
80	77.8	262.1	59,600	50,900	44,400	59,600	50,900	44,400	80
85	76.6	260.5	58,200	50,000	43,700	58,200	50,000	43,700	85
90	75.5	258.9	56,700	49,100	43,000	56,700	49,100	43,000	90
95	74.3	257.1	55,300	48,100	42,300	55,300	48,100	42,300	95
100	73.2	255.2	53,900	47,300	41,600	53,900	47,300	41,600	100
105	72.0	253.2	52,500	46,400	41,000	52,500	46,400	41,000	105
110	70.8	251.1	51,300	45,600	40,400	51,300	45,600	40,400	110
115	69.6	248.9	50,100	44,800	39,800	50,100	44,800	39,800	115
120	68.4	246.5	48,900	44,000	39,200	48,900	44,000	39,200	120
130	66.0	241.4	46,700	42,200	38,000	46,700	42,200	38,000	130
140	63.5	235.7	44,700	40,500	36,800	44,700	40,500	36,800	140
150	60.9	229.4	42,700	38,900	35,700	42,700	38,900	35,700	150
160	58.2	222.4	40,600	37,500	34,500	40,600	37,500	34,500	160
170	55.5	214.8	38,300	36,200	33,400	38,300	36,200	33,400	170
180	52.6	206.3	36,200	34,900	32,300	36,200	34,900	32,300	180
190	49.6	196.9	34,300	33,800	31,300	34,300	33,800	31,300	190
200	46.5	186.4	32,600	32,300	30,400	32,600	32,300	30,400	200
210	43.1	174.6	31,100	30,800	29,500	31,100	30,800	29,500	210
220	39.5	161.3	29,700	29,400	28,700	29,700	29,400	28,700	220
230	35.5	146.0	28,400	28,200	28,000	28,400	28,200	28,000	230
240	31.0	127.8	27,300	27,100	26,900	27,300	27,100	26,900	240
250	25.6	105.3	26,200	26,100	25,900	26,200	26,100	25,900	250
260	18.4	73.8	25,400	25,200	25,000	25,400	25,200	25,000	260

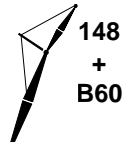


# MLC650 VPC-MAX S-2

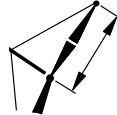


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70									70
75	82.2	260.8	53,300			53,300			75
80	81.1	259.3	52,100	46,100		52,100	46,100		80
85	79.9	257.8	50,900	45,300	40,100	50,900	45,300	40,100	85
90	78.8	256.1	49,700	44,600	39,600	49,700	44,600	39,600	90
95	77.6	254.3	47,900	43,700	39,000	47,900	43,700	39,000	95
100	76.4	252.4	46,200	42,800	38,400	46,200	42,800	38,400	100
105	75.2	250.4	44,600	42,000	37,900	44,600	42,000	37,900	105
110	74.0	248.3	43,100	41,200	37,400	43,100	41,200	37,400	110
115	72.8	246.0	41,700	40,500	36,800	41,700	40,500	36,800	115
120	71.6	243.6	40,400	39,700	36,300	40,400	39,700	36,300	120
130	69.1	238.4	38,000	37,700	35,200	38,000	37,700	35,200	130
140	66.6	232.6	35,800	35,600	34,100	35,800	35,600	34,100	140
150	63.9	226.2	33,900	33,700	33,000	33,900	33,700	33,000	150
160	61.3	219.2	32,200	31,900	31,700	32,200	31,900	31,700	160
170	58.5	211.4	30,600	30,400	30,200	30,600	30,400	30,200	170
180	55.5	202.7	29,200	29,000	28,800	29,200	29,000	28,800	180
190	52.5	193.2	27,900	27,800	27,600	27,900	27,800	27,600	190
200	49.3	182.5	26,800	26,600	26,500	26,800	26,600	26,500	200
210	45.8	170.4	25,700	25,600	25,500	25,700	25,600	25,500	210
220	42.1	156.7	24,800	24,600	24,500	24,800	24,600	24,500	220
230	38.0	140.8	24,000	23,800	23,700	24,000	23,800	23,700	230
240	33.2	121.9	23,200	23,100	23,000	23,200	23,100	23,000	240
250	27.5	97.8	22,700	22,500	22,400	22,700	22,500	22,400	250
260									260

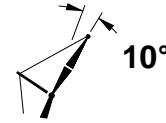
# MLC650 VPC-MAX S-2



183.7 ft



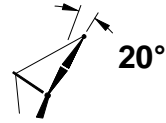
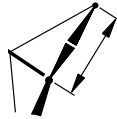
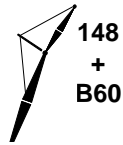
98.4 ft



10°

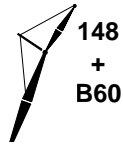
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
60	82.8	287.2	65,800			65,800			60
65	81.8	286.2	64,400	54,300		64,400	54,300		65
70	80.8	285.1	63,200	53,300	46,400	63,200	53,300	46,400	70
75	79.7	283.8	61,900	52,400	45,600	61,900	52,400	45,600	75
80	78.7	282.5	60,600	51,500	44,800	60,600	51,500	44,800	80
85	77.6	281.1	59,300	50,600	44,200	59,300	50,600	44,200	85
90	76.5	279.6	57,900	49,800	43,500	57,900	49,800	43,500	90
95	75.5	277.9	56,600	48,900	42,900	56,600	48,900	42,900	95
100	74.4	276.2	55,200	48,100	42,300	55,200	48,100	42,300	100
105	73.3	274.3	54,000	47,300	41,700	54,000	47,300	41,700	105
110	72.2	272.4	52,800	46,600	41,000	52,800	46,600	41,000	110
115	71.1	270.3	51,600	45,800	40,500	51,600	45,800	40,500	115
120	70.0	268.2	50,400	44,900	39,900	50,400	44,900	39,900	120
130	67.8	263.5	48,300	43,400	38,700	48,300	43,400	38,700	130
140	65.5	258.3	46,300	41,800	37,700	46,300	41,800	37,700	140
150	63.2	252.6	44,500	40,300	36,600	44,500	40,300	36,600	150
160	60.8	246.3	42,700	38,800	35,600	42,700	38,800	35,600	160
170	58.3	239.4	40,700	37,500	34,500	40,700	37,500	34,500	170
180	55.8	231.9	38,500	36,300	33,400	38,500	36,300	33,400	180
190	53.1	223.6	36,600	35,100	32,400	36,600	35,100	32,400	190
200	50.4	214.5	34,800	34,000	31,500	34,800	34,000	31,500	200
210	47.5	204.5	33,200	32,800	30,600	33,200	32,800	30,600	210
220	44.5	193.4	31,700	31,400	29,800	31,700	31,400	29,800	220
230	41.3	180.9	30,300	30,100	29,000	30,300	30,100	29,000	230
240	37.8	166.9	29,100	28,900	28,400	29,100	28,900	28,400	240
250	33.9	150.7	27,900	27,700	27,500	27,900	27,700	27,500	250
260	29.5	131.6	27,000	26,700	26,600	27,000	26,700	26,600	260
270	24.3	107.9	26,100	25,900	25,700	26,100	25,900	25,700	270
280	17.2	74.6	25,300	25,100	24,900	25,300	25,100	24,900	280

# MLC650 VPC-MAX S-2

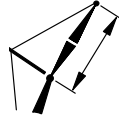


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
60									60
65									65
70									70
75	82.8	281.0	53,900			53,900			75
80	81.7	279.7	52,700	46,500		52,700	46,500		80
85	80.7	278.2	51,500	45,700	40,400	51,500	45,700	40,400	85
90	79.6	276.7	50,500	45,000	39,900	50,500	45,000	39,900	90
95	78.5	275.0	49,300	44,300	39,400	49,300	44,300	39,400	95
100	77.4	273.3	47,700	43,500	38,900	47,700	43,500	38,900	100
105	76.3	271.4	46,100	42,700	38,300	46,100	42,700	38,300	105
110	75.2	269.4	44,600	42,000	37,800	44,600	42,000	37,800	110
115	74.1	267.4	43,300	41,200	37,300	43,300	41,200	37,300	115
120	73.0	265.2	41,900	40,500	36,800	41,900	40,500	36,800	120
130	70.7	260.4	39,500	39,100	35,800	39,500	39,100	35,800	130
140	68.4	255.2	37,400	37,100	34,900	37,400	37,100	34,900	140
150	66.0	249.4	35,400	35,200	33,800	35,400	35,200	33,800	150
160	63.6	243.0	33,700	33,500	32,900	33,700	33,500	32,900	160
170	61.1	236.0	32,100	31,900	31,700	32,100	31,900	31,700	170
180	58.5	228.4	30,600	30,500	30,300	30,600	30,500	30,300	180
190	55.9	220.0	29,300	29,100	29,000	29,300	29,100	29,000	190
200	53.1	210.7	28,200	28,000	27,800	28,200	28,000	27,800	200
210	50.1	200.5	27,000	26,900	26,800	27,000	26,900	26,800	210
220	47.0	189.1	26,100	25,900	25,800	26,100	25,900	25,800	220
230	43.7	176.4	25,100	25,000	24,900	25,100	25,000	24,900	230
240	40.1	161.9	24,400	24,200	24,100	24,400	24,200	24,100	240
250	36.1	145.1	23,600	23,500	23,400	23,600	23,500	23,400	250
260	31.5	125.1	23,000	22,900	22,800	23,000	22,900	22,800	260
270	25.9	99.7	22,500	22,400	22,300	22,500	22,400	22,300	270
280									280

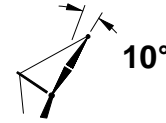
# MLC650 VPC-MAX S-2



203.4 ft



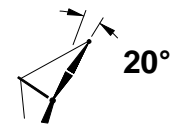
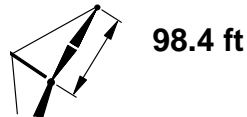
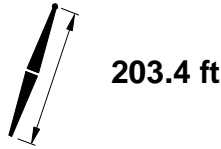
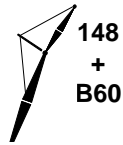
98.4 ft



10°

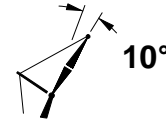
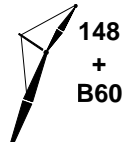
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	82.3	306.3	64,900			64,900			65
70	81.4	305.2	63,700	53,700		63,700	53,700		70
75	80.4	304.1	62,500	52,800	45,900	62,500	52,800	45,900	75
80	79.4	302.8	61,300	51,900	45,200	61,300	51,900	45,200	80
85	78.4	301.5	60,100	51,100	44,600	60,100	51,100	44,600	85
90	77.5	300.1	58,900	50,300	43,900	58,900	50,300	43,900	90
95	76.5	298.6	57,700	49,500	43,300	57,700	49,500	43,300	95
100	75.5	297.0	56,400	48,800	42,700	56,400	48,800	42,700	100
105	74.5	295.3	55,200	48,000	42,100	55,200	48,000	42,100	105
110	73.5	293.4	54,000	47,300	41,500	54,000	47,300	41,500	110
115	72.4	291.5	52,900	46,600	41,000	52,900	46,600	41,000	115
120	71.4	289.5	51,800	45,800	40,400	51,800	45,800	40,400	120
130	69.4	285.2	49,700	44,400	39,400	49,700	44,400	39,400	130
140	67.3	280.4	47,700	42,900	38,400	47,700	42,900	38,400	140
150	65.1	275.2	45,900	41,400	37,400	45,900	41,400	37,400	150
160	62.9	269.5	44,200	40,100	36,400	44,200	40,100	36,400	160
170	60.7	263.2	42,600	38,700	35,500	42,600	38,700	35,500	170
180	58.4	256.4	40,700	37,500	34,500	40,700	37,500	34,500	180
190	56.0	249.0	38,700	36,400	33,500	38,700	36,400	33,500	190
200	53.6	240.9	36,900	35,300	32,500	36,900	35,300	32,500	200
210	51.1	232.1	35,200	34,200	31,600	35,200	34,200	31,600	210
220	48.4	222.4	33,600	33,300	30,800	33,600	33,300	30,800	220
230	45.7	211.8	32,200	31,900	30,100	32,200	31,900	30,100	230
240	42.7	200.0	30,900	30,700	29,400	30,900	30,700	29,400	240
250	39.6	186.9	29,700	29,500	28,700	29,700	29,500	28,700	250
260	36.2	172.1	28,600	28,400	28,100	28,600	28,400	28,100	260
270	32.5	155.2	27,600	27,400	27,200	27,600	27,400	27,200	270
280	28.2	135.2	26,700	26,500	26,300	26,700	26,500	26,300	280
290	23.2	110.3	25,900	25,700	25,500	25,900	25,700	25,500	290

# MLC650 VPC-MAX S-2



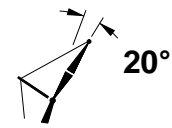
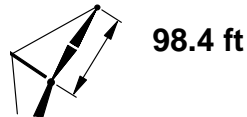
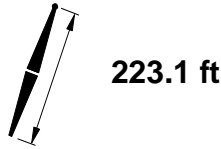
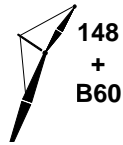
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75									75
80	82.3	299.9	53,200			53,200			80
85	81.3	298.5	52,200	46,000		52,200	46,000		85
90	80.3	297.1	51,100	45,400	40,100	51,100	45,400	40,100	90
95	79.3	295.6	50,100	44,700	39,600	50,100	44,700	39,600	95
100	78.3	294.0	49,000	44,000	39,100	49,000	44,000	39,100	100
105	77.3	292.2	47,400	43,300	38,600	47,400	43,300	38,600	105
110	76.3	290.4	46,000	42,600	38,200	46,000	42,600	38,200	110
115	75.2	288.5	44,600	41,900	37,700	44,600	41,900	37,700	115
120	74.2	286.5	43,300	41,300	37,200	43,300	41,300	37,200	120
130	72.1	282.1	40,900	40,000	36,400	40,900	40,000	36,400	130
140	70.0	277.3	38,800	38,500	35,500	38,800	38,500	35,500	140
150	67.8	272.0	36,900	36,500	34,500	36,900	36,500	34,500	150
160	65.6	266.2	35,100	34,800	33,600	35,100	34,800	33,600	160
170	63.3	259.8	33,500	33,300	32,800	33,500	33,300	32,800	170
180	61.0	252.9	32,000	31,800	31,600	32,000	31,800	31,600	180
190	58.6	245.4	30,700	30,500	30,300	30,700	30,500	30,300	190
200	56.1	237.2	29,500	29,300	29,100	29,500	29,300	29,100	200
210	53.6	228.2	28,400	28,200	28,000	28,400	28,200	28,000	210
220	50.9	218.3	27,300	27,200	27,000	27,300	27,200	27,000	220
230	48.0	207.5	26,400	26,200	26,100	26,400	26,200	26,100	230
240	45.0	195.4	25,500	25,400	25,200	25,500	25,400	25,200	240
250	41.8	182.0	24,700	24,600	24,500	24,700	24,600	24,500	250
260	38.3	166.8	24,000	23,900	23,800	24,000	23,900	23,800	260
270	34.5	149.2	23,400	23,300	23,100	23,400	23,300	23,100	270
280	30.0	128.2	22,800	22,700	22,600	22,800	22,700	22,600	280
290									290

# MLC650 VPC-MAX S-2



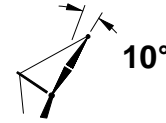
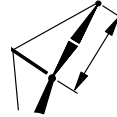
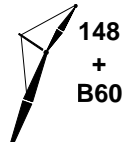
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
65	82.8	326.3	65,300			65,300			65
70	81.9	325.3	64,100	53,900		64,100	53,900		70
75	81.0	324.2	62,900	53,000		62,900	53,000		75
80	80.1	323.1	61,800	52,200	45,400	61,800	52,200	45,400	80
85	79.2	321.8	60,700	51,500	44,700	60,700	51,500	44,700	85
90	78.2	320.5	59,600	50,700	44,200	59,600	50,700	44,200	90
95	77.3	319.1	58,500	50,000	43,600	58,500	50,000	43,600	95
100	76.4	317.6	57,500	49,300	43,000	57,500	49,300	43,000	100
105	75.5	316.0	56,300	48,500	42,500	56,300	48,500	42,500	105
110	74.5	314.3	55,200	47,800	41,900	55,200	47,800	41,900	110
115	73.6	312.5	54,100	47,100	41,400	54,100	47,100	41,400	115
120	72.6	310.7	53,000	46,500	40,900	53,000	46,500	40,900	120
130	70.7	306.7	51,000	45,100	39,900	51,000	45,100	39,900	130
140	68.8	302.2	49,000	43,800	39,000	49,000	43,800	39,000	140
150	66.8	297.4	47,200	42,500	38,000	47,200	42,500	38,000	150
160	64.8	292.1	45,600	41,100	37,100	45,600	41,100	37,100	160
170	62.7	286.4	44,000	39,900	36,200	44,000	39,900	36,200	170
180	60.6	280.2	42,400	38,700	35,400	42,400	38,700	35,400	180
190	58.5	273.4	40,800	37,500	34,500	40,800	37,500	34,500	190
200	56.3	266.1	38,900	36,400	33,500	38,900	36,400	33,500	200
210	54.0	258.2	37,100	35,400	32,600	37,100	35,400	32,600	210
220	51.6	249.5	35,500	34,400	31,800	35,500	34,400	31,800	220
230	49.2	240.2	34,100	33,500	31,000	34,100	33,500	31,000	230
240	46.6	229.9	32,700	32,400	30,300	32,700	32,400	30,300	240
250	44.0	218.7	31,400	31,200	29,600	31,400	31,200	29,600	250
260	41.1	206.4	30,300	30,000	29,000	30,300	30,000	29,000	260
270	38.1	192.6	29,200	29,000	28,300	29,200	29,000	28,300	270
280	34.8	177.2	28,200	28,000	27,800	28,200	28,000	27,800	280
290	31.2	159.5	27,300	27,100	26,900	27,300	27,100	26,900	290
300	27.1	138.6	26,500	26,300	26,100	26,500	26,300	26,100	300
310	22.1	112.6	25,700	25,600	25,400	25,700	25,600	25,400	310

# MLC650 VPC-MAX S-2



ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75									75
80	82.8	320.0	53,600			53,600			80
85	81.8	318.8	52,600	46,300		52,600	46,300		85
90	80.9	317.5	51,600	45,600	40,200	51,600	45,600	40,200	90
95	80.0	316.0	50,700	45,000	39,700	50,700	45,000	39,700	95
100	79.0	314.5	49,800	44,400	39,300	49,800	44,400	39,300	100
105	78.1	312.9	48,600	43,800	38,800	48,600	43,800	38,800	105
110	77.1	311.2	47,200	43,200	38,400	47,200	43,200	38,400	110
115	76.2	309.4	45,900	42,400	38,000	45,900	42,400	38,000	115
120	75.2	307.5	44,500	41,800	37,600	44,500	41,800	37,600	120
130	73.3	303.5	42,200	40,500	36,800	42,200	40,500	36,800	130
140	71.3	299.0	40,100	39,400	35,900	40,100	39,400	35,900	140
150	69.3	294.1	38,100	37,800	35,100	38,100	37,800	35,100	150
160	67.3	288.8	36,400	36,100	34,300	36,400	36,100	34,300	160
170	65.2	283.0	34,800	34,500	33,400	34,800	34,500	33,400	170
180	63.1	276.7	33,300	33,100	32,600	33,300	33,100	32,600	180
190	60.9	269.8	32,000	31,700	31,500	32,000	31,700	31,500	190
200	58.7	262.4	30,700	30,500	30,300	30,700	30,500	30,300	200
210	56.4	254.3	29,600	29,400	29,200	29,600	29,400	29,200	210
220	54.0	245.6	28,500	28,300	28,200	28,500	28,300	28,200	220
230	51.5	236.0	27,600	27,400	27,200	27,600	27,400	27,200	230
240	48.9	225.6	26,600	26,500	26,300	26,600	26,500	26,300	240
250	46.2	214.2	25,800	25,700	25,500	25,800	25,700	25,500	250
260	43.3	201.5	25,000	24,900	24,800	25,000	24,900	24,800	260
270	40.1	187.4	24,400	24,200	24,100	24,400	24,200	24,100	270
280	36.8	171.5	23,700	23,600	23,500	23,700	23,600	23,500	280
290	33.0	153.0	23,200	23,100	22,900	23,200	23,100	22,900	290
300	28.6	131.0	22,700	22,600	22,500	22,700	22,600	22,500	300
310									310

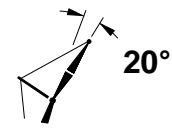
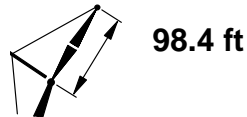
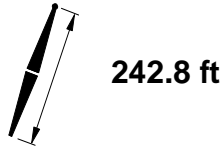
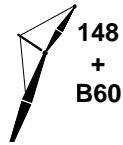
# MLC650 VPC-MAX S-2



			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70	82.4	345.3	64,400			64,400			70
75	81.5	344.3	63,300	53,200		63,300	53,200		75
80	80.7	343.2	62,200	52,500	45,500	62,200	52,500	45,500	80
85	79.8	342.1	61,300	51,700	44,900	61,300	51,700	44,900	85
90	78.9	340.8	60,300	51,000	44,400	60,300	51,000	44,400	90
95	78.1	339.5	59,200	50,300	43,800	59,200	50,300	43,800	95
100	77.2	338.1	58,200	49,600	43,300	58,200	49,600	43,300	100
105	76.3	336.6	57,200	48,900	42,800	57,200	48,900	42,800	105
110	75.4	335.0	56,100	48,300	42,300	56,100	48,300	42,300	110
115	74.6	333.4	55,100	47,700	41,800	55,100	47,700	41,800	115
120	73.7	331.6	54,100	47,000	41,300	54,100	47,000	41,300	120
130	71.9	327.9	52,100	45,800	40,300	52,100	45,800	40,300	130
140	70.1	323.7	50,200	44,600	39,400	50,200	44,600	39,400	140
150	68.2	319.3	48,500	43,300	38,500	48,500	43,300	38,500	150
160	66.4	314.4	46,800	42,100	37,700	46,800	42,100	37,700	160
170	64.5	309.1	45,300	40,800	36,800	45,300	40,800	36,800	170
180	62.5	303.3	43,800	39,600	36,000	43,800	39,600	36,000	180
190	60.5	297.1	42,400	38,500	35,200	42,400	38,500	35,200	190
200	58.5	290.4	40,900	37,500	34,400	40,900	37,500	34,400	200
210	56.5	283.2	39,100	36,400	33,500	39,100	36,400	33,500	210
220	54.3	275.4	37,400	35,500	32,700	37,400	35,500	32,700	220
230	52.1	266.9	35,900	34,600	31,900	35,900	34,600	31,900	230
240	49.9	257.8	34,500	33,700	31,200	34,500	33,700	31,200	240
250	47.5	247.9	33,200	32,800	30,500	33,200	32,800	30,500	250
260	45.0	237.2	32,000	31,700	29,800	32,000	31,700	29,800	260
270	42.4	225.4	30,800	30,500	29,200	30,800	30,500	29,200	270
280	39.7	212.5	29,800	29,500	28,600	29,800	29,500	28,600	280
290	36.8	198.1	28,800	28,600	28,100	28,800	28,600	28,100	290
300	33.6	182.0	27,900	27,700	27,500	27,900	27,700	27,500	300
310	30.0	163.5	27,100	26,400	25,100	27,100	26,900	26,700	310
320	26.0	141.8	23,400	22,300	21,300	26,300	26,100	26,000	320
330	21.2	114.6	19,300	18,400	17,500	25,600	25,400	25,300	330

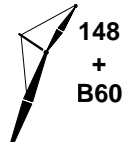


# MLC650 VPC-MAX S-2

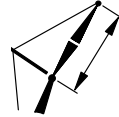


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85	82.3	339.0	53,000			53,000			85
90	81.5	337.7	52,100	45,800		52,100	45,800		90
95	80.6	336.4	51,200	45,200	39,900	51,200	45,200	39,900	95
100	79.7	335.0	50,300	44,600	39,400	50,300	44,600	39,400	100
105	78.8	333.5	49,500	44,100	39,000	49,500	44,100	39,000	105
110	77.9	331.9	48,300	43,500	38,600	48,300	43,500	38,600	110
115	77.0	330.2	47,000	42,900	38,200	47,000	42,900	38,200	115
120	76.1	328.4	45,700	42,300	37,800	45,700	42,300	37,800	120
130	74.3	324.6	43,400	41,100	37,100	43,400	41,100	37,100	130
140	72.5	320.5	41,300	40,000	36,300	41,300	40,000	36,300	140
150	70.6	315.9	39,400	38,900	35,600	39,400	38,900	35,600	150
160	68.7	311.0	37,700	37,300	34,800	37,700	37,300	34,800	160
170	66.8	305.6	36,000	35,700	34,000	36,000	35,700	34,000	170
180	64.9	299.8	34,600	34,300	33,200	34,600	34,300	33,200	180
190	62.9	293.5	33,200	32,900	32,500	33,200	32,900	32,500	190
200	60.8	286.7	31,900	31,700	31,500	31,900	31,700	31,500	200
210	58.7	279.4	30,800	30,600	30,400	30,800	30,600	30,400	210
220	56.6	271.5	29,700	29,500	29,300	29,700	29,500	29,300	220
230	54.3	262.9	28,700	28,500	28,300	28,700	28,500	28,300	230
240	52.0	253.6	27,800	27,600	27,400	27,800	27,600	27,400	240
250	49.6	243.6	26,900	26,800	26,600	26,900	26,800	26,600	250
260	47.1	232.6	26,100	25,900	25,800	26,100	25,900	25,800	260
270	44.5	220.6	25,400	25,200	25,100	25,400	25,200	25,100	270
280	41.6	207.3	24,700	24,500	24,400	24,700	24,500	24,400	280
290	38.6	192.6	24,100	24,000	23,800	24,100	24,000	23,800	290
300	35.3	175.9	23,500	23,400	23,300	23,500	23,400	23,300	300
310	31.7	156.7	23,100	22,900	22,800	23,100	22,900	22,800	310
320	27.4	133.7	22,600	22,500	22,200	22,600	22,500	22,400	320
330									330

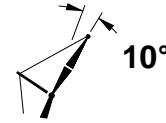
# MLC650 VPC-MAX S-2



262.5 ft



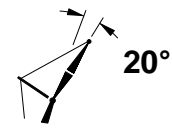
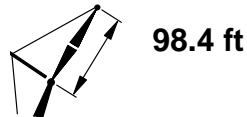
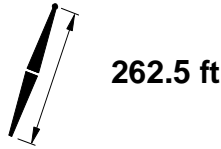
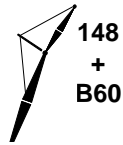
98.4 ft



10°

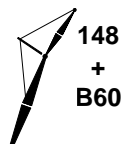
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.8	365.3	64,600			64,600			70
75	82.0	364.4	63,700			63,700			75
80	81.2	363.4	62,700	52,600		62,700	52,600		80
85	80.4	362.3	61,600	51,900	45,000	61,600	51,900	45,000	85
90	79.6	361.1	60,700	51,200	44,500	60,700	51,200	44,500	90
95	78.7	359.8	59,800	50,600	44,000	59,800	50,600	44,000	95
100	77.9	358.5	58,800	49,900	43,400	58,800	49,900	43,400	100
105	77.1	357.1	57,900	49,300	43,000	57,900	49,300	43,000	105
110	76.3	355.6	57,000	48,700	42,500	57,000	48,700	42,500	110
115	75.4	354.1	56,000	48,100	42,100	56,000	48,100	42,100	115
120	74.6	352.4	55,000	47,500	41,600	55,000	47,500	41,600	120
130	72.9	348.9	53,100	46,300	40,700	53,100	46,300	40,700	130
140	71.2	345.0	51,300	45,200	39,700	51,300	45,200	39,700	140
150	69.5	340.8	49,600	44,000	39,000	49,600	44,000	39,000	150
160	67.8	336.3	48,000	43,000	38,200	48,000	43,000	38,200	160
170	66.0	331.3	46,400	41,700	37,400	46,400	41,700	37,400	170
180	64.2	326.0	45,000	40,600	36,500	45,000	40,600	36,500	180
190	62.4	320.2	43,600	39,500	35,800	43,600	39,500	35,800	190
200	60.5	314.0	42,300	38,400	35,100	42,300	38,400	35,100	200
210	58.6	307.4	40,900	37,400	34,300	40,900	37,400	34,300	210
220	56.6	300.2	39,200	36,400	33,500	39,200	36,400	33,500	220
230	54.6	292.5	37,600	35,600	32,700	37,600	35,600	32,700	230
240	52.6	284.3	36,200	34,700	32,000	36,200	34,700	32,000	240
250	50.4	275.4	34,800	33,900	31,300	34,800	33,900	31,300	250
260	48.2	265.8	33,600	33,100	30,600	33,600	33,100	30,600	260
270	46.0	255.4	32,400	32,100	30,000	32,400	32,100	30,000	270
280	43.6	244.1	31,300	31,000	29,400	31,300	31,000	29,400	280
290	41.0	231.8	30,300	30,000	28,900	30,300	30,000	28,900	290
300	38.4	218.3	29,400	27,600	25,900	29,400	29,100	28,400	300
310	35.5	203.4	25,000	23,400	21,900	28,400	28,200	27,900	310
320	32.4	186.6	20,800	19,500	18,100	27,600	27,400	27,200	320
330	29.0	167.4	16,900	15,700	14,500	26,900	26,700	26,500	330
340	25.1	144.8	13,100	12,000	11,100	26,200	26,000	25,800	340
350	20.3	116.5	9,300	8,500	7,700	25,600	25,400	25,200	350

# MLC650 VPC-MAX S-2

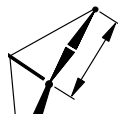


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85	82.8	359.1	53,300			53,300			85
90	81.9	357.9	52,400	45,900		52,400	45,900		90
95	81.1	356.7	51,600	45,400		51,600	45,400		95
100	80.3	355.3	50,800	44,900	39,500	50,800	44,900	39,500	100
105	79.5	353.9	50,000	44,300	39,100	50,000	44,300	39,100	105
110	78.6	352.4	49,200	43,800	38,800	49,200	43,800	38,800	110
115	77.8	350.8	48,100	43,300	38,400	48,100	43,300	38,400	115
120	76.9	349.2	46,800	42,700	38,000	46,800	42,700	38,000	120
130	75.2	345.6	44,600	41,600	37,300	44,600	41,600	37,300	130
140	73.5	341.7	42,500	40,500	36,600	42,500	40,500	36,600	140
150	71.8	337.5	40,500	39,500	35,900	40,500	39,500	35,900	150
160	70.0	332.8	38,800	38,500	35,200	38,800	38,500	35,200	160
170	68.2	327.9	37,200	36,900	34,400	37,200	36,900	34,400	170
180	66.4	322.5	35,700	35,400	33,700	35,700	35,400	33,700	180
190	64.6	316.6	34,400	34,100	33,000	34,400	34,100	33,000	190
200	62.7	310.4	33,100	32,800	32,300	33,100	32,800	32,300	200
210	60.7	303.6	31,900	31,600	31,400	31,900	31,600	31,400	210
220	58.8	296.4	30,800	30,600	30,400	30,800	30,600	30,400	220
230	56.7	288.6	29,800	29,600	29,400	29,800	29,600	29,400	230
240	54.6	280.2	28,800	28,600	28,500	28,800	28,600	28,500	240
250	52.5	271.2	27,900	27,800	27,600	27,900	27,800	27,600	250
260	50.2	261.4	27,100	27,000	26,800	27,100	27,000	26,800	260
270	47.9	250.8	26,400	26,200	26,100	26,400	26,200	26,100	270
280	45.5	239.3	25,600	25,500	25,400	25,600	25,500	25,400	280
290	42.9	226.8	25,000	24,900	24,700	25,000	24,900	24,700	290
300	40.2	212.9	24,400	24,300	24,100	24,400	24,300	24,100	300
310	37.2	197.5	23,800	23,700	23,600	23,800	23,700	23,600	310
320	34.0	180.2	22,400	21,000	19,600	23,400	23,200	23,100	320
330	30.4	160.2	18,100	16,900	15,700	22,900	22,800	22,700	330
340	26.3	136.3	14,000	12,900	11,900	22,600	22,400	22,300	340
350									350

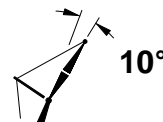
# MLC650 VPC-MAX S-2



282.2 ft



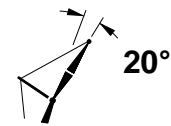
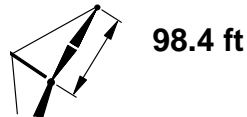
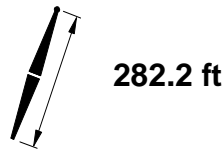
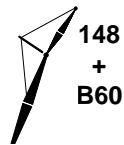
98.4 ft



10°

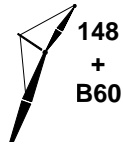
ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
75	82.4	384.4	63,800			63,800			75
80	81.7	383.4	62,900	52,700		62,900	52,700		80
85	80.9	382.4	62,000	52,000	45,000	62,000	52,000	45,000	85
90	80.1	381.3	61,100	51,400	44,600	61,100	51,400	44,600	90
95	79.3	380.1	60,200	50,800	44,000	60,200	50,800	44,000	95
100	78.6	378.8	59,300	50,200	43,600	59,300	50,200	43,600	100
105	77.8	377.5	58,400	49,600	43,100	58,400	49,600	43,100	105
110	77.0	376.1	57,600	48,900	42,700	57,600	48,900	42,700	110
115	76.2	374.6	56,700	48,400	42,200	56,700	48,400	42,200	115
120	75.4	373.1	55,900	47,800	41,800	55,900	47,800	41,800	120
130	73.8	369.8	54,000	46,700	40,900	54,000	46,700	40,900	130
140	72.2	366.1	52,200	45,700	40,100	52,200	45,700	40,100	140
150	70.6	362.2	50,600	44,600	39,300	50,600	44,600	39,300	150
160	69.0	357.9	49,000	43,500	38,500	49,000	43,500	38,500	160
170	67.3	353.3	47,500	42,500	37,800	47,500	42,500	37,800	170
180	65.6	348.3	46,100	41,400	37,000	46,100	41,400	37,000	180
190	63.9	342.9	44,800	40,300	36,300	44,800	40,300	36,300	190
200	62.2	337.1	43,500	39,300	35,600	43,500	39,300	35,600	200
210	60.4	331.0	42,200	38,300	34,900	42,200	38,300	34,900	210
220	58.6	324.4	41,000	37,400	34,200	41,000	37,400	34,200	220
230	56.8	317.3	39,400	36,500	33,500	39,400	36,500	33,500	230
240	54.9	309.7	37,900	35,600	32,800	37,900	35,600	32,800	240
250	53.0	301.6	36,500	34,800	32,100	36,500	34,800	32,100	250
260	51.0	292.9	35,200	34,000	31,400	35,200	34,000	31,400	260
270	48.9	283.5	34,000	33,300	30,700	34,000	33,300	30,700	270
280	46.8	273.4	32,900	32,500	30,100	32,900	32,500	30,100	280
290	44.5	262.6	31,800	31,500	29,600	31,800	31,500	29,600	290
300	42.2	250.8	30,800	29,100	27,100	30,800	30,500	29,100	300
310	39.8	238.0	26,600	24,700	22,900	29,800	29,600	28,600	310
320	37.2	224.0	22,300	20,600	19,000	29,000	28,700	28,100	320
330	34.4	208.4	18,200	16,700	15,300	28,200	27,900	27,700	330
340	31.4	191.0	14,300	13,000	11,700	27,400	27,200	27,000	340
350	28.0	171.1	10,600	9,400	8,300	26,700	26,500	26,300	350
360	24.2	147.6	6,900			26,100	25,900	25,700	360
370	19.5	118.3				25,500	25,300	25,200	370

# MLC650 VPC-MAX S-2

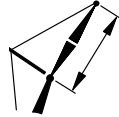


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.4	378.1	52,800			52,800			90
95	81.6	376.9	51,900	45,500		51,900	45,500		95
100	80.8	375.6	51,200	44,900	39,500	51,200	44,900	39,500	100
105	80.0	374.3	50,400	44,400	39,100	50,400	44,400	39,100	105
110	79.2	372.8	49,700	44,000	38,800	49,700	44,000	38,800	110
115	78.4	371.4	48,900	43,500	38,500	48,900	43,500	38,500	115
120	77.6	369.8	47,900	43,000	38,100	47,900	43,000	38,100	120
130	76.0	366.4	45,600	42,000	37,400	45,600	42,000	37,400	130
140	74.4	362.8	43,500	41,000	36,800	43,500	41,000	36,800	140
150	72.8	358.8	41,600	40,000	36,100	41,600	40,000	36,100	150
160	71.1	354.5	39,900	39,000	35,500	39,900	39,000	35,500	160
170	69.5	349.8	38,300	37,900	34,800	38,300	37,900	34,800	170
180	67.8	344.7	36,800	36,500	34,200	36,800	36,500	34,200	180
190	66.0	339.3	35,500	35,200	33,500	35,500	35,200	33,500	190
200	64.3	333.5	34,200	33,900	32,800	34,200	33,900	32,800	200
210	62.5	327.2	33,000	32,700	32,200	33,000	32,700	32,200	210
220	60.7	320.5	31,900	31,600	31,400	31,900	31,600	31,400	220
230	58.8	313.4	30,800	30,600	30,400	30,800	30,600	30,400	230
240	56.9	305.7	29,900	29,700	29,500	29,900	29,700	29,500	240
250	54.9	297.4	29,000	28,800	28,600	29,000	28,800	28,600	250
260	52.9	288.6	28,100	27,900	27,800	28,100	27,900	27,800	260
270	50.8	279.1	27,300	27,200	27,000	27,300	27,200	27,000	270
280	48.6	268.9	26,600	26,500	26,300	26,600	26,500	26,300	280
290	46.4	257.8	25,900	25,700	25,600	25,900	25,700	25,600	290
300	44.0	245.8	25,300	25,100	25,000	25,300	25,100	25,000	300
310	41.5	232.7	24,700	24,500	24,400	24,700	24,500	24,400	310
320	38.8	218.3	24,200	22,600	20,900	24,200	24,000	23,900	320
330	36.0	202.3	20,000	18,400	16,900	23,600	23,500	23,400	330
340	32.8	184.3	15,800	14,400	13,100	23,200	23,000	23,000	340
350	29.3	163.5	11,700	10,600	9,400	22,800	22,700	22,600	350
360									360
370									370

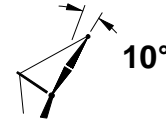
# MLC650 VPC-MAX S-2



301.8 ft



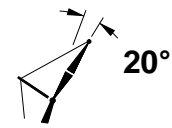
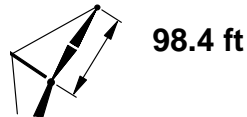
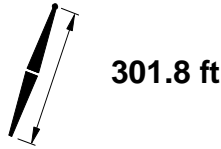
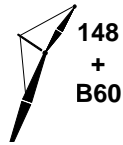
98.4 ft



10°

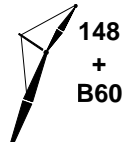
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
75	82.8	404.4	64,000			64,000			75
80	82.1	403.5	63,100			63,100			80
85	81.3	402.5	62,200	52,100		62,200	52,100		85
90	80.6	401.4	61,400	51,500	44,500	61,400	51,500	44,500	90
95	79.9	400.3	60,500	50,900	44,000	60,500	50,900	44,000	95
100	79.1	399.1	59,700	50,300	43,600	59,700	50,300	43,600	100
105	78.4	397.9	59,000	49,700	43,100	59,000	49,700	43,100	105
110	77.7	396.5	58,100	49,200	42,700	58,100	49,200	42,700	110
115	76.9	395.1	57,300	48,600	42,300	57,300	48,600	42,300	115
120	76.2	393.7	56,500	48,100	41,800	56,500	48,100	41,800	120
130	74.7	390.5	54,800	47,000	41,100	54,800	47,000	41,100	130
140	73.2	387.1	53,100	46,000	40,300	53,100	46,000	40,300	140
150	71.6	383.4	51,400	45,000	39,500	51,400	45,000	39,500	150
160	70.1	379.3	50,000	44,100	38,800	50,000	44,100	38,800	160
170	68.5	375.0	48,500	43,100	38,100	48,500	43,100	38,100	170
180	66.9	370.3	47,100	42,100	37,400	47,100	42,100	37,400	180
190	65.3	365.2	45,800	41,100	36,700	45,800	41,100	36,700	190
200	63.7	359.8	44,500	40,100	36,100	44,500	40,100	36,100	200
210	62.1	354.1	43,300	39,100	35,400	43,300	39,100	35,400	210
220	60.4	347.9	42,200	38,200	34,700	42,200	38,200	34,700	220
230	58.7	341.3	41,000	37,300	34,100	41,000	37,300	34,100	230
240	56.9	334.3	39,500	36,500	33,500	39,500	36,500	33,500	240
250	55.1	326.8	38,100	35,700	32,800	38,100	35,700	32,800	250
260	53.3	318.8	36,800	34,800	32,100	36,800	34,800	32,100	260
270	51.4	310.3	35,500	34,100	31,500	35,500	34,100	31,500	270
280	49.5	301.1	34,300	33,400	30,900	34,300	33,400	30,900	280
290	47.5	291.4	33,000	30,500	28,000	33,000	32,800	30,300	290
300	45.4	280.8	28,200	25,900	23,600	32,200	31,900	29,800	300
310	43.2	269.5	23,600	21,500	19,500	31,200	31,000	29,200	310
320	41.0	257.3	19,400	17,500	15,600	30,300	30,100	28,700	320
330	38.6	244.0	15,300	13,600	11,900	29,500	29,200	28,300	330
340	36.1	229.4	11,500	9,900	8,400	28,700	28,400	27,900	340
350	33.3	213.3	7,800			27,900	27,700	27,500	350
360	30.4	195.3				27,200	27,000	26,800	360
370	27.1	174.7				26,500	26,300	26,100	370
380	23.4	150.4				26,000	25,800	25,600	380
390	18.8	119.9				25,400	25,300	25,100	390

# MLC650 VPC-MAX S-2

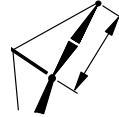


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.8	398.1	53,000			53,000			90
95	82.0	397.0	52,300			52,300			95
100	81.3	395.8	51,500	45,000		51,500	45,000		100
105	80.5	394.5	50,800	44,600	39,100	50,800	44,600	39,100	105
110	79.8	393.2	50,100	44,100	38,800	50,100	44,100	38,800	110
115	79.0	391.8	49,300	43,700	38,500	49,300	43,700	38,500	115
120	78.3	390.3	48,600	43,200	38,100	48,600	43,200	38,100	120
130	76.8	387.2	46,600	42,300	37,500	46,600	42,300	37,500	130
140	75.2	383.7	44,600	41,400	36,900	44,600	41,400	36,900	140
150	73.7	379.9	42,700	40,400	36,300	42,700	40,400	36,300	150
160	72.1	375.8	40,900	39,500	35,700	40,900	39,500	35,700	160
170	70.6	371.4	39,400	38,600	35,100	39,400	38,600	35,100	170
180	69.0	366.7	37,900	37,600	34,500	37,900	37,600	34,500	180
190	67.4	361.6	36,500	36,200	33,900	36,500	36,200	33,900	190
200	65.7	356.2	35,200	35,000	33,200	35,200	35,000	33,200	200
210	64.0	350.3	34,100	33,800	32,600	34,100	33,800	32,600	210
220	62.3	344.1	32,900	32,600	32,000	32,900	32,600	32,000	220
230	60.6	337.5	31,900	31,600	31,400	31,900	31,600	31,400	230
240	58.8	330.4	30,900	30,600	30,400	30,900	30,600	30,400	240
250	57.0	322.8	30,000	29,800	29,600	30,000	29,800	29,600	250
260	55.2	314.7	29,100	28,900	28,700	29,100	28,900	28,700	260
270	53.3	306.0	28,300	28,100	27,900	28,300	28,100	27,900	270
280	51.3	296.7	27,500	27,400	27,200	27,500	27,400	27,200	280
290	49.3	286.8	26,800	26,700	26,500	26,800	26,700	26,500	290
300	47.1	276.1	26,200	26,000	25,900	26,200	26,000	25,900	300
310	44.9	264.6	25,600	24,100	22,000	25,600	25,400	25,300	310
320	42.6	252.1	21,800	19,800	17,900	25,000	24,800	24,700	320
330	40.2	238.4	17,500	15,700	14,000	24,400	24,300	24,200	330
340	37.6	223.5	13,400	11,800	10,200	23,900	23,800	23,700	340
350	34.8	206.9	9,400	8,000	6,600	23,500	23,300	23,200	350
360	31.7	188.2				23,100	23,000	22,900	360
370	28.3	166.7				22,700	22,600	22,500	370
380									380
390									390

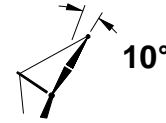
# MLC650 VPC-MAX S-2



321.5 ft



98.4 ft

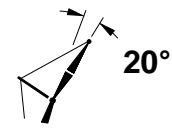
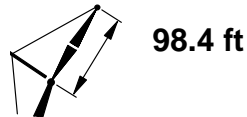
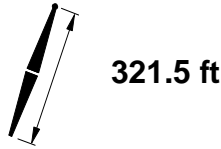
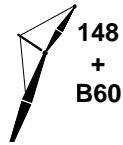


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
ft	°	ft	lb	lb	lb	lb	lb	lb	ft
80	82.4	423.5	63,100			63,100			80
85	81.8	422.5	62,400	52,000		62,400	52,000		85
90	81.1	421.5	61,500	51,400		61,500	51,400		90
95	80.4	420.5	60,700	50,900	44,000	60,700	50,900	44,000	95
100	79.7	419.3	60,000	50,400	43,500	60,000	50,400	43,500	100
105	79.0	418.1	59,200	49,800	43,100	59,200	49,800	43,100	105
110	78.3	416.9	58,500	49,300	42,700	58,500	49,300	42,700	110
115	77.6	415.5	57,700	48,700	42,300	57,700	48,700	42,300	115
120	76.8	414.2	57,000	48,300	41,900	57,000	48,300	41,900	120
130	75.4	411.2	55,500	47,300	41,100	55,500	47,300	41,100	130
140	74.0	407.9	53,900	46,300	40,400	53,900	46,300	40,400	140
150	72.5	404.4	52,300	45,300	39,700	52,300	45,300	39,700	150
160	71.1	400.6	50,800	44,500	39,000	50,800	44,500	39,000	160
170	69.6	396.4	49,400	43,500	38,300	49,400	43,500	38,300	170
180	68.1	392.0	48,000	42,600	37,600	48,000	42,600	37,600	180
190	66.6	387.3	46,700	41,700	37,000	46,700	41,700	37,000	190
200	65.1	382.2	45,500	40,800	36,400	45,500	40,800	36,400	200
210	63.5	376.8	44,300	39,800	35,800	44,300	39,800	35,800	210
220	61.9	371.0	43,200	38,900	35,100	43,200	38,900	35,100	220
230	60.3	364.9	42,100	38,000	34,600	42,100	38,000	34,600	230
240	58.7	358.3	41,000	37,200	34,000	41,000	37,200	34,000	240
250	57.0	351.3	39,700	36,500	33,400	39,700	36,500	33,400	250
260	55.3	343.9	38,300	35,700	32,700	38,300	35,700	32,700	260
270	53.6	336.1	37,100	34,900	32,100	37,100	34,900	32,100	270
280	51.8	327.7	33,400	30,300	27,400	35,900	34,200	31,500	280
290	50.0	318.7	28,200	25,400	22,800	34,700	33,600	31,000	290
300	48.1	309.2	23,400	20,800	18,400	33,600	32,900	30,400	300
310	46.2	299.0	18,800	16,500	14,300	32,700	32,300	29,900	310
320	44.1	288.0	14,600	12,400	10,400	31,700	31,400	29,400	320
330	42.0	276.2	10,500	8,600	6,700	30,800	30,500	28,900	330
340	39.8	263.5	6,700			29,900	29,700	28,500	340
350	37.5	249.7				29,200	28,900	28,000	350
360	35.0	234.6				28,400	28,200	27,600	360
370	32.4	218.0				27,700	27,500	27,200	370
380	29.5	199.3				27,100	26,800	26,600	380
390	26.3	178.1				26,400	26,200	26,000	390
400	22.6	152.9				25,900	25,700	25,500	400
410	18.1	121.4				25,400	25,200	25,000	410

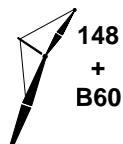


# MLC650 VPC-MAX S-2

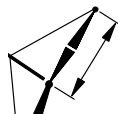


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95	82.4	417.1	52,400			52,400			95
100	81.7	416.0	51,700	45,000		51,700	45,000		100
105	81.0	414.8	51,100	44,600	39,000	51,100	44,600	39,000	105
110	80.3	413.5	50,400	44,200	38,700	50,400	44,200	38,700	110
115	79.6	412.2	49,700	43,700	38,400	49,700	43,700	38,400	115
120	78.9	410.8	49,000	43,300	38,100	49,000	43,300	38,100	120
130	77.4	407.8	47,600	42,500	37,500	47,600	42,500	37,500	130
140	76.0	404.5	45,600	41,600	37,000	45,600	41,600	37,000	140
150	74.5	400.9	43,700	40,700	36,400	43,700	40,700	36,400	150
160	73.0	397.1	41,900	39,900	35,900	41,900	39,900	35,900	160
170	71.6	392.9	40,400	39,100	35,200	40,400	39,100	35,200	170
180	70.0	388.4	38,900	38,200	34,700	38,900	38,200	34,700	180
190	68.5	383.6	37,500	37,200	34,200	37,500	37,200	34,200	190
200	67.0	378.5	36,200	35,900	33,600	36,200	35,900	33,600	200
210	65.4	373.0	35,000	34,800	33,000	35,000	34,800	33,000	210
220	63.8	367.2	33,900	33,700	32,500	33,900	33,700	32,500	220
230	62.2	361.0	32,900	32,600	31,900	32,900	32,600	31,900	230
240	60.5	354.4	31,900	31,600	31,400	31,900	31,600	31,400	240
250	58.9	347.3	31,000	30,700	30,500	31,000	30,700	30,500	250
260	57.1	339.8	30,100	29,800	29,600	30,100	29,800	29,600	260
270	55.4	331.9	29,200	29,100	28,900	29,200	29,100	28,900	270
280	53.6	323.3	28,500	28,300	28,100	28,500	28,300	28,100	280
290	51.7	314.3	27,700	27,600	26,100	27,700	27,600	27,400	290
300	49.8	304.6	26,700	24,000	21,500	27,100	26,900	26,700	300
310	47.8	294.2	21,900	19,400	17,100	26,400	26,300	26,100	310
320	45.8	283.1	17,300	15,100	13,000	25,800	25,700	25,500	320
330	43.6	271.1	13,100	11,000	9,100	25,300	25,100	25,000	330
340	41.4	258.1	9,000	7,200		24,700	24,600	24,500	340
350	39.0	244.0				24,200	24,100	23,900	350
360	36.5	228.5				23,800	23,600	23,500	360
370	33.7	211.3				23,400	23,200	23,100	370
380	30.7	192.0				23,000	22,800	22,800	380
390	27.4	169.7				22,700	22,500	22,400	390
400									400
410									410

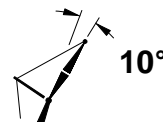
# MLC650 VPC-MAX S-2



341.2 ft



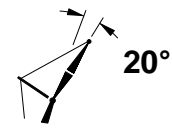
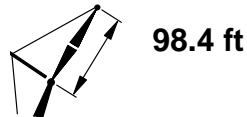
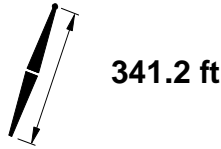
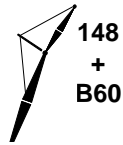
98.4 ft



10°

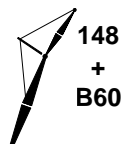
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.8	443.4	63,200			63,200			80
85	82.1	442.5	62,300			62,300			85
90	81.5	441.6	61,600	51,300		61,600	51,300		90
95	80.8	440.6	60,900	50,800	43,800	60,900	50,800	43,800	95
100	80.1	439.5	60,100	50,300	43,400	60,100	50,300	43,400	100
105	79.5	438.3	59,400	49,800	43,000	59,400	49,800	43,000	105
110	78.8	437.1	58,800	49,300	42,600	58,800	49,300	42,600	110
115	78.1	435.9	58,100	48,800	42,300	58,100	48,800	42,300	115
120	77.4	434.6	57,300	48,300	41,900	57,300	48,300	41,900	120
130	76.1	431.7	55,900	47,400	41,200	55,900	47,400	41,200	130
140	74.7	428.6	54,500	46,500	40,500	54,500	46,500	40,500	140
150	73.4	425.3	53,000	45,600	39,800	53,000	45,600	39,800	150
160	72.0	421.6	51,600	44,700	39,100	51,600	44,700	39,100	160
170	70.6	417.7	50,200	43,900	38,500	50,200	43,900	38,500	170
180	69.2	413.5	48,800	43,000	37,900	48,800	43,000	37,900	180
190	67.7	409.1	47,600	42,200	37,200	47,600	42,200	37,200	190
200	66.3	404.3	46,400	41,300	36,600	46,400	41,300	36,600	200
210	64.8	399.2	45,300	40,500	36,100	45,300	40,500	36,100	210
220	63.3	393.7	44,100	39,600	35,500	44,100	39,600	35,500	220
230	61.8	387.9	43,100	38,800	34,900	43,100	38,800	34,900	230
240	60.3	381.8	42,000	37,900	34,400	42,000	37,900	34,400	240
250	58.7	375.3	41,000	37,100	33,800	41,000	37,100	33,800	250
260	57.2	368.4	39,900	36,400	33,300	39,900	36,400	33,300	260
270	55.5	361.0	38,600	35,700	32,700	38,600	35,700	32,700	270
280	53.9	353.2	37,100	33,700	30,400	37,300	35,000	32,100	280
290	52.2	345.0	31,700	28,500	25,600	36,200	34,300	31,600	290
300	50.5	336.2	26,600	23,700	21,000	35,100	33,600	31,000	300
310	48.7	326.9	21,900	19,200	16,700	34,000	33,000	30,500	310
320	46.8	316.9	17,400	15,000	12,700	33,100	32,500	30,000	320
330	44.9	306.3	13,200	11,000	8,900	32,100	31,800	29,500	330
340	43.0	294.9	9,200	7,200		31,300	30,900	29,000	340
350	40.9	282.7				30,400	30,100	28,600	350
360	38.8	269.6				29,600	29,400	28,200	360
370	36.5	255.3				28,900	28,600	27,800	370
380	34.1	239.7				28,200	28,000	27,500	380
390	31.5	222.5				27,500	27,300	27,100	390
400	28.7	203.3				26,900	26,700	26,500	400
410	25.5	181.3				26,300	26,100	25,900	410
420	21.9	155.4				25,800	25,600	25,400	420
430	17.4	122.8				25,300	25,100	25,000	430

# MLC650 VPC-MAX S-2

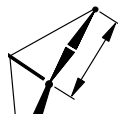


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95	82.8	437.2	52,600			52,600			95
100	82.1	436.1	52,000			52,000			100
105	81.4	435.0	51,300	44,500		51,300	44,500		105
110	80.7	433.8	50,600	44,200	38,600	50,600	44,200	38,600	110
115	80.1	432.5	50,000	43,800	38,300	50,000	43,800	38,300	115
120	79.4	431.1	49,400	43,400	38,000	49,400	43,400	38,000	120
130	78.0	428.3	48,200	42,600	37,500	48,200	42,600	37,500	130
140	76.6	425.2	46,500	41,800	36,900	46,500	41,800	36,900	140
150	75.2	421.8	44,600	41,000	36,400	44,600	41,000	36,400	150
160	73.8	418.1	42,900	40,200	35,900	42,900	40,200	35,900	160
170	72.4	414.2	41,300	39,400	35,400	41,300	39,400	35,400	170
180	71.0	409.9	39,900	38,600	34,900	39,900	38,600	34,900	180
190	69.6	405.4	38,500	37,900	34,400	38,500	37,900	34,400	190
200	68.1	400.6	37,200	36,900	33,900	37,200	36,900	33,900	200
210	66.6	395.4	36,000	35,700	33,300	36,000	35,700	33,300	210
220	65.1	389.9	34,900	34,600	32,800	34,900	34,600	32,800	220
230	63.6	384.1	33,800	33,500	32,200	33,800	33,500	32,200	230
240	62.1	377.9	32,900	32,600	31,800	32,900	32,600	31,800	240
250	60.5	371.3	31,900	31,700	31,200	31,900	31,700	31,200	250
260	58.9	364.3	31,000	30,800	30,600	31,000	30,800	30,600	260
270	57.3	356.9	30,200	30,000	29,700	30,200	30,000	29,700	270
280	55.6	349.0	29,400	29,200	29,000	29,400	29,200	29,000	280
290	53.9	340.6	28,600	28,400	28,200	28,600	28,400	28,200	290
300	52.1	331.7	27,900	27,200	24,400	27,900	27,700	27,600	300
310	50.3	322.3	25,200	22,500	19,900	27,300	27,100	26,900	310
320	48.4	312.2	20,500	18,000	15,600	26,700	26,500	26,300	320
330	46.5	301.4	16,000	13,800	11,600	26,100	25,900	25,700	330
340	44.5	289.8	11,800	9,700	7,700	25,500	25,300	25,200	340
350	42.4	277.4	7,800			25,000	24,800	24,700	350
360	40.2	264.0				24,500	24,400	24,200	360
370	37.9	249.3				24,000	23,900	23,800	370
380	35.4	233.3				23,600	23,500	23,400	380
390	32.7	215.6				23,200	23,100	23,000	390
400	29.8	195.6				22,900	22,700	22,600	400
410	26.5	172.6				22,600	22,500	22,400	410
420									420
430									430

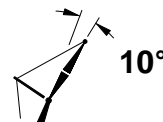
# MLC650 VPC-MAX S-2



360.9 ft



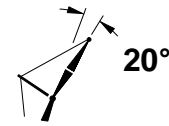
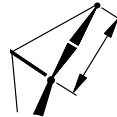
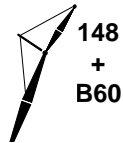
98.4 ft



10°

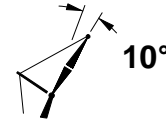
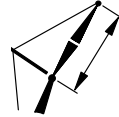
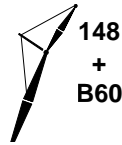
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.5	462.5	62,200			62,200			85
90	81.8	461.6	61,500	51,000		61,500	51,000		90
95	81.2	460.6	60,800	50,600		60,800	50,600		95
100	80.6	459.6	60,100	50,100	43,100	60,100	50,100	43,100	100
105	79.9	458.5	59,500	49,600	42,700	59,500	49,600	42,700	105
110	79.3	457.4	58,800	49,100	42,400	58,800	49,100	42,400	110
115	78.6	456.2	58,100	48,700	42,100	58,100	48,700	42,100	115
120	78.0	454.9	57,500	48,200	41,700	57,500	48,200	41,700	120
130	76.7	452.2	56,200	47,300	41,000	56,200	47,300	41,000	130
140	75.4	449.2	54,900	46,500	40,400	54,900	46,500	40,400	140
150	74.1	446.0	53,500	45,600	39,700	53,500	45,600	39,700	150
160	72.8	442.6	52,100	44,800	39,100	52,100	44,800	39,100	160
170	71.4	438.9	50,800	44,000	38,400	50,800	44,000	38,400	170
180	70.1	434.9	49,500	43,300	37,900	49,500	43,300	37,900	180
190	68.7	430.6	48,200	42,400	37,300	48,200	42,400	37,300	190
200	67.4	426.1	47,100	41,700	36,700	47,100	41,700	36,700	200
210	66.0	421.3	45,900	40,900	36,200	45,900	40,900	36,200	210
220	64.6	416.1	44,800	40,100	35,600	44,800	40,100	35,600	220
230	63.2	410.7	43,700	39,200	35,200	43,700	39,200	35,200	230
240	61.7	404.9	42,800	38,500	34,600	42,800	38,500	34,600	240
250	60.3	398.7	41,800	37,700	34,100	41,800	37,700	34,100	250
260	58.8	392.3	40,800	36,900	33,600	40,800	36,900	33,600	260
270	57.3	385.4	37,800	33,800	30,000	39,700	36,200	33,100	270
280	55.7	378.1	32,000	28,300	24,800	38,500	35,600	32,600	280
290	54.1	370.4	26,500	23,200	20,000	37,300	34,900	32,000	290
300	52.5	362.3	21,500	18,400	15,500	36,200	34,300	31,500	300
310	50.9	353.7	16,700	13,900	11,200	35,100	33,700	31,000	310
320	49.2	344.5	12,300	9,700	7,200	34,100	33,100	30,500	320
330	47.5	334.8	8,100			33,200	32,500	30,000	330
340	45.7	324.5				32,300	32,000	29,600	340
350	43.8	313.5				31,500	31,100	29,200	350
360	41.9	301.7				30,600	30,400	28,700	360
370	39.9	289.1				29,900	29,700	28,300	370
380	37.8	275.5				29,200	28,900	28,000	380
390	35.5	260.7				28,500	28,300	27,700	390
400	33.2	244.6				27,800	27,600	27,400	400
410	30.6	226.9				27,200	27,000	26,800	410
420	27.9	207.1				26,700	26,500	26,300	420
430	24.8	184.4				26,100	26,000	25,800	430
440	21.2	157.7				25,700	25,500	25,300	440
450	16.8	124.0				25,300	24,800	23,500	450

# MLC650 VPC-MAX S-2



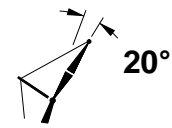
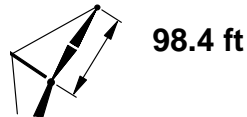
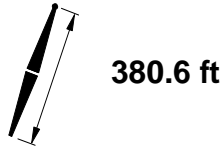
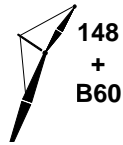
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100	82.4	456.2	52,100			52,100			100
105	81.8	455.1	51,400	44,400		51,400	44,400		105
110	81.1	453.9	50,800	44,000		50,800	44,000		110
115	80.5	452.7	50,200	43,700	38,100	50,200	43,700	38,100	115
120	79.8	451.5	49,600	43,300	37,900	49,600	43,300	37,900	120
130	78.5	448.7	48,400	42,600	37,400	48,400	42,600	37,400	130
140	77.2	445.8	47,200	41,900	36,900	47,200	41,900	36,900	140
150	75.9	442.5	45,300	41,100	36,300	45,300	41,100	36,300	150
160	74.6	439.0	43,700	40,400	35,900	43,700	40,400	35,900	160
170	73.2	435.3	42,100	39,600	35,400	42,100	39,600	35,400	170
180	71.9	431.3	40,600	38,900	34,900	40,600	38,900	34,900	180
190	70.5	427.0	39,300	38,200	34,500	39,300	38,200	34,500	190
200	69.1	422.4	38,000	37,400	34,000	38,000	37,400	34,000	200
210	67.7	417.5	36,800	36,400	33,500	36,800	36,400	33,500	210
220	66.3	412.3	35,600	35,300	33,000	35,600	35,300	33,000	220
230	64.9	406.8	34,600	34,300	32,500	34,600	34,300	32,500	230
240	63.4	401.0	33,600	33,300	32,000	33,600	33,300	32,000	240
250	62.0	394.8	32,600	32,400	31,500	32,600	32,400	31,500	250
260	60.5	388.2	31,700	31,500	31,100	31,700	31,500	31,100	260
270	58.9	381.3	30,900	30,700	30,500	30,900	30,700	30,500	270
280	57.4	373.9	30,100	29,900	29,000	30,100	29,900	29,700	280
290	55.8	366.2	29,400	27,200	23,900	29,400	29,200	28,900	290
300	54.1	357.9	25,400	22,200	19,100	28,700	28,400	28,200	300
310	52.5	349.2	20,400	17,500	14,600	28,000	27,800	27,600	310
320	50.8	339.9	15,700	13,000	10,400	27,300	27,200	27,000	320
330	49.0	330.1	11,300	8,800		26,800	26,600	26,400	330
340	47.2	319.6	7,100			26,200	26,000	25,800	340
350	45.3	308.4				25,600	25,500	25,300	350
360	43.3	296.4				25,100	25,000	24,800	360
370	41.3	283.5				24,600	24,500	24,400	370
380	39.1	269.6				24,200	24,100	23,900	380
390	36.9	254.5				23,800	23,700	23,600	390
400	34.4	238.0				23,400	23,300	23,200	400
410	31.8	219.7				23,100	22,900	22,800	410
420	28.9	199.1				22,800	22,700	22,600	420
430									430
440									440
450									450

# MLC650 VPC-MAX S-2



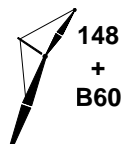
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.8	482.5	62,000			62,000			85
90	82.2	481.6	61,400			61,400			90
95	81.6	480.7	60,700	50,300		60,700	50,300		95
100	81.0	479.7	60,000	49,900	42,800	60,000	49,900	42,800	100
105	80.3	478.6	59,400	49,400	42,400	59,400	49,400	42,400	105
110	79.7	477.6	58,800	49,000	42,100	58,800	49,000	42,100	110
115	79.1	476.4	58,100	48,500	41,800	58,100	48,500	41,800	115
120	78.5	475.2	57,500	48,100	41,500	57,500	48,100	41,500	120
130	77.3	472.6	56,300	47,300	40,800	56,300	47,300	40,800	130
140	76.0	469.8	55,000	46,400	40,200	55,000	46,400	40,200	140
150	74.8	466.7	53,900	45,600	39,600	53,900	45,600	39,600	150
160	73.5	463.4	52,500	44,800	39,000	52,500	44,800	39,000	160
170	72.2	459.9	51,200	44,100	38,400	51,200	44,100	38,400	170
180	71.0	456.1	50,000	43,300	37,900	50,000	43,300	37,900	180
190	69.7	452.0	48,800	42,600	37,400	48,800	42,600	37,400	190
200	68.4	447.7	47,700	41,900	36,800	47,700	41,900	36,800	200
210	67.1	443.1	46,500	41,200	36,300	46,500	41,200	36,300	210
220	65.7	438.2	45,400	40,500	35,700	45,400	40,500	35,700	220
230	64.4	433.1	44,400	39,700	35,300	44,400	39,700	35,300	230
240	63.0	427.6	43,400	39,000	34,800	43,400	39,000	34,800	240
250	61.6	421.8	42,500	38,200	34,300	42,500	38,200	34,300	250
260	60.2	415.7	41,600	37,500	33,900	41,600	37,500	33,900	260
270	58.8	409.2	37,000	32,700	28,700	40,700	36,800	33,400	270
280	57.4	402.4	31,200	27,300	23,600	39,600	36,100	32,900	280
290	55.9	395.2	25,800	22,200	18,800	38,400	35,500	32,400	290
300	54.4	387.6	20,700	17,400	14,300	37,300	34,800	31,900	300
310	52.8	379.5	16,000	12,900	10,100	36,200	34,300	31,400	310
320	51.3	371.1	11,500	8,700		35,200	33,700	30,900	320
330	49.7	362.1	7,400			34,300	33,100	30,500	330
340	48.0	352.6				33,400	32,600	30,100	340
350	46.3	342.5				32,500	32,100	29,600	350
360	44.6	331.8				31,700	31,400	29,200	360
370	42.8	320.4				30,900	30,600	28,800	370
380	40.9	308.2				30,200	29,900	28,500	380
390	38.9	295.2				29,500	29,200	28,100	390
400	36.8	281.1				28,800	28,600	27,800	400
410	34.7	266.0				28,200	27,900	27,500	410
420	32.4	249.4				27,600	27,400	27,200	420
430	29.9	231.1				27,000	26,800	26,600	430
440	27.1	210.7				26,500	26,300	25,600	440
450	24.1	187.4				25,000	24,400	22,900	450
460	20.6	159.9				22,200	21,700	20,400	460

# MLC650 VPC-MAX S-2

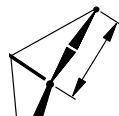


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100	82.7	476.2	52,100			52,100			100
105	82.1	475.2	51,500			51,500			105
110	81.5	474.1	50,900	43,800		50,900	43,800		110
115	80.9	472.9	50,300	43,500	37,900	50,300	43,500	37,900	115
120	80.3	471.7	49,700	43,200	37,600	49,700	43,200	37,600	120
130	79.0	469.1	48,600	42,500	37,200	48,600	42,500	37,200	130
140	77.8	466.3	47,600	41,900	36,700	47,600	41,900	36,700	140
150	76.5	463.2	46,100	41,200	36,200	46,100	41,200	36,200	150
160	75.3	459.9	44,400	40,500	35,800	44,400	40,500	35,800	160
170	74.0	456.3	42,900	39,800	35,400	42,900	39,800	35,400	170
180	72.7	452.5	41,400	39,100	35,000	41,400	39,100	35,000	180
190	71.4	448.4	40,000	38,400	34,500	40,000	38,400	34,500	190
200	70.1	444.0	38,800	37,700	34,100	38,800	37,700	34,100	200
210	68.7	439.4	37,500	37,000	33,600	37,500	37,000	33,600	210
220	67.4	434.5	36,400	36,000	33,200	36,400	36,000	33,200	220
230	66.0	429.2	35,400	35,000	32,800	35,400	35,000	32,800	230
240	64.7	423.7	34,300	34,000	32,300	34,300	34,000	32,300	240
250	63.3	417.9	33,400	33,100	31,800	33,400	33,100	31,800	250
260	61.8	411.7	32,500	32,200	31,400	32,500	32,200	31,400	260
270	60.4	405.2	31,600	31,400	30,900	31,600	31,400	30,900	270
280	58.9	398.3	30,900	30,600	27,900	30,900	30,600	30,400	280
290	57.5	391.0	30,100	26,400	22,900	30,100	29,800	29,600	290
300	55.9	383.3	24,800	21,400	18,100	29,400	29,200	29,000	300
310	54.4	375.2	19,800	16,700	13,700	28,700	28,500	28,300	310
320	52.8	366.6	15,100	12,200	9,500	28,000	27,800	27,700	320
330	51.2	357.5	10,700	8,000		27,400	27,200	27,100	330
340	49.5	347.8	6,500			26,800	26,700	26,500	340
350	47.8	337.6				26,300	26,100	26,000	350
360	46.0	326.7				25,800	25,600	25,500	360
370	44.1	315.1				25,300	25,100	25,000	370
380	42.2	302.8				24,800	24,700	24,500	380
390	40.2	289.5				24,400	24,300	24,100	390
400	38.1	275.1				24,000	23,900	23,700	400
410	35.9	259.6				23,600	23,500	23,400	410
420	33.5	242.6				23,300	23,200	23,000	420
430	30.9	223.7				23,000	22,900	22,700	430
440	28.1	202.5				22,700	22,600	22,500	440
450									450
460									460

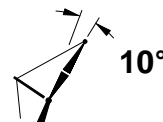
# MLC650 VPC-MAX S-2



400.3 ft



98.4 ft

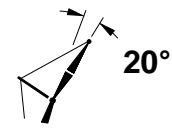
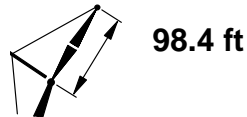
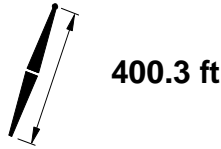
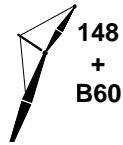


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
ft	°	ft	lb	lb	lb	lb	lb	lb	ft
90	82.5	501.6	61,100			61,100			90
95	81.9	500.7	60,500			60,500			95
100	81.3	499.7	59,800			59,800			100
105	80.7	498.7	59,300			59,300			105
110	80.1	497.7	58,600			58,600			110
115	79.6	496.6	58,100			58,100			115
120	79.0	495.4	57,500			57,500			120
130	77.8	493.0	56,300			56,300			130
140	76.6	490.3	55,200			55,200			140
150	75.4	487.3	54,100			54,100			150
160	74.2	484.2	53,000			53,000			160
170	73.0	480.8	51,700			51,700			170
180	71.8	477.2	50,500			50,500			180
190	70.5	473.3	49,400			49,400			190
200	69.3	469.2	48,200			48,200			200
210	68.0	464.8	47,100			47,100			210
220	66.8	460.1	46,100			46,100			220
230	65.5	455.2	45,100			45,100			230
240	64.2	450.0	44,200			44,200			240
250	62.9	444.5	43,200			43,200			250
260	61.5	438.7	38,200			42,400			260
270	60.2	432.6	32,000			41,500			270
280	58.8	426.2	26,100			40,600			280
290	57.4	419.4	20,700			39,700			290
300	56.0	412.3	15,700			38,600			300
310	54.6	404.7	10,900			37,500			310
320	53.1	396.8	6,500			36,400			320
330	51.6	388.4				35,400			330
340	50.1	379.6				34,600			340
350	48.5	370.3				33,600			350
360	46.9	360.4				32,800			360
370	45.3	350.0				32,000			370
380	43.5	338.9				31,200			380
390	41.8	327.1				30,500			390
400	39.9	314.6				29,800			400
410	38.0	301.1				29,200			410
420	36.0	286.7				28,600			420
430	33.8	271.0				26,900			430
440	31.6	254.0				24,000			440
450	29.1	235.2				21,200			450
460	26.5	214.3				18,500			460
470	23.5	190.3				15,800			470
480	20.0	162.0				13,300			480

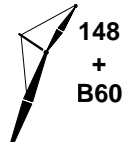


# MLC650 VPC-MAX S-2

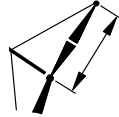


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105	82.5	495.3	51,500			51,500			105
110	81.9	494.2	50,900	43,600		50,900	43,600		110
115	81.3	493.1	50,400	43,300		50,400	43,300		115
120	80.7	491.9	49,900	42,900	37,400	49,900	42,900	37,400	120
130	79.5	489.4	48,800	42,400	36,900	48,800	42,400	36,900	130
140	78.3	486.7	47,800	41,800	36,500	47,800	41,800	36,500	140
150	77.1	483.8	46,800	41,100	36,100	46,800	41,100	36,100	150
160	75.9	480.6	45,200	40,500	35,600	45,200	40,500	35,600	160
170	74.6	477.2	43,600	39,900	35,200	43,600	39,900	35,200	170
180	73.4	473.5	42,200	39,300	34,800	42,200	39,300	34,800	180
190	72.2	469.6	40,800	38,600	34,400	40,800	38,600	34,400	190
200	70.9	465.5	39,500	38,000	34,000	39,500	38,000	34,000	200
210	69.6	461.0	38,300	37,300	33,600	38,300	37,300	33,600	210
220	68.4	456.4	37,200	36,700	33,200	37,200	36,700	33,200	220
230	67.1	451.4	36,200	35,800	32,900	36,200	35,800	32,900	230
240	65.8	446.2	35,100	34,800	32,400	35,100	34,800	32,400	240
250	64.5	440.6	34,200	33,900	32,000	34,200	33,900	32,000	250
260	63.1	434.8	33,300	33,000	31,600	33,300	33,000	31,600	260
270	61.8	428.6	32,500	32,100	28,200	32,500	32,100	31,100	270
280	60.4	422.1	31,100	26,800	22,800	31,600	31,400	30,700	280
290	59.0	415.2	25,400	21,500	17,700	30,800	30,600	30,400	290
300	57.5	408.0	20,100	16,400	13,000	30,200	29,900	29,700	300
310	56.1	400.4	15,100	11,700	8,500	29,400	29,200	29,000	310
320	54.6	392.4	10,400	7,300		28,800	28,600	28,400	320
330	53.1	383.9				28,100	27,900	27,800	330
340	51.5	375.0				27,600	27,400	27,200	340
350	49.9	365.5				27,000	26,800	26,700	350
360	48.3	355.5				26,500	26,300	26,100	360
370	46.6	344.9				26,000	25,800	25,600	370
380	44.9	333.7				25,500	25,400	25,200	380
390	43.1	321.7				25,000	24,900	24,800	390
400	41.2	308.9				24,600	24,500	24,300	400
410	39.2	295.2				24,200	24,100	23,900	410
420	37.2	280.5				23,900	23,700	23,600	420
430	35.0	264.5				23,500	23,400	23,200	430
440	32.7	246.9				23,200	23,000	22,400	440
450	30.1	227.6				22,000	21,400	19,700	450
460	27.4	205.8				19,200	18,600	17,000	460
470									470
480									480

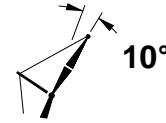
# MLC650 VPC-MAX S-2



419.9 ft



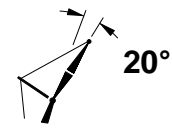
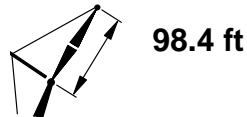
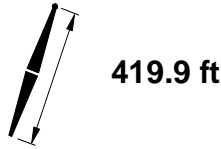
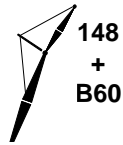
98.4 ft



10°

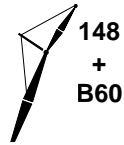
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
ft	°	ft	lb	lb	lb	lb	lb	lb	ft
90	82.8	521.5	60,700			60,700			90
95	82.2	520.7	60,100			60,100			95
100	81.7	519.8	59,500	49,000		59,500	49,000		100
105	81.1	518.8	59,000	48,600		59,000	48,600		105
110	80.5	517.8	58,400	48,200	41,300	58,400	48,200	41,300	110
115	80.0	516.7	57,900	47,800	41,000	57,900	47,800	41,000	115
120	79.4	515.6	57,300	47,500	40,700	57,300	47,500	40,700	120
130	78.3	513.2	56,200	46,700	40,200	56,200	46,700	40,200	130
140	77.1	510.7	55,200	46,000	39,700	55,200	46,000	39,700	140
150	76.0	507.8	54,100	45,300	39,100	54,100	45,300	39,100	150
160	74.8	504.8	53,100	44,600	38,600	53,100	44,600	38,600	160
170	73.7	501.6	52,000	44,000	38,100	52,000	44,000	38,100	170
180	72.5	498.1	50,900	43,300	37,600	50,900	43,300	37,600	180
190	71.3	494.4	49,800	42,700	37,100	49,800	42,700	37,100	190
200	70.1	490.5	48,700	42,100	36,700	48,700	42,100	36,700	200
210	68.9	486.3	47,700	41,500	36,200	47,700	41,500	36,200	210
220	67.7	481.8	46,700	40,900	35,800	46,700	40,900	35,800	220
230	66.5	477.2	45,700	40,200	35,300	45,700	40,200	35,300	230
240	65.3	472.2	44,700	39,600	34,900	44,700	39,600	34,900	240
250	64.0	467.0	43,800	38,300	33,000	43,800	39,000	34,500	250
260	62.7	461.5	37,100	32,000	27,200	43,000	38,300	34,000	260
270	61.5	455.7	30,800	26,100	21,700	42,200	37,700	33,600	270
280	60.2	449.6	25,000	20,700	16,600	41,400	37,100	33,300	280
290	58.9	443.2	19,600	15,600	11,800	40,500	36,400	32,800	290
300	57.5	436.4	14,500	10,800	7,300	39,700	35,900	32,400	300
310	56.2	429.3	9,800			38,700	35,300	32,100	310
320	54.8	421.8				37,600	34,700	31,700	320
330	53.4	414.0				36,600	34,200	31,200	330
340	52.0	405.7				35,700	33,700	30,800	340
350	50.5	397.0				34,800	33,100	30,400	350
360	49.0	387.9				33,900	32,700	30,000	360
370	47.5	378.2				33,100	32,200	29,600	370
380	45.9	368.0				32,300	31,800	29,300	380
390	44.2	357.3				31,600	31,300	28,900	390
400	42.6	345.8				30,900	30,600	28,600	400
410	40.8	333.7				30,200	29,900	28,300	410
420	39.0	320.8				29,000	28,200	25,900	420
430	37.1	306.9				25,900	25,200	23,000	430
440	35.2	292.1				23,100	22,400	20,300	440
450	33.1	276.0				20,300	19,600	17,700	450
460	30.8	258.5				17,600	17,000	15,200	460
470	28.4	239.2				15,000	14,500	12,800	470
480	25.8	217.7				12,300	12,000	10,500	480
490	22.9	193.1				9,200	9,600	8,300	490
500	19.5	164.0					7,300		500

# MLC650 VPC-MAX S-2

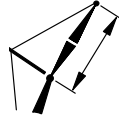


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105	82.7	515.3	51,400			51,400			105
110	82.2	514.3	50,900			50,900			110
115	81.6	513.2	50,400	43,000		50,400	43,000		115
120	81.0	512.1	49,900	42,600		49,900	42,600		120
130	79.9	509.7	48,800	42,100	36,600	48,800	42,100	36,600	130
140	78.7	507.1	47,900	41,500	36,200	47,900	41,500	36,200	140
150	77.6	504.3	46,900	41,000	35,800	46,900	41,000	35,800	150
160	76.4	501.2	45,900	40,400	35,400	45,900	40,400	35,400	160
170	75.3	497.9	44,400	39,900	35,000	44,400	39,900	35,000	170
180	74.1	494.4	42,900	39,300	34,600	42,900	39,300	34,600	180
190	72.9	490.7	41,600	38,700	34,300	41,600	38,700	34,300	190
200	71.7	486.7	40,300	38,100	33,900	40,300	38,100	33,900	200
210	70.5	482.5	39,100	37,500	33,500	39,100	37,500	33,500	210
220	69.3	478.1	38,000	36,900	33,200	38,000	36,900	33,200	220
230	68.0	473.3	36,900	36,300	32,800	36,900	36,300	32,800	230
240	66.8	468.3	35,900	35,500	32,500	35,900	35,500	32,500	240
250	65.5	463.1	35,000	34,600	32,100	35,000	34,600	32,100	250
260	64.3	457.5	34,000	33,800	31,700	34,000	33,800	31,700	260
270	63.0	451.7	33,200	31,400	26,700	33,200	32,900	31,300	270
280	61.7	445.5	30,100	25,600	21,400	32,400	32,100	31,000	280
290	60.3	439.0	24,400	20,300	16,300	31,600	31,300	30,600	290
300	59.0	432.2	19,100	15,300	11,600	30,900	30,600	30,200	300
310	57.6	425.0	14,100	10,600	7,200	30,200	29,900	29,700	310
320	56.2	417.5	9,400			29,500	29,300	29,100	320
330	54.8	409.6				28,900	28,700	28,500	330
340	53.4	401.2				28,300	28,100	27,900	340
350	51.9	392.4				27,700	27,500	27,300	350
360	50.4	383.1				27,100	27,000	26,800	360
370	48.8	373.4				26,700	26,500	26,300	370
380	47.2	363.0				26,200	26,000	25,800	380
390	45.5	352.1				25,700	25,500	25,400	390
400	43.8	340.5				25,200	25,100	24,900	400
410	42.1	328.1				24,800	24,700	24,500	410
420	40.2	315.0				24,400	24,300	24,100	420
430	38.3	300.9				24,000	23,900	23,800	430
440	36.3	285.7				23,700	23,500	21,500	440
450	34.1	269.2				21,400	20,700	18,800	450
460	31.9	251.2				18,600	17,900	16,100	460
470	29.4	231.3				15,800	15,200	13,600	470
480	26.6	208.9				13,200	12,600	11,100	480
490									490
500									500

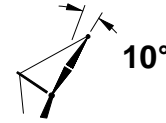
# MLC650 VPC-MAX S-2



144.4 ft



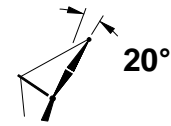
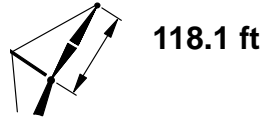
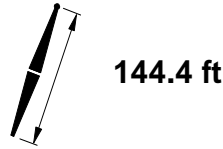
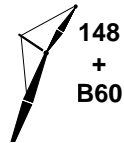
118.1 ft



10°

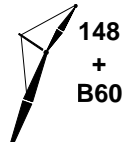
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	82.3	265.9	50,100b			50,100b			65
70	81.2	264.6	48,700b	41,400b		48,700b	41,400b		70
75	80.1	263.3	47,300	40,500	35,100b	47,300	40,500	35,100b	75
80	78.9	261.9	45,900	39,600	34,500	45,900	39,600	34,500	80
85	77.8	260.3	44,600	38,700	33,900	44,600	38,700	33,900	85
90	76.6	258.7	43,300	37,900	33,300	43,300	37,900	33,300	90
95	75.5	256.9	42,000	36,900	32,600	42,000	36,900	32,600	95
100	74.3	255.0	40,900	36,100	32,000	40,900	36,100	32,000	100
105	73.1	253.0	39,700	35,300	31,400	39,700	35,300	31,400	105
110	72.0	250.9	38,600	34,400	30,700	38,600	34,400	30,700	110
115	70.8	248.7	37,500	33,500	30,100	37,500	33,500	30,100	115
120	69.6	246.3	36,500	32,800	29,500	36,500	32,800	29,500	120
130	67.1	241.1	34,500	31,300	28,300	34,500	31,300	28,300	130
140	64.6	235.4	32,700	29,800	27,100	32,700	29,800	27,100	140
150	62.0	229.1	31,000	28,400	26,000	31,000	28,400	26,000	150
160	59.4	222.2	29,400	27,100	25,000	29,400	27,100	25,000	160
170	56.6	214.5	27,900	26,000	24,000	27,900	26,000	24,000	170
180	53.7	206.0	26,600	24,800	23,000	26,600	24,800	23,000	180
190	50.7	196.6	25,400	23,700	22,100	25,400	23,700	22,100	190
200	47.6	186.1	24,300	22,800	21,300	24,300	22,800	21,300	200
210	44.2	174.3	23,200	21,800	20,500	23,200	21,800	20,500	210
220	40.6	161.0	22,300	20,900	19,800	22,300	20,900	19,800	220
230	36.6	145.6	21,400	20,200	19,100	21,400	20,200	19,100	230
240	32.0	127.4	20,700	19,500	18,500	20,700	19,500	18,500	240
250	26.6	104.7	20,100	18,900	18,000	20,100	18,900	18,000	250
260	19.3	72.9	19,500	18,600	17,700	19,500	18,600	17,700	260

# MLC650 VPC-MAX S-2

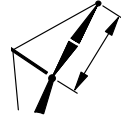


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75									75
80	82.9	258.8	40,000b			40,000b			80
85	81.7	257.3	38,900b	34,600b		38,900b	34,600b		85
90	80.6	255.6	37,800	33,800	30,300b	37,800	33,800	30,300b	90
95	79.4	253.8	36,800	33,000	29,700	36,800	33,000	29,700	95
100	78.2	251.9	35,900	32,300	29,100	35,900	32,300	29,100	100
105	77.0	249.9	34,900	31,500	28,500	34,900	31,500	28,500	105
110	75.8	247.7	34,000	30,800	28,000	34,000	30,800	28,000	110
115	74.6	245.4	33,100	30,100	27,400	33,100	30,100	27,400	115
120	73.4	243.0	32,300	29,400	26,900	32,300	29,400	26,900	120
130	70.9	237.8	30,600	28,200	25,900	30,600	28,200	25,900	130
140	68.4	232.0	28,700	27,000	24,900	28,700	27,000	24,900	140
150	65.7	225.6	27,000	25,800	23,900	27,000	25,800	23,900	150
160	63.0	218.6	25,500	24,800	23,100	25,500	24,800	23,100	160
170	60.2	210.7	24,200	23,800	22,200	24,200	23,800	22,200	170
180	57.3	202.1	22,900	22,700	21,400	22,900	22,700	21,400	180
190	54.3	192.5	21,800	21,600	20,700	21,800	21,600	20,700	190
200	51.0	181.7	20,800	20,700	20,000	20,800	20,700	20,000	200
210	47.6	169.6	19,900	19,800	19,400	19,900	19,800	19,400	210
220	43.8	155.9	19,100	19,000	18,800	19,100	19,000	18,800	220
230	39.6	139.9	18,400	18,200	18,100	18,400	18,200	18,100	230
240	34.9	120.7	17,700	17,600	17,500	17,700	17,600	17,500	240
250	29.0	96.3	17,200	17,100	17,000	17,200	17,100	17,000	250
260									260

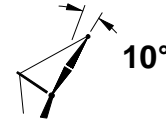
# MLC650 VPC-MAX S-2



164.0 ft



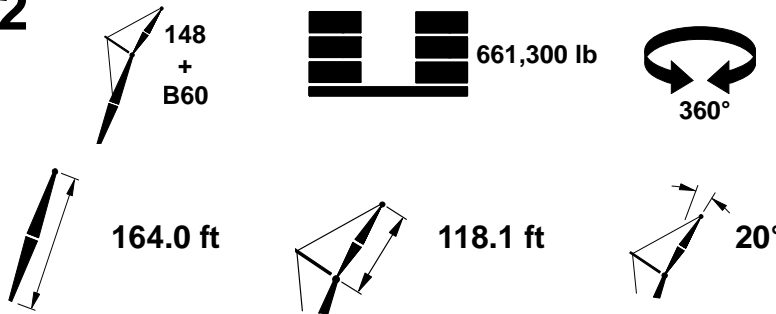
118.1 ft



10°

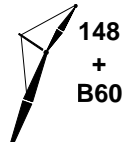
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65	82.9	285.9	50,600			50,600			65
70	81.8	284.8	49,300	41,800		49,300	41,800		70
75	80.8	283.6	48,000	41,000	35,400	48,000	41,000	35,400	75
80	79.7	282.3	46,700	40,200	34,800	46,700	40,200	34,800	80
85	78.7	280.8	45,500	39,300	34,300	45,500	39,300	34,300	85
90	77.6	279.3	44,300	38,500	33,600	44,300	38,500	33,600	90
95	76.5	277.7	43,100	37,700	33,100	43,100	37,700	33,100	95
100	75.5	275.9	42,000	36,800	32,500	42,000	36,800	32,500	100
105	74.4	274.1	40,900	36,100	31,900	40,900	36,100	31,900	105
110	73.3	272.1	39,800	35,300	31,400	39,800	35,300	31,400	110
115	72.2	270.1	38,800	34,400	30,800	38,800	34,400	30,800	115
120	71.1	267.9	37,700	33,700	30,200	37,700	33,700	30,200	120
130	68.9	263.2	35,900	32,200	29,100	35,900	32,200	29,100	130
140	66.6	258.0	34,100	30,800	28,000	34,100	30,800	28,000	140
150	64.2	252.3	32,400	29,500	26,900	32,400	29,500	26,900	150
160	61.8	246.0	30,800	28,300	25,900	30,800	28,300	25,900	160
170	59.4	239.1	29,400	27,100	25,000	29,400	27,100	25,000	170
180	56.8	231.6	28,100	26,000	24,000	28,100	26,000	24,000	180
190	54.2	223.3	26,800	25,000	23,100	26,800	25,000	23,100	190
200	51.4	214.2	25,700	24,000	22,300	25,700	24,000	22,300	200
210	48.6	204.1	24,600	23,000	21,500	24,600	23,000	21,500	210
220	45.5	193.0	23,600	22,100	20,800	23,600	22,100	20,800	220
230	42.3	180.5	22,700	21,300	20,100	22,700	21,300	20,100	230
240	38.8	166.4	21,900	20,600	19,400	21,900	20,600	19,400	240
250	34.9	150.2	21,100	19,900	18,800	21,100	19,900	18,800	250
260	30.5	131.1	20,500	19,300	18,300	20,500	19,300	18,300	260
270	25.2	107.2	20,000	18,900	17,900	20,000	18,900	17,900	270
280	18.1	73.5	19,300	18,500	17,600	19,300	18,500	17,600	280

# MLC650 VPC-MAX S-2

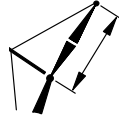


			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
65									65
70									70
75									75
80									80
85	82.4	277.6	39,400			39,400			85
90	81.3	276.1	38,400	34,200		38,400	34,200		90
95	80.2	274.4	37,500	33,400	30,000	37,500	33,400	30,000	95
100	79.1	272.7	36,500	32,800	29,400	36,500	32,800	29,400	100
105	78.0	270.8	35,700	32,100	29,000	35,700	32,100	29,000	105
110	76.9	268.8	34,800	31,400	28,400	34,800	31,400	28,400	110
115	75.8	266.7	33,900	30,700	27,900	33,900	30,700	27,900	115
120	74.7	264.5	33,100	30,100	27,400	33,100	30,100	27,400	120
130	72.4	259.8	31,600	28,900	26,400	31,600	28,900	26,400	130
140	70.1	254.5	29,900	27,700	25,500	29,900	27,700	25,500	140
150	67.7	248.7	28,200	26,600	24,500	28,200	26,600	24,500	150
160	65.3	242.3	26,700	25,700	23,700	26,700	25,700	23,700	160
170	62.8	235.3	25,400	24,700	22,900	25,400	24,700	22,900	170
180	60.2	227.6	24,200	23,800	22,200	24,200	23,800	22,200	180
190	57.5	219.2	23,000	22,800	21,500	23,000	22,800	21,500	190
200	54.7	209.9	22,000	21,800	20,800	22,000	21,800	20,800	200
210	51.7	199.6	21,000	20,900	20,200	21,000	20,900	20,200	210
220	48.6	188.2	20,200	20,000	19,500	20,200	20,000	19,500	220
230	45.3	175.4	19,400	19,300	19,000	19,400	19,300	19,000	230
240	41.7	160.8	18,700	18,600	18,500	18,700	18,600	18,500	240
250	37.6	143.9	18,100	18,000	17,900	18,100	18,000	17,900	250
260	33.0	123.7	17,500	17,400	17,300	17,500	17,400	17,300	260
270	27.3	97.8	17,100	17,000	16,900	17,100	17,000	16,900	270
280									280

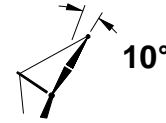
# MLC650 VPC-MAX S-2



183.7 ft



118.1 ft

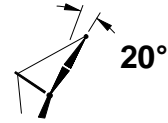
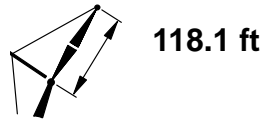
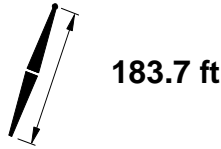
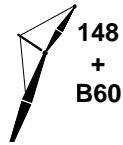


10°

			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70	82.4	304.9	49,900			49,900			70
75	81.4	303.8	48,700			48,700			75
80	80.4	302.5	47,500			47,500			80
85	79.4	301.2	46,300			46,300			85
90	78.5	299.8	45,200			45,200			90
95	77.5	298.3	44,100			44,100			95
100	76.5	296.7	43,000			43,000			100
105	75.5	295.0	41,900			41,900			105
110	74.5	293.2	40,900			40,900			110
115	73.4	291.3	39,900			39,900			115
120	72.4	289.2	39,000			39,000			120
130	70.3	284.9	37,100			37,100			130
140	68.2	280.1	35,300			35,300			140
150	66.1	274.9	33,700			33,700			150
160	63.9	269.2	32,200			32,200			160
170	61.7	262.9	30,700			30,700			170
180	59.4	256.1	29,400			29,400			180
190	57.0	248.7	28,100			28,100			190
200	54.6	240.6	27,000			27,000			200
210	52.0	231.7	25,900			25,900			210
220	49.4	222.0	24,900			24,900			220
230	46.6	211.4	23,900			23,900			230
240	43.7	199.6	23,100			23,100			240
250	40.5	186.4	22,300			22,300			250
260	37.1	171.6	21,600			21,600			260
270	33.4	154.6	20,900			20,900			270
280	29.1	134.5	20,300			20,300			280
290	24.0	109.5	19,800			19,800			290

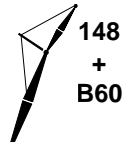


# MLC650 VPC-MAX S-2

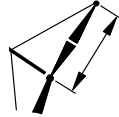


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85	82.9	297.9	39,900			39,900			85
90	81.9	296.4	38,900	34,600		38,900	34,600		90
95	80.9	294.9	38,000	33,800	30,300	38,000	33,800	30,300	95
100	79.9	293.3	37,100	33,200	29,700	37,100	33,200	29,700	100
105	78.8	291.5	36,300	32,600	29,300	36,300	32,600	29,300	105
110	77.8	289.7	35,500	31,900	28,800	35,500	31,900	28,800	110
115	76.8	287.8	34,600	31,300	28,300	34,600	31,300	28,300	115
120	75.8	285.7	33,800	30,700	27,900	33,800	30,700	27,900	120
130	73.7	281.4	32,400	29,600	26,900	32,400	29,600	26,900	130
140	71.5	276.5	31,000	28,400	26,000	31,000	28,400	26,000	140
150	69.4	271.2	29,300	27,400	25,200	29,300	27,400	25,200	150
160	67.1	265.4	27,900	26,400	24,300	27,900	26,400	24,300	160
170	64.9	259.0	26,500	25,500	23,500	26,500	25,500	23,500	170
180	62.5	252.1	25,300	24,600	22,800	25,300	24,600	22,800	180
190	60.1	244.6	24,100	23,700	22,200	24,100	23,700	22,200	190
200	57.6	236.3	23,000	22,900	21,500	23,000	22,900	21,500	200
210	55.1	227.3	22,100	22,000	20,900	22,100	22,000	20,900	210
220	52.4	217.4	21,200	21,100	20,200	21,200	21,100	20,200	220
230	49.5	206.5	20,400	20,300	19,700	20,400	20,300	19,700	230
240	46.5	194.4	19,700	19,500	19,200	19,700	19,500	19,200	240
250	43.3	180.8	19,000	18,900	18,800	19,000	18,900	18,800	250
260	39.8	165.5	18,400	18,300	18,200	18,400	18,300	18,200	260
270	35.8	147.8	17,900	17,700	17,600	17,900	17,700	17,600	270
280	31.3	126.5	17,400	17,300	17,200	17,400	17,300	17,200	280
290									290

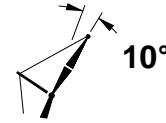
# MLC650 VPC-MAX S-2



203.4 ft



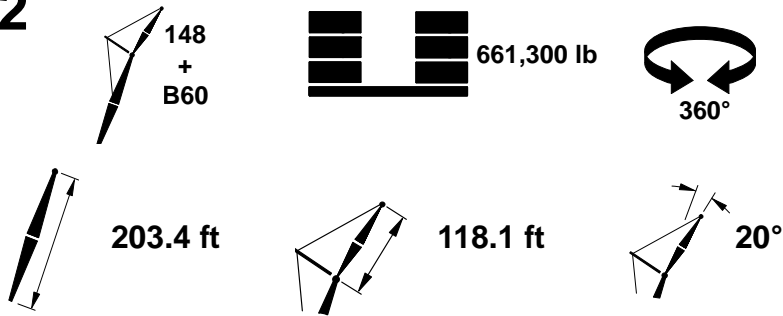
118.1 ft



10°

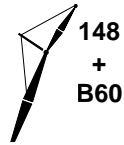
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.8	325.0	50,400			50,400			70
75	81.9	323.9	49,200			49,200			75
80	81.0	322.8	48,100			48,100			80
85	80.1	321.5	47,000			47,000			85
90	79.2	320.2	45,900			45,900			90
95	78.3	318.8	44,900			44,900			95
100	77.3	317.3	43,800			43,800			100
105	76.4	315.7	42,800			42,800			105
110	75.4	314.0	41,800			41,800			110
115	74.5	312.2	40,900			40,900			115
120	73.6	310.4	39,900			39,900			120
130	71.6	306.3	38,100			38,100			130
140	69.7	301.9	36,500			36,500			140
150	67.7	297.1	34,900			34,900			150
160	65.7	291.8	33,400			33,400			160
170	63.6	286.1	32,000			32,000			170
180	61.5	279.8	30,700			30,700			180
190	59.4	273.1	29,300			29,300			190
200	57.2	265.7	28,200			28,200			200
210	54.9	257.8	27,100			27,100			210
220	52.5	249.1	26,100			26,100			220
230	50.1	239.7	25,100			25,100			230
240	47.5	229.5	24,300			24,300			240
250	44.9	218.3	23,400			23,400			250
260	42.0	205.9	22,600			22,600			260
270	39.0	192.1	21,900			21,900			270
280	35.7	176.6	21,300			21,300			280
290	32.1	158.8	20,700			20,700			290
300	27.9	137.8	20,200			20,200			300
310	22.9	111.6	19,700			19,700			310

# MLC650 VPC-MAX S-2

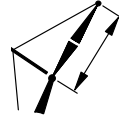


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85									85
90	82.4	316.7	39,300			39,300			90
95	81.5	315.3	38,400	34,100		38,400	34,100		95
100	80.5	313.7	37,600	33,500	30,000	37,600	33,500	30,000	100
105	79.6	312.1	36,800	33,000	29,600	36,800	33,000	29,600	105
110	78.6	310.4	36,000	32,400	29,100	36,000	32,400	29,100	110
115	77.7	308.6	35,300	31,800	28,600	35,300	31,800	28,600	115
120	76.7	306.7	34,500	31,200	28,200	34,500	31,200	28,200	120
130	74.8	302.7	33,100	30,100	27,300	33,100	30,100	27,300	130
140	72.8	298.2	31,800	29,100	26,500	31,800	29,100	26,500	140
150	70.8	293.3	30,400	28,000	25,700	30,400	28,000	25,700	150
160	68.7	287.9	28,900	27,100	24,900	28,900	27,100	24,900	160
170	66.6	282.1	27,500	26,200	24,100	27,500	26,200	24,100	170
180	64.5	275.8	26,300	25,300	23,400	26,300	25,300	23,400	180
190	62.3	268.9	25,100	24,500	22,700	25,100	24,500	22,700	190
200	60.1	261.5	24,100	23,700	22,100	24,100	23,700	22,100	200
210	57.8	253.4	23,100	22,900	21,400	23,100	22,900	21,400	210
220	55.4	244.6	22,200	22,100	20,900	22,200	22,100	20,900	220
230	52.9	235.0	21,400	21,200	20,400	21,400	21,200	20,400	230
240	50.3	224.5	20,600	20,500	19,900	20,600	20,500	19,900	240
250	47.5	213.0	19,900	19,800	19,300	19,900	19,800	19,300	250
260	44.6	200.3	19,300	19,100	18,900	19,300	19,100	18,900	260
270	41.5	186.1	18,700	18,600	18,500	18,700	18,600	18,500	270
280	38.1	170.0	18,100	18,000	17,900	18,100	18,000	17,900	280
290	34.2	151.4	17,700	17,600	17,500	17,700	17,600	17,500	290
300	29.8	129.1	17,300	17,200	17,100	17,300	17,200	17,100	300
310									310

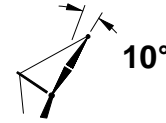
# MLC650 VPC-MAX S-2



223.1 ft



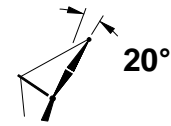
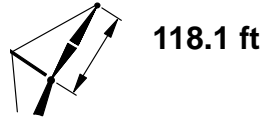
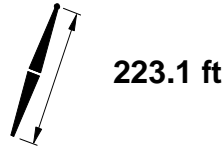
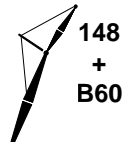
118.1 ft



10°

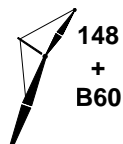
			38.7 ft			60.0 ft			
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75	82.4	344.0	49,600			49,600			75
80	81.6	342.9	48,500			48,500			80
85	80.7	341.7	47,600			47,600			85
90	79.8	340.5	46,500			46,500			90
95	79.0	339.2	45,500			45,500			95
100	78.1	337.8	44,500			44,500			100
105	77.2	336.3	43,600			43,600			105
110	76.3	334.7	42,700			42,700			110
115	75.4	333.0	41,800			41,800			115
120	74.5	331.3	40,800			40,800			120
130	72.8	327.5	39,100			39,100			130
140	70.9	323.4	37,500			37,500			140
150	69.1	318.9	35,900			35,900			150
160	67.2	314.0	34,500			34,500			160
170	65.3	308.7	33,100			33,100			170
180	63.4	302.9	31,800			31,800			180
190	61.4	296.7	30,500			30,500			190
200	59.4	290.0	29,300			29,300			200
210	57.3	282.8	28,300			28,300			210
220	55.2	275.0	27,300			27,300			220
230	53.0	266.5	26,300			26,300			230
240	50.7	257.4	25,400			25,400			240
250	48.3	247.5	24,500			24,500			250
260	45.9	236.7	23,700			23,700			260
270	43.3	224.9	22,900			22,900			270
280	40.5	211.9	22,300			22,300			280
290	37.6	197.5	21,600			21,600			290
300	34.4	181.4	21,000			21,000			300
310	30.8	162.8	20,500			20,500			310
320	26.8	140.9	20,100			20,100			320
330	21.9	113.6	19,600			19,600			330

# MLC650 VPC-MAX S-2

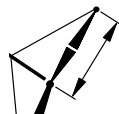


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.9	336.9	39,600			39,600			90
95	82.0	335.6	38,900	34,400		38,900	34,400		95
100	81.1	334.1	38,000	33,900		38,000	33,900		100
105	80.2	332.6	37,300	33,200	29,700	37,300	33,200	29,700	105
110	79.3	331.0	36,500	32,700	29,300	36,500	32,700	29,300	110
115	78.4	329.4	35,800	32,100	28,900	35,800	32,100	28,900	115
120	77.5	327.6	35,100	31,600	28,500	35,100	31,600	28,500	120
130	75.7	323.8	33,800	30,500	27,700	33,800	30,500	27,700	130
140	73.9	319.6	32,500	29,500	26,800	32,500	29,500	26,800	140
150	72.0	315.0	31,200	28,600	26,100	31,200	28,600	26,100	150
160	70.1	310.1	29,900	27,700	25,400	29,900	27,700	25,400	160
170	68.2	304.7	28,500	26,800	24,600	28,500	26,800	24,600	170
180	66.2	298.9	27,200	26,000	23,900	27,200	26,000	23,900	180
190	64.2	292.6	26,100	25,200	23,300	26,100	25,200	23,300	190
200	62.2	285.8	25,000	24,400	22,700	25,000	24,400	22,700	200
210	60.0	278.4	24,100	23,700	22,100	24,100	23,700	22,100	210
220	57.9	270.5	23,100	23,000	21,500	23,100	23,000	21,500	220
230	55.6	261.9	22,300	22,100	20,900	22,300	22,100	20,900	230
240	53.3	252.5	21,500	21,400	20,400	21,500	21,400	20,400	240
250	50.9	242.4	20,800	20,700	20,000	20,800	20,700	20,000	250
260	48.4	231.4	20,100	20,000	19,500	20,100	20,000	19,500	260
270	45.7	219.3	19,500	19,300	19,000	19,500	19,300	19,000	270
280	42.9	206.0	18,900	18,800	18,700	18,900	18,800	18,700	280
290	39.8	191.1	18,400	18,300	18,200	18,400	18,300	18,200	290
300	36.5	174.3	17,900	17,800	17,700	17,900	17,800	17,700	300
310	32.8	154.9	17,500	17,400	17,300	17,500	17,400	17,300	310
320	28.5	131.6	17,200	17,100	16,900	17,200	17,100	16,900	320
330									330

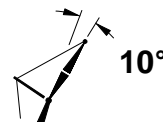
# MLC650 VPC-MAX S-2



242.8 ft



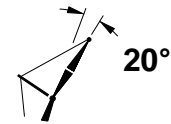
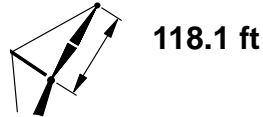
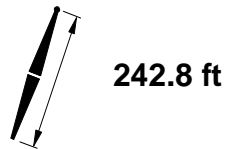
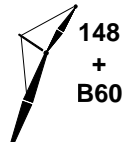
118.1 ft



10°

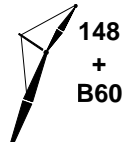
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
75	82.8	364.0	49,900			49,900			75
80	82.0	363.0	49,000			49,000			80
85	81.2	361.9	48,000	40,600		48,000	40,600		85
90	80.4	360.7	47,100	40,000	34,600	47,100	40,000	34,600	90
95	79.6	359.5	46,100	39,400	34,100	46,100	39,400	34,100	95
100	78.8	358.2	45,200	38,800	33,700	45,200	38,800	33,700	100
105	77.9	356.8	44,200	38,200	33,200	44,200	38,200	33,200	105
110	77.1	355.3	43,400	37,600	32,900	43,400	37,600	32,900	110
115	76.3	353.7	42,500	37,000	32,400	42,500	37,000	32,400	115
120	75.4	352.1	41,700	36,300	32,000	41,700	36,300	32,000	120
130	73.7	348.5	40,000	35,200	31,200	40,000	35,200	31,200	130
140	72.0	344.7	38,400	34,000	30,300	38,400	34,000	30,300	140
150	70.3	340.5	36,900	32,900	29,500	36,900	32,900	29,500	150
160	68.6	335.9	35,500	31,800	28,600	35,500	31,800	28,600	160
170	66.8	330.9	34,100	30,800	27,800	34,100	30,800	27,800	170
180	65.0	325.6	32,900	29,800	27,000	32,900	29,800	27,000	180
190	63.2	319.8	31,600	28,800	26,200	31,600	28,800	26,200	190
200	61.3	313.6	30,400	27,900	25,500	30,400	27,900	25,500	200
210	59.4	307.0	29,300	27,000	24,800	29,300	27,000	24,800	210
220	57.4	299.8	28,300	26,100	24,100	28,300	26,100	24,100	220
230	55.4	292.1	27,300	25,300	23,400	27,300	25,300	23,400	230
240	53.4	283.8	26,500	24,500	22,800	26,500	24,500	22,800	240
250	51.2	274.9	25,600	23,800	22,100	25,600	23,800	22,100	250
260	49.0	265.3	24,700	23,100	21,600	24,700	23,100	21,600	260
270	46.7	254.9	23,900	22,500	21,000	23,900	22,500	21,000	270
280	44.3	243.6	23,300	21,800	20,500	23,300	21,800	20,500	280
290	41.8	231.3	22,600	21,200	19,900	22,600	21,200	19,900	290
300	39.1	217.7	22,000	20,700	19,500	22,000	20,700	19,500	300
310	36.3	202.7	21,400	20,100	19,000	21,400	20,100	19,000	310
320	33.2	185.9	20,800	19,600	18,500	20,800	19,600	18,500	320
330	29.7	166.6	20,400	19,200	18,200	20,400	19,200	18,200	330
340	25.8	143.9	19,900	18,800	17,900	19,900	18,800	17,900	340
350	21.0	115.4	16,800	16,000	15,200	19,600	18,600	17,600	350

# MLC650 VPC-MAX S-2

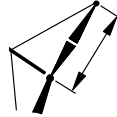


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.4	355.8	39,200			39,200			90
95									95
100	81.6	354.4	38,400	34,100		38,400	34,100		100
105	80.8	353.0	37,700	33,500	29,900	37,700	33,500	29,900	105
110	79.9	351.5	37,000	33,000	29,500	37,000	33,000	29,500	110
115	79.1	349.9	36,300	32,500	29,100	36,300	32,500	29,100	115
120	78.2	348.3	35,600	31,900	28,700	35,600	31,900	28,700	120
130	76.5	344.7	34,300	30,900	27,900	34,300	30,900	27,900	130
140	74.8	340.8	33,100	30,000	27,200	33,100	30,000	27,200	140
150	73.1	336.5	31,900	29,100	26,500	31,900	29,100	26,500	150
160	71.3	331.9	30,800	28,200	25,800	30,800	28,200	25,800	160
170	69.5	326.9	29,400	27,300	25,100	29,400	27,300	25,100	170
180	67.7	321.5	28,200	26,500	24,400	28,200	26,500	24,400	180
190	65.8	315.6	27,100	25,700	23,800	27,100	25,700	23,800	190
200	63.9	309.4	25,900	25,000	23,200	25,900	25,000	23,200	200
210	62.0	302.6	25,000	24,300	22,600	25,000	24,300	22,600	210
220	60.0	295.3	24,100	23,700	22,000	24,100	23,700	22,000	220
230	58.0	287.5	23,200	23,000	21,500	23,200	23,000	21,500	230
240	55.9	279.1	22,400	22,200	21,000	22,400	22,200	21,000	240
250	53.7	270.0	21,700	21,500	20,500	21,700	21,500	20,500	250
260	51.5	260.2	21,000	20,800	20,000	21,000	20,800	20,000	260
270	49.1	249.6	20,300	20,200	19,600	20,300	20,200	19,600	270
280	46.7	238.0	19,700	19,600	19,200	19,700	19,600	19,200	280
290	44.1	225.4	19,200	19,000	18,800	19,200	19,000	18,800	290
300	41.3	211.4	18,700	18,500	18,400	18,700	18,500	18,400	300
310	38.4	195.9	18,200	18,100	17,900	18,200	18,100	17,900	310
320	35.1	178.4	17,700	17,600	17,500	17,700	17,600	17,500	320
330	31.5	158.2	17,400	17,300	17,200	17,400	17,300	17,200	330
340	27.3	133.9	17,100	17,000	16,900	17,100	17,000	16,900	340
350									350

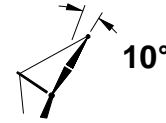
# MLC650 VPC-MAX S-2



262.5 ft



118.1 ft

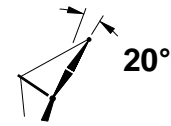
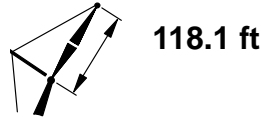
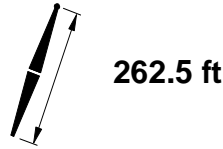
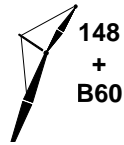


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.4	383.1	49,300			49,300			80
85	81.7	382.0	48,400	40,700		48,400	40,700		85
90	80.9	380.9	47,500	40,200	34,600	47,500	40,200	34,600	90
95	80.1	379.7	46,600	39,600	34,200	46,600	39,600	34,200	95
100	79.4	378.5	45,700	39,100	33,800	45,700	39,100	33,800	100
105	78.6	377.2	44,900	38,500	33,400	44,900	38,500	33,400	105
110	77.8	375.8	44,000	37,900	33,000	44,000	37,900	33,000	110
115	77.0	374.3	43,100	37,300	32,600	43,100	37,300	32,600	115
120	76.2	372.7	42,400	36,800	32,200	42,400	36,800	32,200	120
130	74.6	369.4	40,800	35,700	31,400	40,800	35,700	31,400	130
140	73.0	365.8	39,200	34,600	30,600	39,200	34,600	30,600	140
150	71.4	361.8	37,700	33,600	29,900	37,700	33,600	29,900	150
160	69.8	357.5	36,400	32,500	29,100	36,400	32,500	29,100	160
170	68.1	352.9	35,100	31,500	28,300	35,100	31,500	28,300	170
180	66.4	347.9	33,800	30,500	27,600	33,800	30,500	27,600	180
190	64.7	342.5	32,700	29,500	26,800	32,700	29,500	26,800	190
200	63.0	336.7	31,500	28,700	26,100	31,500	28,700	26,100	200
210	61.2	330.6	30,400	27,800	25,400	30,400	27,800	25,400	210
220	59.4	323.9	29,400	26,900	24,700	29,400	26,900	24,700	220
230	57.5	316.8	28,400	26,200	24,000	28,400	26,200	24,000	230
240	55.7	309.2	27,400	25,400	23,400	27,400	25,400	23,400	240
250	53.7	301.1	26,500	24,700	22,800	26,500	24,700	22,800	250
260	51.7	292.4	25,700	24,000	22,200	25,700	24,000	22,200	260
270	49.6	283.0	25,000	23,300	21,700	25,000	23,300	21,700	270
280	47.5	272.9	24,200	22,600	21,100	24,200	22,600	21,100	280
290	45.3	262.0	23,500	22,000	20,600	23,500	22,000	20,600	290
300	43.0	250.3	22,800	21,400	20,100	22,800	21,400	20,100	300
310	40.5	237.4	22,300	20,900	19,600	22,300	20,900	19,600	310
320	37.9	223.3	21,700	20,400	19,300	21,700	20,400	19,300	320
330	35.1	207.7	21,100	19,900	18,800	21,100	19,900	18,800	330
340	32.1	190.3	18,100	16,800	15,600	20,700	19,500	18,400	340
350	28.7	170.3	14,500	13,400	12,300	20,200	19,100	18,100	350
360	24.8	146.7	11,000	10,000	9,100	19,900	18,800	17,800	360
370	20.1	117.1	7,500	6,700		19,500	18,600	17,600	370

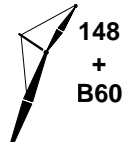


# MLC650 VPC-MAX S-2

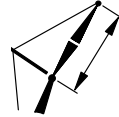


ft	ft	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95	82.8	375.9	39,500			39,500			95
100	82.1	374.7	38,700			38,700			100
105	81.3	373.3	38,100			38,100			105
110	80.5	371.9	37,300	33,700		37,300	33,700		110
115	79.7	370.4	36,700	32,700	29,600	36,700	32,700	29,600	115
120	78.9	368.9	36,100	32,300	28,900	36,100	32,300	28,900	120
130	77.3	365.5	34,900	31,300	28,200	34,900	31,300	28,200	130
140	75.7	361.8	33,700	30,300	27,500	33,700	30,300	27,500	140
150	74.0	357.8	32,500	29,500	26,700	32,500	29,500	26,700	150
160	72.4	353.5	31,500	28,600	26,100	31,500	28,600	26,100	160
170	70.7	348.8	30,300	27,900	25,400	30,300	27,900	25,400	170
180	69.0	343.7	29,000	27,000	24,800	29,000	27,000	24,800	180
190	67.2	338.3	27,900	26,300	24,200	27,900	26,300	24,200	190
200	65.5	332.4	26,800	25,600	23,600	26,800	25,600	23,600	200
210	63.7	326.2	25,800	24,900	23,100	25,800	24,900	23,100	210
220	61.9	319.5	24,900	24,200	22,500	24,900	24,200	22,500	220
230	60.0	312.3	24,100	23,600	22,000	24,100	23,600	22,000	230
240	58.1	304.5	23,300	23,000	21,500	23,300	23,000	21,500	240
250	56.1	296.3	22,500	22,300	21,000	22,500	22,300	21,000	250
260	54.0	287.4	21,800	21,600	20,600	21,800	21,600	20,600	260
270	51.9	277.9	21,100	21,000	20,100	21,100	21,000	20,100	270
280	49.8	267.6	20,500	20,400	19,700	20,500	20,400	19,700	280
290	47.5	256.4	19,900	19,800	19,300	19,900	19,800	19,300	290
300	45.1	244.4	19,400	19,300	19,000	19,400	19,300	19,000	300
310	42.6	231.2	18,900	18,800	18,600	18,900	18,800	18,600	310
320	39.9	216.7	18,400	18,300	18,200	18,400	18,300	18,200	320
330	37.0	200.6	18,000	17,900	17,800	18,000	17,900	17,800	330
340	33.9	182.3	17,600	17,500	17,100	17,600	17,500	17,400	340
350	30.3	161.3	15,800	14,600	13,500	17,300	17,200	17,100	350
360									360
370									370

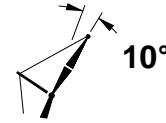
# MLC650 VPC-MAX S-2



282.2 ft



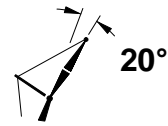
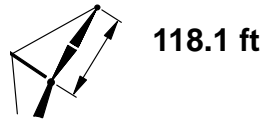
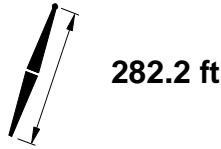
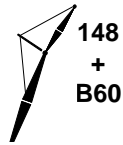
118.1 ft



10°

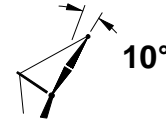
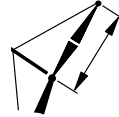
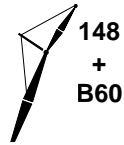
ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	82.8	403.1	49,500			49,500			80
85	82.1	402.1	48,700			48,700			85
90	81.4	401.0	47,800	40,300		47,800	40,300		90
95	80.6	399.9	47,000	39,800	34,200	47,000	39,800	34,200	95
100	79.9	398.7	46,200	39,200	33,800	46,200	39,200	33,800	100
105	79.1	397.5	45,300	38,700	33,500	45,300	38,700	33,500	105
110	78.4	396.1	44,500	38,200	33,100	44,500	38,200	33,100	110
115	77.7	394.8	43,800	37,700	32,700	43,800	37,700	32,700	115
120	76.9	393.3	42,900	37,100	32,300	42,900	37,100	32,300	120
130	75.4	390.1	41,400	36,100	31,700	41,400	36,100	31,700	130
140	73.9	386.7	40,000	35,000	30,900	40,000	35,000	30,900	140
150	72.4	383.0	38,500	34,100	30,200	38,500	34,100	30,200	150
160	70.8	378.9	37,200	33,000	29,400	37,200	33,000	29,400	160
170	69.3	374.6	35,900	32,000	28,700	35,900	32,000	28,700	170
180	67.7	369.9	34,700	31,100	27,900	34,700	31,100	27,900	180
190	66.1	364.8	33,600	30,200	27,300	33,600	30,200	27,300	190
200	64.4	359.4	32,500	29,300	26,600	32,500	29,300	26,600	200
210	62.8	353.6	31,300	28,500	25,900	31,300	28,500	25,900	210
220	61.1	347.5	30,300	27,700	25,300	30,300	27,700	25,300	220
230	59.4	340.9	29,400	26,900	24,600	29,400	26,900	24,600	230
240	57.6	333.9	28,400	26,100	24,000	28,400	26,100	24,000	240
250	55.9	326.4	27,500	25,400	23,400	27,500	25,400	23,400	250
260	54.0	318.3	26,700	24,800	22,800	26,700	24,800	22,800	260
270	52.1	309.8	25,900	24,100	22,300	25,900	24,100	22,300	270
280	50.2	300.6	25,200	23,400	21,800	25,200	23,400	21,800	280
290	48.2	290.8	24,500	22,800	21,200	24,500	22,800	21,200	290
300	46.1	280.3	23,800	22,200	20,800	23,800	22,200	20,800	300
310	43.9	269.0	23,200	21,700	20,300	23,200	21,700	20,300	310
320	41.7	256.7	22,500	21,100	19,900	22,500	21,100	19,900	320
330	39.3	243.3	22,000	20,700	19,400	22,000	20,700	19,400	330
340	36.7	228.7	19,200	17,700	16,200	21,500	20,200	19,100	340
350	34.0	212.6	15,500	14,100	12,800	21,000	19,700	18,600	350
360	31.1	194.5	12,000	10,800	9,600	20,500	19,300	18,300	360
370	27.8	173.8	8,600	7,500	6,500	20,200	19,000	18,000	370
380	24.0	149.3				19,800	18,800	17,800	380
390	19.3	118.6				19,400	18,500	17,600	390

# MLC650 VPC-MAX S-2



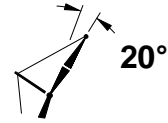
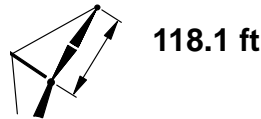
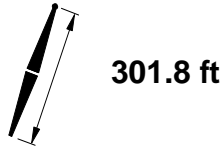
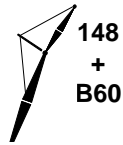
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95									95
100	82.5	394.9	39,000			39,000			100
105	81.7	393.6	38,400	33,900		38,400	33,900		105
110	81.0	392.2	37,800	33,400	29,700	37,800	33,400	29,700	110
115	80.2	390.8	37,100	32,900	29,400	37,100	32,900	29,400	115
120	79.5	389.4	36,500	32,500	29,100	36,500	32,500	29,100	120
130	77.9	386.2	35,200	31,600	28,300	35,200	31,600	28,300	130
140	76.4	382.7	34,100	30,700	27,600	34,100	30,700	27,600	140
150	74.9	378.9	33,000	29,900	27,000	33,000	29,900	27,000	150
160	73.3	374.8	32,000	29,100	26,400	32,000	29,100	26,400	160
170	71.7	370.4	31,000	28,300	25,800	31,000	28,300	25,800	170
180	70.1	365.7	29,900	27,500	25,200	29,900	27,500	25,200	180
190	68.5	360.6	28,700	26,800	24,600	28,700	26,800	24,600	190
200	66.8	355.1	27,600	26,100	24,000	27,600	26,100	24,000	200
210	65.2	349.2	26,700	25,400	23,400	26,700	25,400	23,400	210
220	63.5	343.0	25,800	24,800	22,900	25,800	24,800	22,900	220
230	61.7	336.3	24,900	24,200	22,400	24,900	24,200	22,400	230
240	60.0	329.2	24,100	23,600	21,900	24,100	23,600	21,900	240
250	58.1	321.6	23,300	23,000	21,400	23,300	23,000	21,400	250
260	56.3	313.4	22,600	22,400	21,000	22,600	22,400	21,000	260
270	54.4	304.7	21,900	21,700	20,600	21,900	21,700	20,600	270
280	52.4	295.4	21,300	21,100	20,200	21,300	21,100	20,200	280
290	50.3	285.4	20,700	20,500	19,800	20,700	20,500	19,800	290
300	48.2	274.7	20,100	20,000	19,400	20,100	20,000	19,400	300
310	46.0	263.1	19,600	19,400	19,100	19,600	19,400	19,100	310
320	43.7	250.5	19,100	18,900	18,700	19,100	18,900	18,700	320
330	41.2	236.8	18,700	18,500	18,400	18,700	18,500	18,400	330
340	38.6	221.7	18,300	18,100	18,000	18,300	18,100	18,000	340
350	35.8	205.0	17,400	16,000	14,600	17,900	17,700	17,600	350
360	32.7	186.1	13,600	12,300	11,100	17,600	17,400	17,300	360
370	29.2	164.3	9,800	8,700	7,600	17,300	17,100	17,000	370
380									380
390									390

# MLC650 VPC-MAX S-2



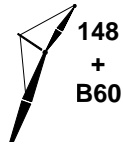
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.5	422.1	48,900			48,900			85
90	81.8	421.1	48,100	40,300		48,100	40,300		90
95	81.1	420.1	47,300	39,800		47,300	39,800		95
100	80.4	418.9	46,600	39,400	33,800	46,600	39,400	33,800	100
105	79.7	417.7	45,700	38,800	33,500	45,700	38,800	33,500	105
110	79.0	416.5	45,000	38,400	33,100	45,000	38,400	33,100	110
115	78.3	415.2	44,300	37,900	32,800	44,300	37,900	32,800	115
120	77.6	413.8	43,500	37,400	32,500	43,500	37,400	32,500	120
130	76.1	410.8	42,100	36,400	31,800	42,100	36,400	31,800	130
140	74.7	407.5	40,600	35,400	31,100	40,600	35,400	31,100	140
150	73.2	404.0	39,300	34,500	30,400	39,300	34,500	30,400	150
160	71.8	400.1	38,000	33,500	29,700	38,000	33,500	29,700	160
170	70.3	396.0	36,800	32,600	29,000	36,800	32,600	29,000	170
180	68.8	391.6	35,500	31,700	28,400	35,500	31,700	28,400	180
190	67.3	386.8	34,400	30,900	27,700	34,400	30,900	27,700	190
200	65.8	381.8	33,300	30,000	27,100	33,300	30,000	27,100	200
210	64.2	376.3	32,200	29,200	26,400	32,200	29,200	26,400	210
220	62.6	370.6	31,200	28,400	25,700	31,200	28,400	25,700	220
230	61.0	364.4	30,300	27,600	25,100	30,300	27,600	25,100	230
240	59.4	357.8	29,300	26,900	24,600	29,300	26,900	24,600	240
250	57.7	350.9	28,500	26,200	24,000	28,500	26,200	24,000	250
260	56.0	343.5	27,600	25,500	23,500	27,600	25,500	23,500	260
270	54.3	335.6	26,800	24,800	22,900	26,800	24,800	22,900	270
280	52.5	327.2	26,100	24,200	22,300	26,100	24,200	22,300	280
290	50.7	318.2	25,300	23,600	21,900	25,300	23,600	21,900	290
300	48.8	308.6	24,600	23,000	21,400	24,600	23,000	21,400	300
310	46.8	298.4	24,000	22,400	20,900	24,000	22,400	20,900	310
320	44.8	287.4	23,400	21,900	20,400	23,400	21,900	20,500	320
330	42.7	275.6	20,200	18,200	16,400	22,800	21,400	20,000	330
340	40.5	262.9	16,300	14,600	12,900	22,300	20,900	19,600	340
350	38.2	249.1	12,700	11,100	9,500	21,800	20,400	19,200	350
360	35.7	233.9	9,200	7,700		21,200	20,000	18,900	360
370	33.0	217.2				20,800	19,600	18,500	370
380	30.1	198.5				20,400	19,300	18,200	380
390	26.9	177.1				20,000	18,900	17,900	390
400	23.2	151.8				19,700	18,600	17,700	400
410	18.6	120.0				19,400	18,500	17,600	410

# MLC650 VPC-MAX S-2

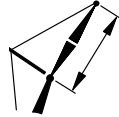


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100	82.8	415.0	39,300			39,300			100
105	82.1	413.8	38,600			38,600			105
110	81.4	412.5	38,000	33,600		38,000	33,600		110
115	80.7	411.2	37,400	33,100	29,400	37,400	33,100	29,400	115
120	80.0	409.8	36,800	32,600	29,100	36,800	32,600	29,100	120
130	78.5	406.7	35,700	31,800	28,400	35,700	31,800	28,400	130
140	77.1	403.5	34,600	31,000	27,800	34,600	31,000	27,800	140
150	75.6	399.9	33,600	30,200	27,200	33,600	30,200	27,200	150
160	74.1	396.0	32,500	29,400	26,600	32,500	29,400	26,600	160
170	72.7	391.8	31,600	28,700	26,000	31,600	28,700	26,000	170
180	71.1	387.4	30,700	28,000	25,400	30,700	28,000	25,400	180
190	69.6	382.6	29,600	27,200	24,900	29,600	27,200	24,900	190
200	68.1	377.4	28,500	26,500	24,400	28,500	26,500	24,400	200
210	66.5	371.9	27,500	25,900	23,800	27,500	25,900	23,800	210
220	64.9	366.1	26,500	25,300	23,300	26,500	25,300	23,300	220
230	63.3	359.8	25,600	24,700	22,800	25,600	24,700	22,800	230
240	61.6	353.2	24,900	24,100	22,300	24,900	24,100	22,300	240
250	59.9	346.1	24,100	23,500	21,900	24,100	23,500	21,900	250
260	58.2	338.6	23,300	23,000	21,500	23,300	23,000	21,500	260
270	56.4	330.6	22,700	22,500	21,000	22,700	22,500	21,000	270
280	54.6	322.0	22,000	21,800	20,600	22,000	21,800	20,600	280
290	52.8	312.9	21,400	21,200	20,200	21,400	21,200	20,200	290
300	50.8	303.2	20,800	20,700	19,900	20,800	20,700	19,900	300
310	48.8	292.8	20,300	20,200	19,500	20,300	20,200	19,500	310
320	46.8	281.6	19,800	19,700	19,200	19,800	19,700	19,200	320
330	44.6	269.5	19,300	19,200	18,800	19,300	19,200	18,800	330
340	42.4	256.5	18,900	17,000	15,300	18,900	18,700	18,500	340
350	40.0	242.2	14,900	13,300	11,700	18,500	18,400	18,200	350
360	37.4	226.6	11,200	9,700	8,200	18,100	18,000	17,900	360
370	34.6	209.3	7,600			17,700	17,600	17,500	370
380	31.6	189.8				17,500	17,300	17,200	380
390	28.2	167.2				17,200	17,100	16,900	390
400									400
410									410

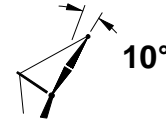
# MLC650 VPC-MAX S-2



321.5 ft



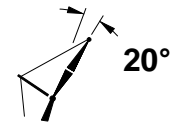
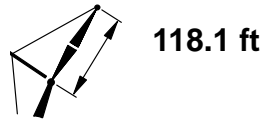
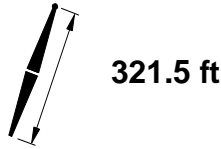
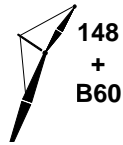
118.1 ft



10°

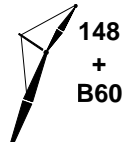
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85	82.8	442.1	49,000			49,000			85
90	82.1	441.2	48,300			48,300			90
95	81.5	440.2	47,500	39,800		47,500	39,800		95
100	80.8	439.1	46,800	39,400	33,800	46,800	39,400	33,800	100
105	80.1	437.9	46,100	38,900	33,400	46,100	38,900	33,400	105
110	79.5	436.7	45,400	38,500	33,100	45,400	38,500	33,100	110
115	78.8	435.5	44,700	38,000	32,800	44,700	38,000	32,800	115
120	78.1	434.2	44,000	37,600	32,500	44,000	37,600	32,500	120
130	76.8	431.3	42,600	36,600	31,800	42,600	36,600	31,800	130
140	75.4	428.2	41,300	35,700	31,200	41,300	35,700	31,200	140
150	74.0	424.9	39,900	34,800	30,600	39,900	34,800	30,600	150
160	72.6	421.2	38,700	33,900	30,000	38,700	33,900	30,000	160
170	71.2	417.3	37,500	33,000	29,300	37,500	33,000	29,300	170
180	69.8	413.1	36,300	32,200	28,600	36,300	32,200	28,600	180
190	68.4	408.6	35,200	31,400	28,000	35,200	31,400	28,000	190
200	66.9	403.8	34,100	30,600	27,400	34,100	30,600	27,400	200
210	65.5	398.7	33,100	29,700	26,800	33,100	29,700	26,800	210
220	64.0	393.3	32,000	28,900	26,200	32,000	28,900	26,200	220
230	62.5	387.5	31,200	28,200	25,600	31,200	28,200	25,600	230
240	61.0	381.3	30,200	27,500	25,000	30,200	27,500	25,000	240
250	59.4	374.8	29,300	26,800	24,500	29,300	26,800	24,500	250
260	57.8	367.9	28,500	26,100	23,900	28,500	26,100	23,900	260
270	56.2	360.5	27,700	25,500	23,400	27,700	25,500	23,400	270
280	54.5	352.7	26,900	24,800	22,900	26,900	24,800	22,900	280
290	52.9	344.5	26,200	24,300	22,400	26,200	24,300	22,400	290
300	51.1	335.7	25,500	23,700	21,900	25,500	23,700	21,900	300
310	49.3	326.3	23,800	21,300	18,800	24,900	23,200	21,400	310
320	47.5	316.4	19,500	17,200	14,900	24,200	22,600	21,000	320
330	45.6	305.7	15,400	13,300	11,300	23,600	22,000	20,600	330
340	43.6	294.3	11,600	9,600	7,800	23,100	21,500	20,100	340
350	41.5	282.1	8,000			22,500	21,100	19,700	350
360	39.4	268.9				22,000	20,600	19,400	360
370	37.1	254.6				21,500	20,200	19,000	370
380	34.7	239.0				21,100	19,800	18,700	380
390	32.1	221.7				20,600	19,500	18,400	390
400	29.2	202.4				20,300	19,100	18,100	400
410	26.1	180.3				20,000	18,800	17,800	410
420	22.4	154.2				19,700	18,600	17,600	420
430	17.9	121.2				19,400	18,500	17,500	430

# MLC650 VPC-MAX S-2

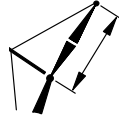


ft	ft	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100									100
105	82.5	433.9	38,800			38,800			105
110	81.8	432.7	38,200	33,600		38,200	33,600		110
115	81.1	431.4	37,700	33,200		37,700	33,200		115
120	80.4	430.1	37,100	32,800	29,100	37,100	32,800	29,100	120
130	79.1	427.2	36,000	32,000	28,500	36,000	32,000	28,500	130
140	77.7	424.1	34,900	31,200	28,000	34,900	31,200	28,000	140
150	76.3	420.7	33,900	30,500	27,300	33,900	30,500	27,300	150
160	74.9	417.0	33,000	29,700	26,800	33,000	29,700	26,800	160
170	73.5	413.1	32,100	29,000	26,200	32,100	29,000	26,200	170
180	72.1	408.8	31,200	28,300	25,700	31,200	28,300	25,700	180
190	70.6	404.3	30,300	27,600	25,100	30,300	27,600	25,100	190
200	69.2	399.4	29,300	26,900	24,600	29,300	26,900	24,600	200
210	67.7	394.3	28,300	26,300	24,100	28,300	26,300	24,100	210
220	66.2	388.8	27,300	25,700	23,600	27,300	25,700	23,600	220
230	64.6	382.9	26,400	25,200	23,200	26,400	25,200	23,200	230
240	63.1	376.7	25,600	24,600	22,700	25,600	24,600	22,700	240
250	61.5	370.1	24,800	24,000	22,200	24,800	24,000	22,200	250
260	59.9	363.1	24,100	23,500	21,800	24,100	23,500	21,800	260
270	58.3	355.6	23,400	23,000	21,400	23,400	23,000	21,400	270
280	56.6	347.7	22,800	22,500	21,000	22,800	22,500	21,000	280
290	54.9	339.3	22,100	21,900	20,600	22,100	21,900	20,600	290
300	53.1	330.4	21,500	21,300	20,200	21,500	21,300	20,200	300
310	51.3	320.9	21,000	20,800	19,900	21,000	20,800	19,900	310
320	49.4	310.7	20,500	20,300	18,200	20,500	20,300	19,500	320
330	47.5	299.9	18,700	16,400	14,300	20,000	19,800	19,200	330
340	45.5	288.2	14,600	12,500	10,600	19,500	19,400	18,900	340
350	43.3	275.7	10,700	8,800	7,000	19,100	18,900	18,600	350
360	41.1	262.2	6,900			18,700	18,600	18,400	360
370	38.8	247.5				18,300	18,100	18,000	370
380	36.3	231.3				18,000	17,800	17,700	380
390	33.6	213.4				17,600	17,500	17,400	390
400	30.6	193.2				17,400	17,200	17,100	400
410	27.3	169.9				17,100	17,000	16,900	410
420									420
430									430

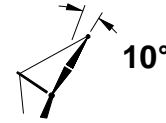
# MLC650 VPC-MAX S-2



341.2 ft



118.1 ft

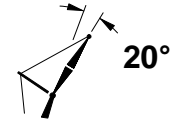
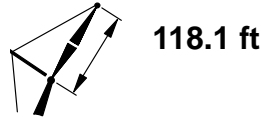
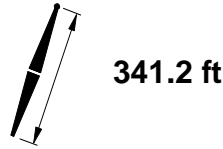
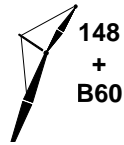


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
90	82.5	461.2	48,400			48,400			90
95	81.9	460.2	47,700	39,800		47,700	39,800		95
100	81.2	459.2	47,100	39,300		47,100	39,300		100
105	80.6	458.1	46,400	38,900	33,300	46,400	38,900	33,300	105
110	79.9	457.0	45,700	38,500	33,000	45,700	38,500	33,000	110
115	79.3	455.8	45,000	38,100	32,700	45,000	38,100	32,700	115
120	78.7	454.5	44,300	37,700	32,400	44,300	37,700	32,400	120
130	77.4	451.8	43,000	36,800	31,800	43,000	36,800	31,800	130
140	76.1	448.8	41,700	36,000	31,200	41,700	36,000	31,200	140
150	74.7	445.6	40,500	35,100	30,700	40,500	35,100	30,700	150
160	73.4	442.2	39,300	34,200	30,100	39,300	34,200	30,100	160
170	72.1	438.4	38,100	33,500	29,500	38,100	33,500	29,500	170
180	70.7	434.5	37,000	32,700	28,900	37,000	32,700	28,900	180
190	69.4	430.2	35,900	31,800	28,300	35,900	31,800	28,300	190
200	68.0	425.6	34,800	31,000	27,700	34,800	31,000	27,700	200
210	66.6	420.8	33,800	30,300	27,100	33,800	30,300	27,100	210
220	65.2	415.7	32,900	29,600	26,600	32,900	29,600	26,600	220
230	63.8	410.2	31,900	28,800	26,000	31,900	28,800	26,000	230
240	62.4	404.4	31,000	28,100	25,400	31,000	28,100	25,400	240
250	60.9	398.3	30,200	27,400	24,900	30,200	27,400	24,900	250
260	59.4	391.8	29,300	26,800	24,400	29,300	26,800	24,400	260
270	57.9	384.9	28,500	26,100	23,900	28,500	26,100	23,900	270
280	56.3	377.6	27,800	25,500	23,400	27,800	25,500	23,400	280
290	54.8	369.9	27,100	24,900	22,900	27,100	24,900	22,900	290
300	53.2	361.8	26,300	24,300	22,400	26,300	24,300	22,400	300
310	51.5	353.1	25,700	23,800	21,300	25,700	23,800	22,000	310
320	49.8	343.9	22,400	19,700	17,200	25,100	23,300	21,500	320
330	48.1	334.2	18,100	15,700	13,400	24,400	22,800	21,100	330
340	46.3	323.9	14,100	11,900	9,800	23,800	22,200	20,700	340
350	44.4	312.8	10,300	8,300		23,300	21,800	20,300	350
360	42.5	301.0	6,700			22,800	21,300	19,900	360
370	40.5	288.4				22,300	20,800	19,500	370
380	38.4	274.7				21,800	20,400	19,200	380
390	36.1	260.0				21,300	20,000	18,800	390
400	33.8	243.8				20,900	19,600	18,600	400
410	31.2	226.0				20,500	19,300	18,200	410
420	28.4	206.1				20,200	19,000	18,000	420
430	25.3	183.4				19,900	18,800	17,800	430
440	21.7	156.4				19,600	18,500	17,600	440

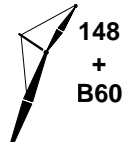


# MLC650 VPC-MAX S-2

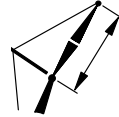


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105	82.8	454.0	39,000			39,000			105
110	82.2	452.9	38,500			38,500			110
115	81.5	451.7	37,900			37,900			115
120	80.9	450.4	37,400	33,300		37,400	33,300		120
130	79.6	447.6	36,300	32,100	29,100	36,300	32,100	29,100	130
140	78.3	444.7	35,300	31,400	28,500	35,300	31,400	28,500	140
150	76.9	441.4	34,300	30,700	27,900	34,300	30,700	27,900	150
160	75.6	437.9	33,400	30,000	27,400	33,400	30,000	26,900	160
170	74.2	434.2	32,500	29,200	26,900	32,500	29,200	26,400	170
180	72.9	430.1	31,700	28,600	26,400	31,700	28,600	25,900	180
190	71.5	425.8	30,800	28,000	25,900	30,800	28,000	25,300	190
200	70.1	421.2	30,000	27,300	25,300	30,000	27,300	24,800	200
210	68.7	416.3	29,000	26,700	24,800	29,000	26,700	24,300	210
220	67.3	411.1	28,000	26,100	24,300	28,000	26,100	23,900	220
230	65.9	405.6	27,200	25,600	23,900	27,200	25,600	23,500	230
240	64.4	399.8	26,400	25,000	23,500	26,400	25,000	23,000	240
250	62.9	393.5	25,500	24,500	23,000	25,500	24,500	22,600	250
260	61.4	387.0	24,800	24,000	22,600	24,800	24,000	22,200	260
270	59.9	380.0	24,100	23,500	22,200	24,100	23,500	21,700	270
280	58.3	372.6	23,400	23,000	21,700	23,400	23,000	21,400	280
290	56.7	364.8	22,800	22,500	21,400	22,800	22,500	21,000	290
300	55.1	356.5	22,200	22,000	21,000	22,200	22,000	20,600	300
310	53.4	347.8	21,700	21,500	20,600	21,700	21,500	20,200	310
320	51.7	338.5	21,100	20,900	20,200	21,100	20,900	19,900	320
330	49.9	328.6	20,600	19,100	19,900	20,600	20,500	19,600	330
340	48.1	318.0	17,400	15,100	16,700	20,200	20,000	19,300	340
350	46.2	306.8	13,300	11,200	12,800	19,700	19,600	19,000	350
360	44.2	294.7	9,500	7,500	9,200	19,300	19,100	18,700	360
370	42.2	281.8				18,900	18,800	18,500	370
380	40.0	267.8				18,500	18,400	18,200	380
390	37.7	252.6				18,200	18,000	17,900	390
400	35.3	235.9				17,800	17,700	17,600	400
410	32.6	217.4				17,500	17,400	17,300	410
420	29.7	196.6				17,300	17,200	17,100	420
430									430
440									440

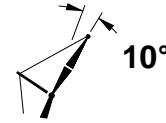
# MLC650 VPC-MAX S-2



360.9 ft



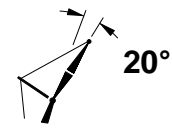
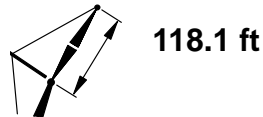
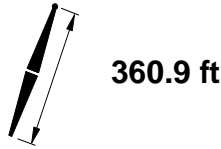
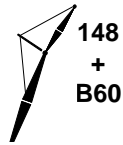
118.1 ft



10°

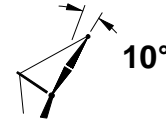
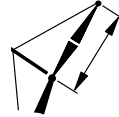
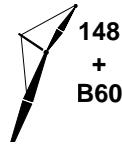
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
90	82.8	481.2	48,400			48,400			90
95	82.2	480.2	47,800			47,800			95
100	81.6	479.3	47,100	39,200		47,100	39,200		100
105	81.0	478.2	46,500	38,800	33,200	46,500	38,800	33,200	105
110	80.4	477.1	45,800	38,400	32,900	45,800	38,400	32,900	110
115	79.7	476.0	45,200	38,000	32,500	45,200	38,000	32,500	115
120	79.1	474.8	44,600	37,600	32,300	44,600	37,600	32,300	120
130	77.9	472.2	43,300	36,900	31,800	43,300	36,900	31,800	130
140	76.6	469.4	42,100	36,000	31,200	42,100	36,000	31,200	140
150	75.4	466.3	40,900	35,300	30,600	40,900	35,300	30,600	150
160	74.1	463.0	39,700	34,500	30,100	39,700	34,500	30,100	160
170	72.9	459.4	38,500	33,700	29,600	38,500	33,700	29,600	170
180	71.6	455.6	37,400	32,900	29,000	37,400	32,900	29,000	180
190	70.3	451.6	36,400	32,100	28,500	36,400	32,100	28,500	190
200	69.0	447.3	35,300	31,300	27,900	35,300	31,300	27,900	200
210	67.7	442.7	34,400	30,600	27,300	34,400	30,600	27,300	210
220	66.3	437.8	33,500	29,900	26,800	33,500	29,900	26,800	220
230	65.0	432.6	32,600	29,200	26,200	32,600	29,200	26,200	230
240	63.6	427.1	31,600	28,500	25,700	31,600	28,500	25,700	240
250	62.2	421.3	30,800	27,900	25,300	30,800	27,900	25,300	250
260	60.8	415.2	30,000	27,200	24,700	30,000	27,200	24,700	260
270	59.4	408.7	29,200	26,600	24,200	29,200	26,600	24,200	270
280	58.0	401.9	28,400	26,000	23,800	28,400	26,000	23,800	280
290	56.5	394.7	27,700	25,400	23,300	27,700	25,400	23,300	290
300	55.0	387.1	26,600	23,300	20,100	27,000	24,900	22,800	300
310	53.4	379.0	21,800	18,800	15,900	26,300	24,300	22,400	310
320	51.9	370.5	17,300	14,500	11,800	25,700	23,800	21,900	320
330	50.3	361.5	13,100	10,500	8,000	25,100	23,300	21,500	330
340	48.6	352.0	9,100	6,700		24,500	22,800	21,100	340
350	46.9	341.9				23,900	22,300	20,800	350
360	45.1	331.2				23,400	21,900	20,400	360
370	43.3	319.7				22,900	21,400	20,000	370
380	41.4	307.5				22,400	21,000	19,700	380
390	39.5	294.5				22,000	20,600	19,300	390
400	37.4	280.4				21,500	20,200	19,000	400
410	35.2	265.2				21,200	19,900	18,800	410
420	32.9	248.6				20,800	19,500	18,400	420
430	30.4	230.2				20,500	19,200	18,200	430
440	27.7	209.7				20,100	19,000	17,900	440
450	24.6	186.3				19,900	18,700	17,700	450
460	21.1	158.6				19,600	18,600	17,600	460

# MLC650 VPC-MAX S-2



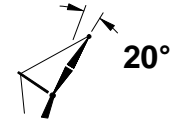
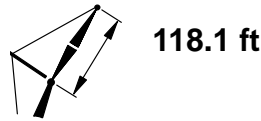
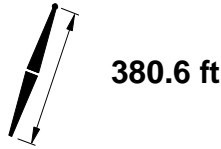
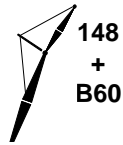
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105									105
110	82.5	473.0	38,600			38,600			110
115	81.9	471.8	38,100	33,300		38,100	33,300		115
120	81.3	470.6	37,600	32,900		37,600	32,900		120
130	80.0	468.0	36,600	32,200	28,500	36,600	32,200	28,500	130
140	78.8	465.1	35,500	31,400	27,900	35,500	31,400	27,900	140
150	77.5	462.1	34,600	30,800	27,400	34,600	30,800	27,400	150
160	76.2	458.7	33,700	30,100	26,900	33,700	30,100	26,900	160
170	74.9	455.1	32,800	29,400	26,500	32,800	29,400	26,500	170
180	73.6	451.3	32,000	28,800	26,000	32,000	28,800	26,000	180
190	72.3	447.2	31,200	28,200	25,400	31,200	28,200	25,400	190
200	71.0	442.8	30,400	27,600	25,000	30,400	27,600	25,000	200
210	69.7	438.2	29,500	27,000	24,500	29,500	27,000	24,500	210
220	68.3	433.2	28,600	26,500	24,100	28,600	26,500	24,100	220
230	67.0	428.0	27,800	25,800	23,700	27,800	25,800	23,700	230
240	65.6	422.5	26,900	25,300	23,200	26,900	25,300	23,200	240
250	64.2	416.6	26,100	24,800	22,800	26,100	24,800	22,800	250
260	62.8	410.4	25,300	24,300	22,400	25,300	24,300	22,400	260
270	61.3	403.9	24,700	23,900	22,000	24,700	23,900	22,000	270
280	59.9	396.9	24,000	23,400	21,600	24,000	23,400	21,600	280
290	58.4	389.6	23,400	22,900	21,200	23,400	22,900	21,200	290
300	56.8	381.9	22,800	22,500	20,900	22,800	22,500	20,900	300
310	55.3	373.7	22,200	22,000	20,000	22,200	22,000	20,600	310
320	53.7	365.1	21,500	18,600	15,700	21,700	21,500	20,200	320
330	52.1	356.0	17,000	14,300	11,700	21,100	21,000	19,900	330
340	50.4	346.3	12,700	10,200	7,800	20,700	20,500	19,600	340
350	48.6	336.0	8,700			20,200	20,100	19,400	350
360	46.9	325.1				19,800	19,700	19,100	360
370	45.0	313.5				19,400	19,300	18,800	370
380	43.1	301.0				19,000	18,900	18,600	380
390	41.1	287.6				18,600	18,500	18,400	390
400	38.9	273.2				18,300	18,200	18,100	400
410	36.7	257.5				18,000	17,900	17,700	410
420	34.3	240.3				17,700	17,600	17,400	420
430	31.7	221.3				17,500	17,300	17,200	430
440	28.8	199.8				17,200	17,100	17,000	440
450									450
460									460

# MLC650 VPC-MAX S-2



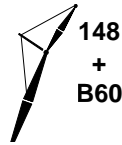
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
95	82.5	500.2	47,700			47,700			95
100	81.9	499.3	47,100	39,000		47,100	39,000		100
105	81.3	498.3	46,500	38,600		46,500	38,600		105
110	80.7	497.3	45,900	38,200	32,600	45,900	38,200	32,600	110
115	80.2	496.1	45,300	37,900	32,400	45,300	37,900	32,400	115
120	79.6	495.0	44,700	37,500	32,100	44,700	37,500	32,100	120
130	78.4	492.5	43,500	36,800	31,600	43,500	36,800	31,600	130
140	77.2	489.8	42,300	36,000	31,100	42,300	36,000	31,100	140
150	76.0	486.9	41,200	35,300	30,600	41,200	35,300	30,600	150
160	74.8	483.7	40,100	34,600	30,000	40,100	34,600	30,000	160
170	73.6	480.3	39,000	33,800	29,600	39,000	33,800	29,600	170
180	72.3	476.7	37,900	33,100	29,100	37,900	33,100	29,100	180
190	71.1	472.8	36,900	32,400	28,500	36,900	32,400	28,500	190
200	69.9	468.7	35,900	31,700	28,000	35,900	31,700	28,000	200
210	68.6	464.3	35,000	30,900	27,500	35,000	30,900	27,500	210
220	67.3	459.7	34,000	30,300	27,000	34,000	30,300	27,000	220
230	66.1	454.7	33,100	29,600	26,500	33,100	29,600	26,500	230
240	64.8	449.5	32,300	28,900	26,000	32,300	28,900	26,000	240
250	63.5	444.0	31,400	28,300	25,500	31,400	28,300	25,500	250
260	62.1	438.2	30,700	27,700	25,000	30,700	27,700	25,000	260
270	60.8	432.1	29,900	27,100	24,600	29,900	27,100	24,600	270
280	59.4	425.7	29,100	26,500	24,100	29,100	26,500	24,100	280
290	58.0	418.9	28,300	25,900	23,400	28,300	25,900	23,600	290
300	56.6	411.7	25,700	22,200	18,900	27,600	25,400	23,200	300
310	55.2	404.2	20,900	17,700	14,600	27,000	24,800	22,800	310
320	53.7	396.2	16,400	13,400	10,600	26,400	24,300	22,400	320
330	52.2	387.9	12,200	9,400	6,800	25,800	23,800	22,000	330
340	50.7	379.0	8,200			25,200	23,300	21,500	340
350	49.1	369.7				24,600	22,900	21,200	350
360	47.5	359.8				24,100	22,400	20,800	360
370	45.8	349.3				23,600	21,900	20,500	370
380	44.1	338.3				23,100	21,500	20,100	380
390	42.3	326.5				22,600	21,100	19,800	390
400	40.5	313.9				22,200	20,800	19,400	400
410	38.5	300.4				21,700	20,400	19,100	410
420	36.5	285.9				21,400	20,100	18,900	420
430	34.4	270.2				21,000	19,700	18,600	430
440	32.1	253.1				20,600	19,400	18,300	440
450	29.6	234.3				20,400	19,100	18,100	450
460	27.0	213.2				20,100	18,900	17,900	460
470	24.0	189.1				19,800	18,700	17,700	470
480	20.5	160.6				19,600	18,600	17,600	480

# MLC650 VPC-MAX S-2

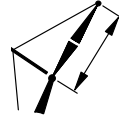


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
95									95
100									100
105									105
110	82.8	493.1	38,700			38,700			110
115	82.2	492.0	38,200			38,200			115
120	81.6	490.8	37,700	32,800		37,700	32,800		120
130	80.4	488.3	36,700	32,200	28,400	36,700	32,200	28,400	130
140	79.2	485.6	35,800	31,500	27,900	35,800	31,500	27,900	140
150	78.0	482.6	34,900	30,900	27,400	34,900	30,900	27,400	150
160	76.8	479.4	34,000	30,300	27,000	34,000	30,300	27,000	160
170	75.6	476.0	33,200	29,600	26,500	33,200	29,600	26,500	170
180	74.3	472.3	32,400	29,000	26,000	32,400	29,000	26,000	180
190	73.1	468.4	31,600	28,400	25,600	31,600	28,400	25,600	190
200	71.8	464.2	30,800	27,800	25,100	30,800	27,800	25,100	200
210	70.6	459.8	30,000	27,200	24,700	30,000	27,200	24,700	210
220	69.3	455.1	29,200	26,700	24,300	29,200	26,700	24,300	220
230	68.0	450.2	28,300	26,100	23,900	28,300	26,100	23,900	230
240	66.7	444.9	27,500	25,600	23,400	27,500	25,600	23,400	240
250	65.4	439.3	26,700	25,100	23,100	26,700	25,100	23,100	250
260	64.0	433.5	25,900	24,700	22,600	25,900	24,700	22,600	260
270	62.6	427.3	25,300	24,200	22,300	25,300	24,200	22,300	270
280	61.3	420.8	24,600	23,800	21,900	24,600	23,800	21,900	280
290	59.9	413.9	24,000	23,300	21,500	24,000	23,300	21,500	290
300	58.4	406.6	23,400	22,900	21,200	23,400	22,900	21,200	300
310	57.0	399.0	22,800	22,200	19,000	22,800	22,400	20,900	310
320	55.5	390.9	20,800	17,700	14,700	22,200	22,000	20,600	320
330	53.9	382.4	16,300	13,400	10,600	21,700	21,500	20,200	330
340	52.4	373.5	12,100	9,400	6,800	21,200	21,000	19,900	340
350	50.8	364.0	8,100			20,800	20,600	19,600	350
360	49.2	353.9				20,300	20,100	19,400	360
370	47.5	343.3				19,900	19,800	19,100	370
380	45.7	332.0				19,500	19,400	18,900	380
390	43.9	320.0				19,100	19,000	18,600	390
400	42.0	307.1				18,800	18,600	18,400	400
410	40.0	293.3				18,500	18,300	18,200	410
420	38.0	278.4				18,200	18,000	17,900	420
430	35.7	262.3				17,900	17,800	17,600	430
440	33.4	244.6				17,600	17,500	17,400	440
450	30.8	225.0				17,300	17,200	17,100	450
460	28.0	203.0				17,200	17,100	17,000	460
470									470
480									480

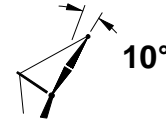
# MLC650 VPC-MAX S-2



400.3 ft



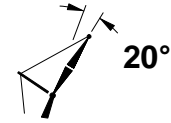
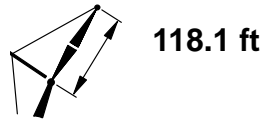
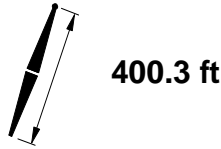
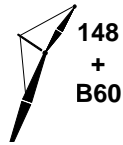
118.1 ft



10°

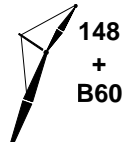
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
95	82.8	520.2	47,700			47,700			95
100	82.2	519.3	47,000			47,000			100
105	81.7	518.4	46,500	38,400		46,500	38,400		105
110	81.1	517.3	45,900	38,000		45,900	38,000		110
115	80.5	516.3	45,400	37,700	32,100	45,400	37,700	32,100	115
120	80.0	515.2	44,800	37,400	31,900	44,800	37,400	31,900	120
130	78.8	512.8	43,700	36,700	31,400	43,700	36,700	31,400	130
140	77.7	510.2	42,600	36,000	30,900	42,600	36,000	30,900	140
150	76.5	507.4	41,400	35,300	30,400	41,400	35,300	30,400	150
160	75.4	504.4	40,400	34,700	30,000	40,400	34,700	30,000	160
170	74.2	501.1	39,300	33,900	29,500	39,300	33,900	29,500	170
180	73.1	497.6	38,400	33,300	29,000	38,400	33,300	29,000	180
190	71.9	493.9	37,400	32,500	28,600	37,400	32,500	28,600	190
200	70.7	490.0	36,400	31,900	28,100	36,400	31,900	28,100	200
210	69.5	485.8	35,500	31,200	27,600	35,500	31,200	27,600	210
220	68.3	481.4	34,600	30,500	27,100	34,600	30,500	27,100	220
230	67.1	476.7	33,700	30,000	26,700	33,700	30,000	26,700	230
240	65.8	471.7	32,900	29,300	26,200	32,900	29,300	26,200	240
250	64.6	466.5	32,100	28,700	25,700	32,100	28,700	25,700	250
260	63.3	461.0	31,300	28,100	25,300	31,300	28,100	25,300	260
270	62.0	455.2	30,500	27,500	24,800	30,500	27,500	24,800	270
280	60.7	449.1	29,700	26,900	22,900	29,700	26,900	24,400	280
290	59.4	442.6	25,900	21,900	18,100	29,100	26,400	23,900	290
300	58.1	435.9	20,800	17,100	13,600	28,300	25,800	23,500	300
310	56.7	428.8	16,000	12,600	9,300	27,700	25,300	23,100	310
320	55.3	421.3	11,500	8,300		27,100	24,800	22,700	320
330	53.9	413.4	7,300			26,400	24,300	22,300	330
340	52.5	405.2				25,800	23,800	21,900	340
350	51.0	396.5				25,300	23,400	21,500	350
360	49.5	387.3				24,700	22,900	21,200	360
370	48.0	377.6				24,300	22,500	20,800	370
380	46.4	367.4				23,800	22,100	20,500	380
390	44.8	356.6				23,300	21,700	20,200	390
400	43.1	345.2				22,800	21,300	19,800	400
410	41.4	333.0				22,400	20,900	19,500	410
420	39.5	320.0				21,900	20,600	19,200	420
430	37.7	306.2				21,600	20,200	19,000	430
440	35.7	291.3				21,200	19,900	18,700	440
450	33.6	275.1				20,900	19,600	18,500	450
460	31.3	257.6				20,500	19,300	18,200	460
470	28.9	238.2				19,200	18,600	17,000	470
480	26.3	216.6				16,700	16,100	14,600	480
490	23.3	191.8				14,200	13,700	12,400	490
500	19.9	162.5				11,500	11,400	10,100	500

# MLC650 VPC-MAX S-2

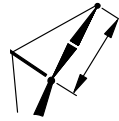


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
95									95
100									100
105									105
110									110
115	82.5	512.0	38,300			38,300			115
120	81.9	510.9	37,700	32,800		37,700	32,800		120
130	80.8	508.5	36,900	32,100	28,200	36,900	32,100	28,200	130
140	79.6	505.9	35,900	31,600	27,800	35,900	31,600	27,800	140
150	78.5	503.1	35,100	30,900	27,300	35,100	30,900	27,300	150
160	77.3	500.0	34,200	30,300	26,900	34,200	30,300	26,900	160
170	76.1	496.7	33,500	29,700	26,500	33,500	29,700	26,500	170
180	75.0	493.2	32,600	29,100	26,100	32,600	29,100	26,100	180
190	73.8	489.5	31,900	28,500	25,600	31,900	28,500	25,600	190
200	72.6	485.5	31,200	28,000	25,200	31,200	28,000	25,200	200
210	71.4	481.3	30,500	27,500	24,800	30,500	27,500	24,800	210
220	70.1	476.8	29,800	26,900	24,400	29,800	26,900	24,400	220
230	68.9	472.1	28,900	26,500	23,900	28,900	26,500	23,900	230
240	67.7	467.1	28,100	26,000	23,600	28,100	26,000	23,600	240
250	66.4	461.8	27,300	25,500	23,200	27,300	25,500	23,200	250
260	65.1	456.2	26,600	25,000	22,900	26,600	25,000	22,900	260
270	63.8	450.3	25,900	24,500	22,400	25,900	24,500	22,400	270
280	62.5	444.2	25,200	24,100	22,100	25,200	24,100	22,100	280
290	61.2	437.7	24,500	23,700	21,700	24,500	23,700	21,700	290
300	59.8	430.8	23,900	22,200	18,500	23,900	23,200	21,400	300
310	58.5	423.6	21,000	17,400	14,000	23,400	22,900	21,100	310
320	57.1	416.1	16,200	12,900	9,700	22,800	22,500	20,800	320
330	55.6	408.1	11,700	8,600		22,300	22,100	20,500	330
340	54.2	399.7	7,500			21,800	21,600	20,200	340
350	52.7	390.9				21,300	21,100	19,900	350
360	51.2	381.6				20,900	20,700	19,700	360
370	49.6	371.8				20,500	20,300	19,400	370
380	48.0	361.4				20,100	19,900	19,100	380
390	46.3	350.4				19,700	19,500	18,900	390
400	44.6	338.7				19,300	19,100	18,700	400
410	42.9	326.3				19,000	18,800	18,500	410
420	41.0	313.1				18,600	18,500	18,300	420
430	39.1	298.9				18,300	18,200	18,100	430
440	37.0	283.6				18,000	17,900	17,800	440
450	34.9	267.0				17,800	17,700	17,600	450
460	32.5	248.8				17,500	17,400	17,300	460
470	30.0	228.6				17,300	17,200	17,100	470
480	27.3	206.0				17,100	16,900	15,300	480
490									490
500									500

# MLC650 VPC-MAX S-2



419.9 ft



118.1 ft

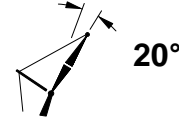
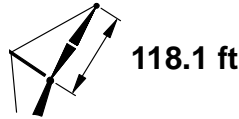
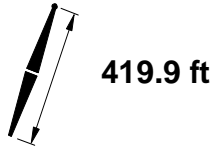
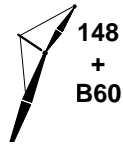


10°

ft	ft	ft	ft		ft	
			38.7	60.0		
			0°	0°		
			lb	lb		
100	82.5	539.3	46,900	46,900	100	
105	82.0	538.4	46,400	46,400	105	
110	81.4	537.4	45,800	45,800	110	
115	80.9	536.4	45,300	45,300	115	
120	80.3	535.3	44,800	44,800	120	
130	79.3	533.0	43,700	43,700	130	
140	78.2	530.5	42,700	42,700	140	
150	77.1	527.8	41,700	41,700	150	
160	75.9	524.9	40,700	40,700	160	
170	74.8	521.8	39,600	39,600	170	
180	73.7	518.5	38,700	38,700	180	
190	72.6	514.9	37,700	37,700	190	
200	71.4	511.2	36,900	36,900	200	
210	70.3	507.1	35,900	35,900	210	
220	69.1	502.9	35,100	35,100	220	
230	68.0	498.4	34,200	34,200	230	
240	66.8	493.7	33,400	33,400	240	
250	65.6	488.7	32,600	32,600	250	
260	64.4	483.4	31,800	31,800	260	
270	63.2	477.9	31,100	31,100	270	
280	61.9	472.1	30,200	30,400	280	
290	60.7	466.0	24,700	29,700	290	
300	59.4	459.6	19,600	29,000	300	
310	58.1	452.9	14,800	28,300	310	
320	56.8	445.8	10,300	27,700	320	
330	55.5	438.4		27,100	330	
340	54.2	430.6		26,500	340	
350	52.8	422.5		26,000	350	
360	51.4	413.9		25,400	360	
370	49.9	404.9		24,900	370	
380	48.5	395.4		24,400	380	
390	47.0	385.4		23,900	390	
400	45.4	374.8		23,400	400	
410	43.8	363.7		23,000	410	
420	42.2	351.9		22,500	420	
430	40.5	339.4		22,100	430	
440	38.7	326.0		21,700	440	
450	36.8	311.8		21,400	450	
460	34.9	296.5		20,900	460	
470	32.8	279.9		18,300	470	
480	30.6	261.9		15,800	480	
490	28.2	242.0		13,400	490	
500	25.7	219.8		10,500	500	
510	22.7	194.4		7,600	510	

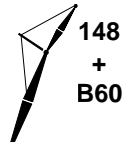


# MLC650 VPC-MAX S-2

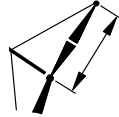


ft	°	ft	lb		ft
			38.7 ft	60.0 ft	
			0°	0°	
100					100
105					105
110					110
115	82.8	532.1	38,300	38,300	115
120	82.2	531.0	37,800	37,800	120
130	81.1	528.7	36,900	36,900	130
140	80.0	526.2	36,100	36,100	140
150	78.9	523.5	35,300	35,300	150
160	77.8	520.6	34,500	34,500	160
170	76.7	517.4	33,700	33,700	170
180	75.5	514.1	33,000	33,000	180
190	74.4	510.5	32,200	32,200	190
200	73.3	506.7	31,500	31,500	200
210	72.1	502.6	30,800	30,800	210
220	70.9	498.3	30,100	30,100	220
230	69.7	493.8	29,500	29,500	230
240	68.6	489.0	28,700	28,700	240
250	67.4	484.0	27,900	27,900	250
260	66.1	478.7	27,100	27,100	260
270	64.9	473.1	26,400	26,400	270
280	63.7	467.2	25,800	25,800	280
290	62.4	461.1	25,100	25,100	290
300	61.1	454.6	24,500	24,500	300
310	59.8	447.8	20,000	23,900	310
320	58.5	440.6	15,200	23,400	320
330	57.2	433.1	10,700	22,800	330
340	55.8	425.3		22,400	340
350	54.4	417.0		21,900	350
360	53.0	408.3		21,400	360
370	51.5	399.1		21,000	370
380	50.0	389.5		20,600	380
390	48.5	379.3		20,200	390
400	46.9	368.6		19,800	400
410	45.3	357.3		19,400	410
420	43.6	345.3		19,100	420
430	41.9	332.5		18,800	430
440	40.1	318.8		18,500	440
450	38.2	304.2		18,200	450
460	36.2	288.5		17,900	460
470	34.0	271.5		17,700	470
480	31.8	252.8		16,800	480
490	29.3	232.1		14,200	490
500					500
510					510

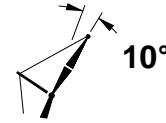
# MLC650 VPC-MAX S-2



144.4 ft



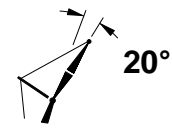
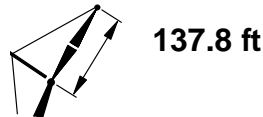
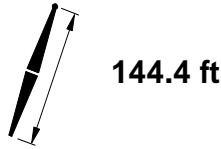
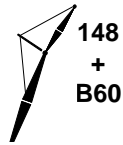
137.8 ft



10°

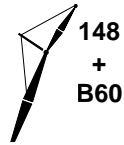
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
65	82.6	286.4	41,900b			41,900b			65
70	81.5	285.3	40,500b			40,500b			70
75	80.5	284.1	39,100			39,100			75
80	79.4	282.7	37,900			37,900			80
85	78.4	281.3	36,700			36,700			85
90	77.3	279.8	35,600			35,600			90
95	76.3	278.2	34,500			34,500			95
100	75.2	276.4	33,400			33,400			100
105	74.1	274.6	32,300			32,300			105
110	73.0	272.7	31,200			31,200			110
115	71.9	270.6	30,200			30,200			115
120	70.8	268.4	29,300			29,300			120
130	68.6	263.7	27,400			27,400			130
140	66.3	258.6	25,700			25,700			140
150	64.0	252.9	24,100			24,100			150
160	61.6	246.6	22,600			22,600			160
170	59.1	239.7	21,300			21,300			170
180	56.6	232.2	20,100			20,100			180
190	53.9	223.9	18,900			18,900			190
200	51.2	214.8	17,900			17,900			200
210	48.3	204.8	16,900			16,900			210
220	45.3	193.7	15,900			15,900			220
230	42.1	181.3	15,100			15,100			230
240	38.6	167.3	14,400			14,400			240
250	34.7	151.2	13,600			13,600			250
260	30.4	132.2	13,000			13,000			260
270	25.2	108.6	12,400			12,400			270
280	18.2	75.6	12,000			12,000			280

# MLC650 VPC-MAX S-2

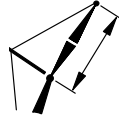


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
65									65
70									70
75									75
80									80
85	82.7	278.5	31,600b			31,600b			85
90	81.7	277.0	30,600	27,300		30,600	27,300		90
95	80.6	275.3	29,600	26,500	23,800b	29,600	26,500	23,800b	95
100	79.5	273.6	28,700	25,800	23,200	28,700	25,800	23,200	100
105	78.4	271.7	27,900	25,100	22,700	27,900	25,100	22,700	105
110	77.3	269.7	27,000	24,400	22,100	27,000	24,400	22,100	110
115	76.2	267.7	26,200	23,700	21,500	26,200	23,700	21,500	115
120	75.1	265.5	25,400	23,100	21,000	25,400	23,100	21,000	120
130	72.8	260.7	23,900	21,800	20,000	23,900	21,800	20,000	130
140	70.5	255.5	22,500	20,600	19,000	22,500	20,600	19,000	140
150	68.2	249.7	21,200	19,600	18,100	21,200	19,600	18,100	150
160	65.7	243.4	20,100	18,600	17,300	20,100	18,600	17,300	160
170	63.2	236.4	19,000	17,600	16,400	19,000	17,600	16,400	170
180	60.7	228.8	17,900	16,700	15,600	17,900	16,700	15,600	180
190	58.0	220.4	17,000	16,000	14,900	17,000	16,000	14,900	190
200	55.2	211.1	16,200	15,200	14,200	16,200	15,200	14,200	200
210	52.3	200.9	15,400	14,500	13,500	15,400	14,500	13,500	210
220	49.2	189.5	14,700	13,800	13,000	14,700	13,800	13,000	220
230	45.9	176.8	14,000	13,200	12,400	14,000	13,200	12,400	230
240	42.3	162.4	13,400	12,600	11,900	13,400	12,600	11,900	240
250	38.3	145.7	12,900	12,200	11,500	12,900	12,200	11,500	250
260	33.7	125.8	12,400	11,800	11,100	12,400	11,800	11,100	260
270	28.2	100.5	12,100	11,500	10,900	12,100	11,500	10,900	270
280									280

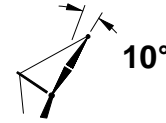
# MLC650 VPC-MAX S-2



164.0 ft



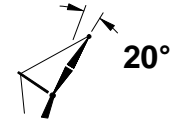
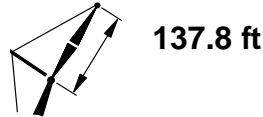
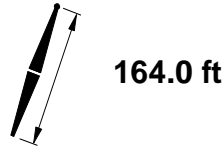
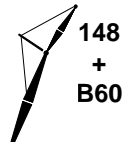
137.8 ft



10°

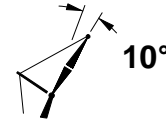
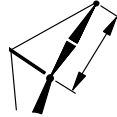
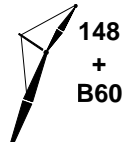
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
70	82.1	305.4	41,300			41,300			70
75	81.1	304.3	40,000			40,000			75
80	80.2	303.0	38,700			38,700			80
85	79.2	301.7	37,600		29,100	37,600		29,100	85
90	78.2	300.3	36,500		27,700	36,500		27,700	90
95	77.2	298.8	35,400		27,100	35,400		27,100	95
100	76.2	297.2	34,400		26,500	34,400		26,500	100
105	75.2	295.5	33,300		26,000	33,300		26,000	105
110	74.2	293.7	32,300		25,400	32,300		25,400	110
115	73.2	291.8	31,400		24,800	31,400		24,800	115
120	72.2	289.8	30,400		24,200	30,400		24,200	120
130	70.1	285.4	28,600		23,100	28,600		23,100	130
140	68.0	280.7	26,900		22,000	26,900		22,000	140
150	65.9	275.5	25,400		21,000	25,400		21,000	150
160	63.7	269.7	23,900		20,000	23,900		20,000	160
170	61.4	263.5	22,600		19,000	22,600		19,000	170
180	59.1	256.7	21,300		18,100	21,300		18,100	180
190	56.8	249.3	20,200		17,200	20,200		17,200	190
200	54.3	241.2	19,100		16,400	19,100		16,400	200
210	51.8	232.4	18,100		15,700	18,100		15,700	210
220	49.2	222.7	17,200		14,900	17,200		16,000	220
230	46.4	212.1	16,300		14,300	16,300		15,200	230
240	43.5	200.3	15,500		13,600	15,500		14,500	240
250	40.4	187.3	14,700		13,000	14,700		13,800	250
260	37.0	172.5	14,000		12,400	14,000		13,200	260
270	33.3	155.6	13,400		11,900	13,400		12,700	270
280	29.0	135.7	12,800		11,400	12,800		12,100	280
290	24.0	111.0	12,300		11,100	12,300		11,700	290
300	17.1	76.2	12,000		10,800	12,000		11,400	300

# MLC650 VPC-MAX S-2



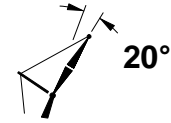
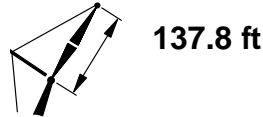
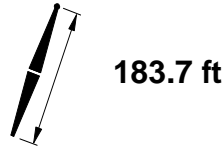
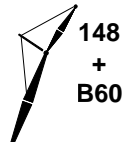
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85									85
90	82.2	297.3	31,100			31,100			90
95	81.2	295.8	30,200	26,900		30,200	26,900		95
100	80.2	294.2	29,300	26,200	23,500	29,300	26,200	23,500	100
105	79.2	292.4	28,500	25,500	23,000	28,500	25,500	23,000	105
110	78.2	290.6	27,600	24,900	22,500	27,600	24,900	22,500	110
115	77.2	288.7	26,900	24,300	22,000	26,900	24,300	22,000	115
120	76.2	286.7	26,100	23,700	21,500	26,100	23,700	21,500	120
130	74.1	282.3	24,600	22,500	20,500	24,600	22,500	20,500	130
140	71.9	277.5	23,300	21,300	19,600	23,300	21,300	19,600	140
150	69.8	272.2	22,100	20,300	18,700	22,100	20,300	18,700	150
160	67.6	266.4	21,000	19,300	17,900	21,000	19,300	17,900	160
170	65.3	260.1	19,900	18,400	17,100	19,900	18,400	17,100	170
180	63.0	253.2	18,900	17,500	16,300	18,900	17,500	16,300	180
190	60.6	245.6	17,900	16,700	15,500	17,900	16,700	15,500	190
200	58.1	237.4	17,100	16,000	14,900	17,100	16,000	14,900	200
210	55.5	228.4	16,300	15,200	14,300	16,300	15,200	14,300	210
220	52.8	218.6	15,500	14,500	13,700	15,500	14,500	13,700	220
230	50.0	207.8	14,800	14,000	13,100	14,800	14,000	13,100	230
240	47.0	195.7	14,200	13,400	12,600	14,200	13,400	12,600	240
250	43.8	182.3	13,600	12,800	12,200	13,600	12,800	12,200	250
260	40.3	167.1	13,200	12,400	11,700	13,200	12,400	11,700	260
270	36.5	149.6	12,700	12,000	11,400	12,700	12,000	11,400	270
280	32.0	128.6	12,300	11,600	11,000	12,300	11,600	11,000	280
290	26.6	102.0	12,000	11,400	10,800	12,000	11,400	10,800	290
300									300

# MLC650 VPC-MAX S-2



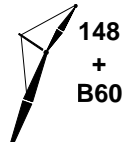
			38.7 ft			60.0 ft			
	ft	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
70	82.6	325.5	41,800			41,800			70
75	81.7	324.4	40,600			40,600			75
80	80.8	323.3	39,500			39,500			80
85	79.9	322.0	38,400			38,400			85
90	78.9	320.7	37,300			37,300			90
95	78.0	319.3	36,300			36,300			95
100	77.1	317.8	35,300			35,300			100
105	76.1	316.2	34,300			34,300			105
110	75.2	314.5	33,300			33,300			110
115	74.3	312.7	32,400			32,400			115
120	73.3	310.9	31,400			31,400			120
130	71.4	306.9	29,700			29,700			130
140	69.4	302.5	28,000			28,000			140
150	67.5	297.6	26,500			26,500			150
160	65.5	292.4	25,100			25,100			160
170	63.4	286.6	23,700			23,700			170
180	61.3	280.4	22,500			22,500			180
190	59.2	273.7	21,300			21,300			190
200	57.0	266.3	20,200			20,200			200
210	54.7	258.4	19,300			19,300			210
220	52.3	249.8	18,300			18,300			220
230	49.9	240.4	17,400			17,400			230
240	47.4	230.2	16,600			16,600			240
250	44.7	219.0	15,800			15,800			250
260	41.9	206.7	15,100			15,100			260
270	38.8	193.0	14,400			14,400			270
280	35.6	177.6	13,800			13,800			280
290	31.9	159.9	13,200			13,200			290
300	27.8	139.1	12,600			12,600			300
310	22.9	113.2	12,300			12,300			310
320	16.1	76.6	12,000			12,000			320

# MLC650 VPC-MAX S-2

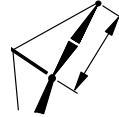


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
70									70
75									75
80									80
85									85
90	82.7	317.6	31,500			31,500			90
95	81.8	316.1	30,700	27,300		30,700	27,300		95
100	80.9	314.6	29,800	26,600	23,800	29,800	26,600	23,800	100
105	79.9	313.0	29,000	26,000	23,300	29,000	26,000	23,300	105
110	79.0	311.3	28,200	25,400	22,800	28,200	25,400	22,800	110
115	78.0	309.5	27,500	24,700	22,300	27,500	24,700	22,300	115
120	77.1	307.6	26,700	24,200	21,900	26,700	24,200	21,900	120
130	75.1	303.6	25,300	23,000	20,900	25,300	23,000	20,900	130
140	73.2	299.1	24,100	22,000	20,100	24,100	22,000	20,100	140
150	71.2	294.2	22,800	21,000	19,200	22,800	21,000	19,200	150
160	69.1	288.9	21,700	20,000	18,400	21,700	20,000	18,400	160
170	67.0	283.1	20,600	19,100	17,700	20,600	19,100	17,700	170
180	64.9	276.8	19,700	18,300	16,900	19,700	18,300	16,900	180
190	62.7	269.9	18,700	17,400	16,200	18,700	17,400	16,200	190
200	60.5	262.5	17,900	16,600	15,500	17,900	16,600	15,500	200
210	58.2	254.5	17,100	16,000	14,900	17,100	16,000	14,900	210
220	55.8	245.7	16,300	15,300	14,300	16,300	15,300	14,300	220
230	53.3	236.2	15,700	14,700	13,800	15,700	14,700	13,800	230
240	50.7	225.8	15,000	14,100	13,200	15,000	14,100	13,200	240
250	48.0	214.3	14,400	13,600	12,800	14,400	13,600	12,800	250
260	45.1	201.7	13,800	13,100	12,300	13,800	13,100	12,300	260
270	42.0	187.6	13,400	12,600	11,900	13,400	12,600	11,900	270
280	38.6	171.6	12,900	12,200	11,500	12,900	12,200	11,500	280
290	34.9	153.3	12,500	11,900	11,200	12,500	11,900	11,200	290
300	30.5	131.3	12,200	11,600	11,000	12,200	11,600	11,000	300
310	25.2	103.3	12,000	11,400	10,800	12,000	11,400	10,800	310
320									320

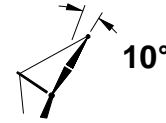
# MLC650 VPC-MAX S-2



203.4 ft



137.8 ft

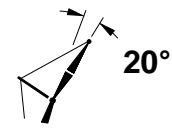
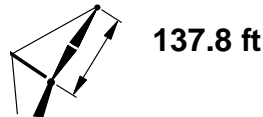
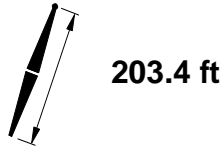
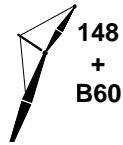


10°

			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
75	82.2	344.5	41,100			41,100			75
80	81.3	343.4	40,100	34,100		40,100	34,100		80
85	80.5	342.3	39,000	33,300	29,000	39,000	33,300	29,000	85
90	79.6	341.0	38,000	32,600	28,500	38,000	32,600	28,500	90
95	78.7	339.7	37,000	31,900	28,000	37,000	31,900	28,000	95
100	77.8	338.3	36,100	31,200	27,400	36,100	31,200	27,400	100
105	77.0	336.8	35,100	30,600	26,800	35,100	30,600	26,800	105
110	76.1	335.2	34,200	29,800	26,300	34,200	29,800	26,300	110
115	75.2	333.6	33,200	29,200	25,800	33,200	29,200	25,800	115
120	74.3	331.8	32,400	28,500	25,300	32,400	28,500	25,300	120
130	72.5	328.1	30,700	27,200	24,300	30,700	27,200	24,300	130
140	70.7	323.9	29,100	26,000	23,300	29,100	26,000	23,300	140
150	68.9	319.5	27,600	24,800	22,400	27,600	24,800	22,400	150
160	67.0	314.6	26,100	23,600	21,400	26,100	23,600	21,400	160
170	65.1	309.3	24,800	22,600	20,500	24,800	22,600	20,500	170
180	63.2	303.5	23,600	21,500	19,700	23,600	21,500	19,700	180
190	61.2	297.3	22,400	20,600	18,900	22,400	20,600	18,900	190
200	59.2	290.6	21,400	19,600	18,100	21,400	19,600	18,100	200
210	57.1	283.4	20,300	18,800	17,300	20,300	18,800	17,300	210
220	55.0	275.6	19,400	17,900	16,700	19,400	17,900	16,700	220
230	52.8	267.2	18,400	17,200	16,000	18,400	17,200	16,000	230
240	50.5	258.1	17,600	16,400	15,300	17,600	16,400	15,300	240
250	48.2	248.2	16,800	15,700	14,600	16,800	15,700	14,600	250
260	45.7	237.4	16,100	15,000	14,000	16,100	15,000	14,000	260
270	43.1	225.7	15,400	14,400	13,500	15,400	14,400	13,500	270
280	40.4	212.8	14,700	13,800	13,000	14,700	13,800	13,000	280
290	37.4	198.4	14,100	13,300	12,500	14,100	13,300	12,500	290
300	34.3	182.3	13,600	12,800	12,000	13,600	12,800	12,000	300
310	30.7	163.9	13,000	12,300	11,600	13,000	12,300	11,600	310
320	26.7	142.2	12,600	11,900	11,200	12,600	11,900	11,200	320
330	21.9	115.2	12,200	11,500	10,900	12,200	11,500	10,900	330
340	15.2	76.8	11,900	11,300	10,800	11,900	11,300	10,800	340

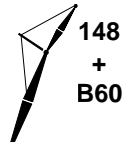


# MLC650 VPC-MAX S-2

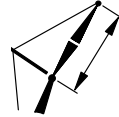


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.3	336.4	31,000			31,000			90
95									95
100	81.4	335.0	30,300	26,900		30,300	26,900		100
105	80.5	333.5	29,500	26,300	23,600	29,500	26,300	23,600	105
110	79.7	331.9	28,700	25,700	23,100	28,700	25,700	23,100	110
115	78.8	330.2	28,000	25,100	22,700	28,000	25,100	22,700	115
120	77.9	328.5	27,300	24,600	22,200	27,300	24,600	22,200	120
130	76.0	324.7	26,000	23,500	21,300	26,000	23,500	21,300	130
140	74.2	320.5	24,700	22,500	20,500	24,700	22,500	20,500	140
150	72.4	316.0	23,500	21,500	19,700	23,500	21,500	19,700	150
160	70.5	311.0	22,400	20,500	18,900	22,400	20,500	18,900	160
170	68.5	305.6	21,400	19,700	18,200	21,400	19,700	18,200	170
180	66.6	299.8	20,400	18,900	17,500	20,400	18,900	17,500	180
190	64.6	293.5	19,500	18,100	16,700	19,500	18,100	16,700	190
200	62.5	286.8	18,700	17,400	16,200	18,700	17,400	16,200	200
210	60.4	279.4	17,800	16,600	15,500	17,800	16,600	15,500	210
220	58.3	271.5	17,100	16,000	14,900	17,100	16,000	14,900	220
230	56.0	262.9	16,400	15,400	14,400	16,400	15,400	14,400	230
240	53.7	253.7	15,800	14,700	13,900	15,800	14,700	13,900	240
250	51.3	243.6	15,100	14,200	13,400	15,100	14,200	13,400	250
260	48.8	232.6	14,600	13,700	12,900	14,600	13,700	12,900	260
270	46.2	220.6	14,100	13,200	12,400	14,100	13,200	12,400	270
280	43.4	207.4	13,600	12,800	12,100	13,600	12,800	12,100	280
290	40.3	192.6	13,200	12,400	11,700	13,200	12,400	11,700	290
300	37.1	176.0	12,700	12,000	11,400	12,700	12,000	11,400	300
310	33.4	156.8	12,400	11,800	11,100	12,400	11,800	11,100	310
320	29.1	133.8	12,100	11,500	10,900	12,100	11,500	10,900	320
330									330
340									340

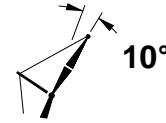
# MLC650 VPC-MAX S-2



223.1 ft



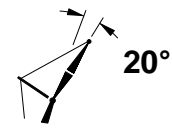
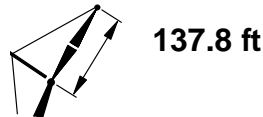
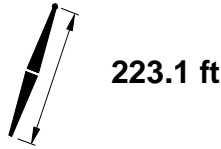
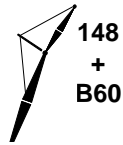
137.8 ft



10°

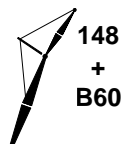
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
75	82.6	364.6	41,500			41,500			75
80	81.8	363.5	40,500			40,500			80
85	81.0	362.4	39,500			39,500			85
90	80.2	361.3	38,600			38,600			90
95	79.4	360.0	37,600			37,600			95
100	78.5	358.7	36,700			36,700			100
105	77.7	357.3	35,800			35,800			105
110	76.9	355.8	34,900			34,900			110
115	76.0	354.2	34,000			34,000			115
120	75.2	352.6	33,200			33,200			120
130	73.5	349.1	31,500			31,500			130
140	71.8	345.2	30,000			30,000			140
150	70.1	341.0	28,500			28,500			150
160	68.4	336.5	27,100			27,100			160
170	66.6	331.5	25,800			25,800			170
180	64.8	326.2	24,600			24,600			180
190	63.0	320.4	23,500			23,500			190
200	61.1	314.2	22,400			22,400			200
210	59.2	307.6	21,400			21,400			210
220	57.2	300.4	20,400			20,400			220
230	55.2	292.8	19,400			19,400			230
240	53.2	284.5	18,600			18,600			240
250	51.1	275.6	17,800			17,800			250
260	48.9	266.0	17,100			17,100			260
270	46.6	255.6	16,300			16,300			270
280	44.2	244.4	15,700			15,700			280
290	41.7	232.1	15,000			15,000			290
300	39.0	218.6	14,400			14,400			300
310	36.2	203.7	13,900			13,900			310
320	33.1	186.9	13,300			13,300			320
330	29.6	167.8	12,900			12,900			330
340	25.7	145.2	12,500			12,500			340
350	21.0	117.1	12,100			12,100			350

# MLC650 VPC-MAX S-2

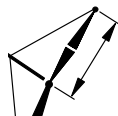


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90	82.7	356.6	31,400			31,400			90
95									95
100	81.9	355.3	30,600	27,200		30,600	27,200		100
105	81.1	353.9	29,900	26,600		29,900	26,600		105
110	80.2	352.4	29,200	26,000	23,300	29,200	26,000	23,300	110
115	79.4	350.8	28,500	25,500	22,900	28,500	25,500	22,900	115
120	78.6	349.1	27,800	24,900	22,500	27,800	24,900	22,500	120
130	76.9	345.6	26,500	23,900	21,600	26,500	23,900	21,600	130
140	75.1	341.7	25,300	23,000	20,800	25,300	23,000	20,800	140
150	73.4	337.4	24,200	22,000	20,100	24,200	22,000	20,100	150
160	71.6	332.8	23,100	21,100	19,400	23,100	21,100	19,400	160
170	69.9	327.8	22,100	20,200	18,600	22,100	20,200	18,600	170
180	68.0	322.4	21,100	19,400	17,900	21,100	19,400	17,900	180
190	66.2	316.6	20,200	18,700	17,300	20,200	18,700	17,300	190
200	64.3	310.3	19,400	17,900	16,700	19,400	17,900	16,700	200
210	62.4	303.6	18,600	17,300	16,000	18,600	17,300	16,000	210
220	60.4	296.3	17,800	16,600	15,500	17,800	16,600	15,500	220
230	58.4	288.5	17,100	16,000	14,900	17,100	16,000	14,900	230
240	56.3	280.1	16,500	15,400	14,400	16,500	15,400	14,400	240
250	54.1	271.1	15,800	14,900	13,900	15,800	14,900	13,900	250
260	51.9	261.3	15,300	14,400	13,400	15,300	14,400	13,400	260
270	49.5	250.8	14,700	13,800	13,000	14,700	13,800	13,000	270
280	47.1	239.3	14,200	13,400	12,600	14,200	13,400	12,600	280
290	44.5	226.7	13,700	13,000	12,200	13,700	13,000	12,200	290
300	41.8	212.9	13,300	12,600	11,900	13,300	12,600	11,900	300
310	38.9	197.5	13,000	12,200	11,500	13,000	12,200	11,500	310
320	35.6	180.1	12,600	11,900	11,300	12,600	11,900	11,300	320
330	32.1	160.1	12,300	11,600	11,000	12,300	11,600	11,000	330
340	27.9	136.2	12,100	11,500	10,900	12,100	11,500	10,900	340
350									350

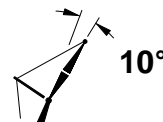
# MLC650 VPC-MAX S-2



242.8 ft



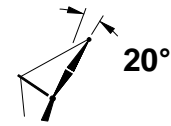
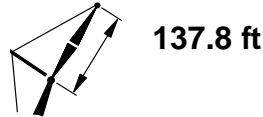
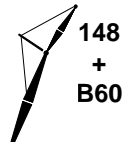
137.8 ft



10°

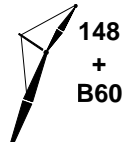
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
75	83.0	384.6	41,800			41,800			75
80	82.2	383.6	40,900			40,900			80
85	81.5	382.5	40,000	33,900		40,000	33,900		85
90	80.7	381.4	39,100	33,200	28,800	39,100	33,200	28,800	90
95	79.9	380.3	38,200	32,600	28,400	38,200	32,600	28,400	95
100	79.1	379.0	37,300	32,000	27,900	37,300	32,000	27,900	100
105	78.4	377.7	36,400	31,300	27,500	36,400	31,300	27,500	105
110	77.6	376.3	35,600	30,800	27,000	35,600	30,800	27,000	110
115	76.8	374.8	34,700	30,200	26,500	34,700	30,200	26,500	115
120	76.0	373.3	33,900	29,600	26,100	33,900	29,600	26,100	120
130	74.4	369.9	32,300	28,400	25,200	32,300	28,400	25,200	130
140	72.8	366.3	30,800	27,300	24,200	30,800	27,300	24,200	140
150	71.2	362.4	29,400	26,200	23,400	29,400	26,200	23,400	150
160	69.6	358.1	28,100	25,100	22,500	28,100	25,100	22,500	160
170	67.9	353.4	26,800	24,100	21,700	26,800	24,100	21,700	170
180	66.2	348.5	25,500	23,100	21,000	25,500	23,100	21,000	180
190	64.5	343.1	24,400	22,200	20,200	24,400	22,200	20,200	190
200	62.8	337.3	23,300	21,300	19,400	23,300	21,300	19,400	200
210	61.0	331.2	22,300	20,400	18,700	22,300	20,400	18,700	210
220	59.2	324.6	21,300	19,600	18,000	21,300	19,600	18,000	220
230	57.4	317.5	20,400	18,800	17,400	20,400	18,800	17,400	230
240	55.5	309.9	19,600	18,100	16,700	19,600	18,100	16,700	240
250	53.5	301.8	18,800	17,300	16,100	18,800	17,300	16,100	250
260	51.5	293.1	18,000	16,700	15,500	18,000	16,700	15,500	260
270	49.5	283.7	17,300	16,100	15,000	17,300	16,100	15,000	270
280	47.4	273.7	16,600	15,400	14,400	16,600	15,400	14,400	280
290	45.1	262.8	15,900	14,900	13,900	15,900	14,900	13,900	290
300	42.8	251.1	15,300	14,300	13,400	15,300	14,300	13,400	300
310	40.4	238.3	14,700	13,800	13,000	14,700	13,800	13,000	310
320	37.8	224.2	14,200	13,300	12,500	14,200	13,300	12,500	320
330	35.0	208.7	13,700	12,900	12,100	13,700	12,900	12,100	330
340	32.0	191.3	13,200	12,500	11,700	13,200	12,500	11,700	340
350	28.6	171.5	12,700	12,100	11,400	12,700	12,100	11,400	350
360	24.8	148.1	12,400	11,700	11,100	12,400	11,700	11,100	360
370	20.2	118.9	12,100	11,500	10,900	12,100	11,500	10,900	370

# MLC650 VPC-MAX S-2

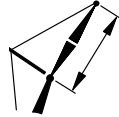


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
75									75
80									80
85									85
90									90
95									95
100	82.3	375.5	31,000			31,000			100
105	81.6	374.2	30,200	26,800		30,200	26,800		105
110	80.8	372.7	29,600	26,300	23,500	29,600	26,300	23,500	110
115	80.0	371.3	28,900	25,800	23,100	28,900	25,800	23,100	115
120	79.2	369.7	28,300	25,300	22,700	28,300	25,300	22,700	120
130	77.6	366.3	27,000	24,300	22,000	27,000	24,300	22,000	130
140	76.0	362.7	25,900	23,400	21,200	25,900	23,400	21,200	140
150	74.3	358.7	24,700	22,500	20,400	24,700	22,500	20,400	150
160	72.7	354.3	23,700	21,600	19,800	23,700	21,600	19,800	160
170	71.0	349.7	22,700	20,800	19,000	22,700	20,800	19,000	170
180	69.3	344.6	21,800	20,000	18,400	21,800	20,000	18,400	180
190	67.6	339.2	20,900	19,200	17,700	20,900	19,200	17,700	190
200	65.8	333.4	20,000	18,600	17,100	20,000	18,600	17,100	200
210	64.0	327.1	19,300	17,900	16,500	19,300	17,900	16,500	210
220	62.2	320.4	18,500	17,200	16,000	18,500	17,200	16,000	220
230	60.3	313.2	17,800	16,600	15,400	17,800	16,600	15,400	230
240	58.4	305.6	17,100	16,000	14,900	17,100	16,000	14,900	240
250	56.4	297.3	16,600	15,400	14,400	16,600	15,400	14,400	250
260	54.4	288.5	16,000	14,900	13,900	16,000	14,900	13,900	260
270	52.3	279.0	15,400	14,400	13,600	15,400	14,400	13,600	270
280	50.2	268.7	14,800	14,000	13,100	14,800	14,000	13,100	280
290	47.9	257.7	14,400	13,600	12,700	14,400	13,600	12,700	290
300	45.5	245.6	13,900	13,100	12,300	13,900	13,100	12,300	300
310	43.0	232.5	13,500	12,700	12,000	13,500	12,700	12,000	310
320	40.4	218.1	13,100	12,400	11,700	13,100	12,400	11,700	320
330	37.5	202.1	12,800	12,100	11,400	12,800	12,100	11,400	330
340	34.4	184.1	12,400	11,800	11,200	12,400	11,800	11,200	340
350	30.8	163.3	12,200	11,600	11,000	12,200	11,600	11,000	350
360	26.8	138.4	12,000	11,400	10,800	12,000	11,400	10,800	360
370									370

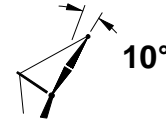
# MLC650 VPC-MAX S-2



262.5 ft



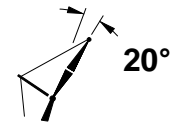
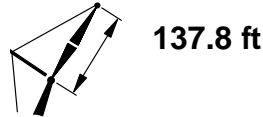
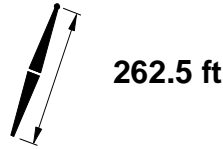
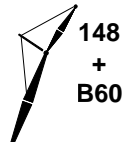
137.8 ft



10°

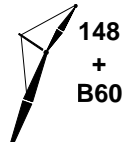
			38.7 ft			60.0 ft			
			0°	1°	2°	0°	1°	2°	
80	82.6	403.6	41,200			41,200			80
85	81.9	402.6	40,400			40,400			85
90	81.2	401.6	39,500			39,500			90
95	80.4	400.4	38,700			38,700			95
100	79.7	399.3	37,800			37,800			100
105	78.9	398.0	37,000			37,000			105
110	78.2	396.7	36,200			36,200			110
115	77.5	395.3	35,300			35,300			115
120	76.7	393.8	34,600			34,600			120
130	75.2	390.7	33,000			33,000			130
140	73.7	387.3	31,600			31,600			140
150	72.2	383.5	30,200			30,200			150
160	70.6	379.5	28,900			28,900			160
170	69.1	375.1	27,600			27,600			170
180	67.5	370.4	26,400			26,400			180
190	65.9	365.4	25,300			25,300			190
200	64.3	360.0	24,200			24,200			200
210	62.6	354.2	23,200			23,200			210
220	60.9	348.1	22,300			22,300			220
230	59.2	341.5	21,300			21,300			230
240	57.5	334.5	20,500			20,500			240
250	55.7	327.0	19,600			19,600			250
260	53.9	319.0	18,800			18,800			260
270	52.0	310.5	18,200			18,200			270
280	50.0	301.3	17,400			17,400			280
290	48.0	291.6	16,800			16,800			290
300	46.0	281.1	16,100			16,100			300
310	43.8	269.7	15,500			15,500			310
320	41.5	257.5	15,000			15,000			320
330	39.2	244.2	14,400			14,400			330
340	36.6	229.7	13,900			13,900			340
350	33.9	213.6	13,500			13,500			350
360	31.0	195.6	13,000			13,000			360
370	27.7	175.0	11,400			12,600			370
380	24.0	150.8	8,300			12,300			380
390	19.4	120.5				12,100			390

# MLC650 VPC-MAX S-2

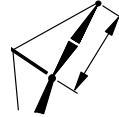


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95									95
100	82.7	395.7	31,300			31,300			100
105	82.0	394.4	30,600	27,000		30,600	27,000		105
110	81.2	393.1	29,900	26,500		29,900	26,500		110
115	80.5	391.6	29,300	26,100	23,300	29,300	26,100	23,300	115
120	79.7	390.2	28,700	25,600	22,900	28,700	25,600	22,900	120
130	78.2	387.0	27,500	24,700	22,100	27,500	24,700	22,100	130
140	76.7	383.5	26,300	23,700	21,500	26,300	23,700	21,500	140
150	75.2	379.8	25,300	22,900	20,800	25,300	22,900	20,800	150
160	73.6	375.7	24,300	22,000	20,100	24,300	22,000	20,100	160
170	72.0	371.3	23,300	21,200	19,400	23,300	21,200	19,400	170
180	70.4	366.5	22,400	20,400	18,800	22,400	20,400	18,800	180
190	68.8	361.4	21,500	19,800	18,100	21,500	19,800	18,100	190
200	67.2	356.0	20,700	19,100	17,500	20,700	19,100	17,500	200
210	65.5	350.2	19,900	18,400	16,900	19,900	18,400	16,900	210
220	63.8	343.9	19,200	17,700	16,400	19,200	17,700	16,400	220
230	62.1	337.3	18,400	17,100	15,900	18,400	17,100	15,900	230
240	60.3	330.2	17,800	16,500	15,400	17,800	16,500	15,400	240
250	58.5	322.6	17,100	16,000	14,900	17,100	16,000	14,900	250
260	56.6	314.5	16,600	15,400	14,500	16,600	15,400	14,500	260
270	54.7	305.8	16,000	15,000	14,100	16,000	15,000	14,100	270
280	52.7	296.5	15,500	14,600	13,600	15,500	14,600	13,600	280
290	50.7	286.6	15,000	14,100	13,200	15,000	14,100	13,200	290
300	48.6	275.9	14,600	13,700	12,800	14,600	13,700	12,800	300
310	46.4	264.3	14,100	13,200	12,500	14,100	13,200	12,500	310
320	44.1	251.8	13,700	12,900	12,100	13,700	12,900	12,100	320
330	41.6	238.2	13,300	12,500	11,900	13,300	12,500	11,900	330
340	39.0	223.2	13,000	12,200	11,500	13,000	12,200	11,500	340
350	36.2	206.6	12,600	11,900	11,300	12,600	11,900	11,300	350
360	33.2	187.9	12,400	11,700	11,100	12,400	11,700	11,100	360
370	29.7	166.3	12,200	11,500	10,900	12,200	11,500	10,900	370
380	25.7	140.5	9,500	8,600	7,700	12,000	11,400	10,800	380
390									390

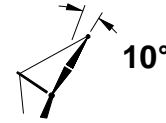
# MLC650 VPC-MAX S-2



282.2 ft



137.8 ft

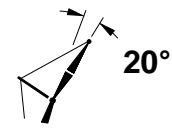
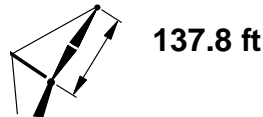
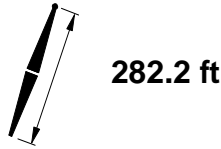
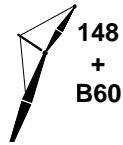


10°

ft	ft	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
80	83.0	423.6	41,500			41,500			80
85	82.3	422.7	40,700			40,700			85
90	81.6	421.7	39,900	33,700		39,900	33,700		90
95	80.9	420.6	39,100	33,100	28,500	39,100	33,100	28,500	95
100	80.2	419.5	38,200	32,500	28,200	38,200	32,500	28,200	100
105	79.5	418.3	37,500	32,000	27,800	37,500	32,000	27,800	105
110	78.8	417.0	36,700	31,400	27,400	36,700	31,400	27,400	110
115	78.1	415.7	35,900	30,900	27,000	35,900	30,900	27,000	115
120	77.4	414.3	35,200	30,400	26,600	35,200	30,400	26,600	120
130	75.9	411.3	33,700	29,300	25,700	33,700	29,300	25,700	130
140	74.5	408.1	32,300	28,300	25,000	32,300	28,300	25,000	140
150	73.1	404.5	31,000	27,300	24,200	31,000	27,300	24,200	150
160	71.6	400.7	29,700	26,300	23,400	29,700	26,300	23,400	160
170	70.1	396.6	28,400	25,300	22,700	28,400	25,300	22,700	170
180	68.6	392.2	27,300	24,400	22,000	27,300	24,400	22,000	180
190	67.1	387.4	26,100	23,500	21,300	26,100	23,500	21,300	190
200	65.6	382.4	25,100	22,700	20,500	25,100	22,700	20,500	200
210	64.0	376.9	24,100	21,800	19,900	24,100	21,800	19,900	210
220	62.5	371.2	23,100	21,000	19,200	23,100	21,000	19,200	220
230	60.9	365.0	22,200	20,300	18,500	22,200	20,300	18,500	230
240	59.2	358.5	21,300	19,600	18,000	21,300	19,600	18,000	240
250	57.6	351.5	20,500	18,900	17,400	20,500	18,900	17,400	250
260	55.9	344.1	19,700	18,200	16,800	19,700	18,200	16,800	260
270	54.1	336.2	19,000	17,600	16,200	19,000	17,600	16,200	270
280	52.4	327.8	18,300	17,000	15,700	18,300	17,000	15,700	280
290	50.5	318.9	17,600	16,400	15,200	17,600	16,400	15,200	290
300	48.6	309.4	17,000	15,800	14,700	17,000	15,800	14,700	300
310	46.7	299.2	16,300	15,300	14,300	16,300	15,300	14,300	310
320	44.7	288.2	15,800	14,700	13,800	15,800	14,700	13,800	320
330	42.6	276.5	15,200	14,300	13,300	15,200	14,300	13,300	330
340	40.4	263.8	14,700	13,800	13,000	14,700	13,800	13,000	340
350	38.0	250.0	14,300	13,300	12,600	14,300	13,300	12,600	350
360	35.6	234.9	13,800	12,900	12,200	13,800	12,900	12,200	360
370	32.9	218.3	12,100	10,900	9,600	13,300	12,600	11,800	370
380	30.0	199.6	9,000	7,800	6,800	12,900	12,200	11,500	380
390	26.8	178.4				12,600	11,900	11,200	390
400	23.2	153.3				12,200	11,600	11,000	400
410	18.7	121.9				12,000	11,400	10,700	410

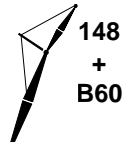


# MLC650 VPC-MAX S-2

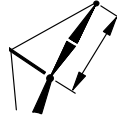


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
80									80
85									85
90									90
95									95
100									100
105	82.4	414.6	30,900			30,900			105
110	81.7	413.3	30,200	26,700		30,200	26,700		110
115	81.0	412.0	29,600	26,300	23,400	29,600	26,300	23,400	115
120	80.2	410.6	29,000	25,800	23,100	29,000	25,800	23,100	120
130	78.8	407.6	27,900	24,900	22,400	27,900	24,900	22,400	130
140	77.4	404.3	26,800	24,000	21,700	26,800	24,000	21,700	140
150	75.9	400.7	25,800	23,200	21,000	25,800	23,200	21,000	150
160	74.4	396.8	24,800	22,400	20,300	24,800	22,400	20,300	160
170	72.9	392.7	23,800	21,600	19,700	23,800	21,600	19,700	170
180	71.4	388.2	23,000	20,900	19,100	23,000	20,900	19,100	180
190	69.9	383.4	22,000	20,200	18,500	22,000	20,200	18,500	190
200	68.4	378.3	21,200	19,500	17,900	21,200	19,500	17,900	200
210	66.8	372.8	20,500	18,800	17,300	20,500	18,800	17,300	210
220	65.2	367.0	19,800	18,300	16,900	19,800	18,300	16,900	220
230	63.6	360.8	19,000	17,700	16,400	19,000	17,700	16,400	230
240	61.9	354.1	18,400	17,100	15,900	18,400	17,100	15,900	240
250	60.2	347.1	17,800	16,500	15,300	17,800	16,500	15,300	250
260	58.5	339.6	17,200	16,000	14,900	17,200	16,000	14,900	260
270	56.8	331.6	16,600	15,600	14,500	16,600	15,600	14,500	270
280	55.0	323.1	16,100	15,100	14,100	16,100	15,100	14,100	280
290	53.1	314.0	15,600	14,600	13,600	15,600	14,600	13,600	290
300	51.2	304.3	15,100	14,200	13,300	15,100	14,200	13,300	300
310	49.2	293.9	14,700	13,700	12,900	14,700	13,700	12,900	310
320	47.1	282.8	14,200	13,400	12,600	14,200	13,400	12,600	320
330	45.0	270.8	13,800	13,000	12,200	13,800	13,000	12,200	330
340	42.7	257.8	13,500	12,700	12,000	13,500	12,700	12,000	340
350	40.4	243.6	13,200	12,400	11,700	13,200	12,400	11,700	350
360	37.8	228.1	12,800	12,100	11,400	12,800	12,100	11,400	360
370	35.1	210.9	12,500	11,900	11,200	12,500	11,900	11,200	370
380	32.1	191.5	10,800	9,600	8,500	12,300	11,600	11,000	380
390	28.7	169.2	7,400			12,100	11,400	10,800	390
400	24.8	142.4				12,000	11,400	10,800	400
410									410

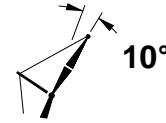
# MLC650 VPC-MAX S-2



301.8 ft



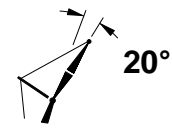
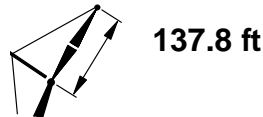
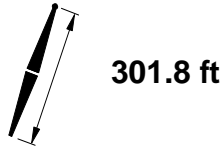
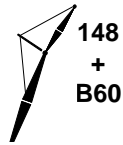
137.8 ft



10°

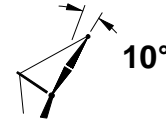
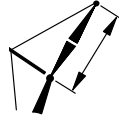
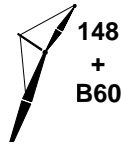
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.6	442.7	40,900			40,900			85
90	82.0	441.7	40,100			40,100			90
95	81.3	440.7	39,400			39,400			95
100	80.6	439.6	38,600			38,600			100
105	80.0	438.5	37,900			37,900			105
110	79.3	437.3	37,100			37,100			110
115	78.6	436.0	36,400			36,400			115
120	77.9	434.7	35,700			35,700			120
130	76.6	431.9	34,300			34,300			130
140	75.2	428.8	32,900			32,900			140
150	73.9	425.4	31,600			31,600			150
160	72.5	421.8	30,300			30,300			160
170	71.1	417.9	29,200			29,200			170
180	69.7	413.7	28,000			28,000			180
190	68.2	409.2	26,900			26,900			190
200	66.8	404.4	25,900			25,900			200
210	65.3	399.3	24,900			24,900			210
220	63.8	393.9	23,900			23,900			220
230	62.3	388.1	23,000			23,000			230
240	60.8	381.9	22,200			22,200			240
250	59.2	375.4	21,300			21,300			250
260	57.7	368.5	20,600			20,600			260
270	56.1	361.2	19,900			19,900			270
280	54.4	353.4	19,100			19,100			280
290	52.7	345.2	18,400			18,400			290
300	51.0	336.4	17,800			17,800			300
310	49.2	327.1	17,200			17,200			310
320	47.4	317.1	16,600			16,600			320
330	45.5	306.5	16,000			16,000			330
340	43.5	295.1	15,500			15,500			340
350	41.4	283.0	15,000			15,000			350
360	39.3	269.8	12,400			14,500	13,600	12,700	360
370	37.0	255.5	9,100			14,000	13,200	12,400	370
380	34.6	240.0				13,600	12,800	12,100	380
390	32.0	222.8				13,200	12,500	11,700	390
400	29.2	203.6				12,800	12,100	11,400	400
410	26.0	181.6				12,500	11,800	11,100	410
420	22.4	155.8				12,200	11,600	10,900	420
430	18.0	123.3				12,000	11,300	10,700	430

# MLC650 VPC-MAX S-2



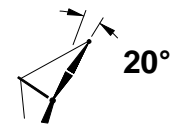
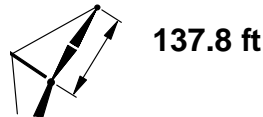
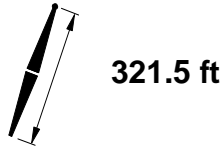
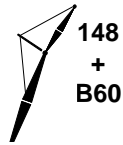
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100									100
105	82.7	434.7	31,100			31,100			105
110	82.1	433.5	30,500			30,500			110
115	81.4	432.2	29,900	26,400		29,900	26,400		115
120	80.7	430.9	29,300	26,000	23,200	29,300	26,000	23,200	120
130	79.3	428.0	28,300	25,100	22,500	28,300	25,100	22,500	130
140	78.0	424.9	27,200	24,300	21,900	27,200	24,300	21,900	140
150	76.6	421.5	26,200	23,600	21,200	26,200	23,600	21,200	150
160	75.2	417.9	25,200	22,800	20,600	25,200	22,800	20,600	160
170	73.8	413.9	24,300	22,100	20,000	24,300	22,100	20,000	170
180	72.3	409.7	23,400	21,300	19,400	23,400	21,300	19,400	180
190	70.9	405.1	22,600	20,600	18,800	22,600	20,600	18,800	190
200	69.4	400.3	21,800	19,900	18,300	21,800	19,900	18,300	200
210	68.0	395.1	21,000	19,300	17,700	21,000	19,300	17,700	210
220	66.5	389.6	20,300	18,700	17,200	20,300	18,700	17,200	220
230	64.9	383.8	19,600	18,100	16,800	19,600	18,100	16,800	230
240	63.4	377.6	19,000	17,600	16,300	19,000	17,600	16,300	240
250	61.8	371.0	18,400	17,000	15,800	18,400	17,000	15,800	250
260	60.2	364.0	17,800	16,500	15,300	17,800	16,500	15,300	260
270	58.6	356.6	17,200	16,000	14,900	17,200	16,000	14,900	270
280	56.9	348.7	16,700	15,600	14,500	16,700	15,600	14,500	280
290	55.2	340.3	16,200	15,100	14,100	16,200	15,100	14,100	290
300	53.4	331.4	15,700	14,600	13,700	15,700	14,600	13,700	300
310	51.6	321.9	15,200	14,300	13,300	15,200	14,300	13,300	310
320	49.7	311.8	14,800	13,900	13,000	14,800	13,900	13,000	320
330	47.8	301.0	14,300	13,500	12,700	14,300	13,500	12,700	330
340	45.8	289.4	14,000	13,200	12,400	14,000	13,200	12,400	340
350	43.7	277.0	13,600	12,900	12,100	13,600	12,900	12,100	350
360	41.5	263.5	13,300	12,500	11,800	13,300	12,500	11,800	360
370	39.2	248.9	11,700	10,100	8,700	13,000	12,200	11,500	370
380	36.7	232.9	8,300	6,900		12,700	12,000	11,400	380
390	34.0	215.1				12,400	11,800	11,100	390
400	31.1	195.1				12,200	11,600	11,000	400
410	27.8	172.0				12,100	11,500	10,800	410
420									420
430									430

# MLC650 VPC-MAX S-2



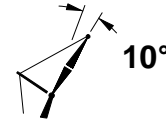
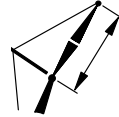
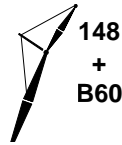
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
85	82.9	462.6	41,100			41,100			85
90	82.3	461.7	40,400			40,400			90
95	81.7	460.8	39,700	33,300		39,700	33,300		95
100	81.0	459.7	38,900	32,800		38,900	32,800		100
105	80.4	458.6	38,200	32,300	27,800	38,200	32,300	27,800	105
110	79.8	457.5	37,500	31,900	27,500	37,500	31,900	27,500	110
115	79.1	456.3	36,800	31,300	27,200	36,800	31,300	27,200	115
120	78.5	455.0	36,100	30,800	26,800	36,100	30,800	26,800	120
130	77.2	452.3	34,800	29,900	26,100	34,800	29,900	26,100	130
140	75.9	449.4	33,500	29,000	25,400	33,500	29,000	25,400	140
150	74.6	446.2	32,200	28,100	24,700	32,200	28,100	24,700	150
160	73.3	442.7	31,000	27,200	24,000	31,000	27,200	24,000	160
170	71.9	439.0	29,900	26,300	23,300	29,900	26,300	23,300	170
180	70.6	435.0	28,800	25,400	22,700	28,800	25,400	22,700	180
190	69.2	430.8	27,600	24,600	22,000	27,600	24,600	22,000	190
200	67.9	426.2	26,600	23,800	21,400	26,600	23,800	21,400	200
210	66.5	421.4	25,700	23,000	20,700	25,700	23,000	20,700	210
220	65.1	416.2	24,700	22,300	20,200	24,700	22,300	20,200	220
230	63.6	410.8	23,800	21,600	19,600	23,800	21,600	19,600	230
240	62.2	405.0	22,900	20,800	19,000	22,900	20,800	19,000	240
250	60.7	398.9	22,200	20,200	18,400	22,200	20,200	18,400	250
260	59.3	392.4	21,400	19,500	17,800	21,400	19,500	17,800	260
270	57.7	385.5	20,600	18,900	17,300	20,600	18,900	17,300	270
280	56.2	378.3	19,900	18,300	16,800	19,900	18,300	16,800	280
290	54.6	370.6	19,200	17,700	16,400	19,200	17,700	16,400	290
300	53.0	362.4	18,600	17,200	15,900	18,600	17,200	15,900	300
310	51.4	353.8	17,900	16,600	15,400	17,900	16,600	15,400	310
320	49.7	344.7	17,300	16,100	15,000	17,300	16,100	15,000	320
330	47.9	335.0	16,800	15,600	13,900	16,800	15,600	14,500	330
340	46.2	324.6	14,600	12,500	10,500	16,200	15,100	14,100	340
350	44.3	313.6	11,000	9,100	7,200	15,700	14,600	13,700	350
360	42.4	301.9	7,600			15,200	14,200	13,300	360
370	40.4	289.3				14,700	13,800	12,900	370
380	38.3	275.7				14,300	13,400	12,600	380
390	36.0	260.9				13,900	13,100	12,200	390
400	33.7	244.9				13,500	12,700	11,900	400
410	31.1	227.2				13,100	12,400	11,600	410
420	28.4	207.4				12,700	12,100	11,300	420
430	25.3	184.7				12,500	11,700	11,000	430
440	21.7	158.1				12,200	11,500	10,800	440
450	17.4	124.5				12,000	11,300	10,700	450

# MLC650 VPC-MAX S-2



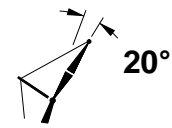
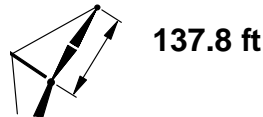
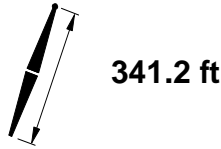
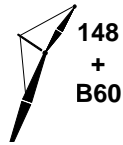
ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
85									85
90									90
95									95
100									100
105									105
110	82.4	453.6	30,800			30,800			110
115	81.8	452.4	30,200	26,500		30,200	26,500		115
120	81.1	451.2	29,600	26,100		29,600	26,100		120
130	79.8	448.4	28,600	25,400	22,600	28,600	25,400	22,600	130
140	78.5	445.5	27,600	24,600	22,000	27,600	24,600	22,000	140
150	77.2	442.2	26,600	23,800	21,400	26,600	23,800	21,400	150
160	75.8	438.7	25,700	23,100	20,800	25,700	23,100	20,800	160
170	74.5	435.0	24,800	22,400	20,200	24,800	22,400	20,200	170
180	73.1	431.0	23,900	21,700	19,600	23,900	21,700	19,600	180
190	71.8	426.7	23,100	21,000	19,100	23,100	21,000	19,100	190
200	70.4	422.1	22,300	20,400	18,600	22,300	20,400	18,600	200
210	69.0	417.2	21,600	19,700	18,000	21,600	19,700	18,000	210
220	67.6	412.0	20,800	19,100	17,600	20,800	19,100	17,600	220
230	66.1	406.5	20,200	18,600	17,000	20,200	18,600	17,000	230
240	64.7	400.6	19,600	18,100	16,600	19,600	18,100	16,600	240
250	63.2	394.4	18,900	17,500	16,100	18,900	17,500	16,100	250
260	61.7	387.9	18,400	17,000	15,700	18,400	17,000	15,700	260
270	60.2	380.9	17,800	16,400	15,300	17,800	16,400	15,300	270
280	58.6	373.6	17,200	16,000	14,800	17,200	16,000	14,800	280
290	57.0	365.8	16,700	15,600	14,500	16,700	15,600	14,500	290
300	55.4	357.5	16,200	15,100	14,100	16,200	15,100	14,100	300
310	53.7	348.8	15,700	14,800	13,700	15,700	14,800	13,700	310
320	52.0	339.5	15,300	14,300	13,400	15,300	14,300	13,400	320
330	50.2	329.6	14,900	13,900	13,100	14,900	13,900	13,100	330
340	48.4	319.1	14,500	13,600	12,800	14,500	13,600	12,800	340
350	46.5	307.9	14,100	12,500	10,500	14,100	13,200	12,500	350
360	44.6	295.9	10,900	9,000	7,200	13,700	13,000	12,200	360
370	42.5	283.0	7,400			13,500	12,600	11,900	370
380	40.4	269.1				13,200	12,400	11,700	380
390	38.1	254.0				12,900	12,100	11,500	390
400	35.6	237.4				12,600	11,900	11,200	400
410	33.0	219.1				12,400	11,700	11,000	410
420	30.1	198.4				12,200	11,500	10,900	420
430	26.9	174.6				12,000	11,400	10,800	430
440									440
450									450

# MLC650 VPC-MAX S-2



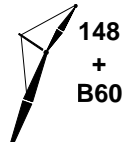
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
90	82.6	481.7	40,500			40,500			90
95	82.0	480.8	39,900			39,900			95
100	81.4	479.8	39,200	32,900		39,200	32,900		100
105	80.8	478.8	38,500	32,400	27,800	38,500	32,400	27,800	105
110	80.2	477.7	37,900	31,900	27,500	37,900	31,900	27,500	110
115	79.6	476.5	37,200	31,400	27,200	37,200	31,400	27,200	115
120	79.0	475.3	36,500	31,000	26,900	36,500	31,000	26,900	120
130	77.7	472.7	35,200	30,100	26,200	35,200	30,100	26,200	130
140	76.5	469.9	34,000	29,300	25,600	34,000	29,300	25,600	140
150	75.2	466.8	32,800	28,400	24,900	32,800	28,400	24,900	150
160	74.0	463.6	31,600	27,600	24,200	31,600	27,600	24,200	160
170	72.7	460.0	30,500	26,700	23,600	30,500	26,700	23,600	170
180	71.4	456.2	29,400	25,900	23,000	29,400	25,900	23,000	180
190	70.1	452.2	28,300	25,100	22,400	28,300	25,100	22,400	190
200	68.8	447.8	27,300	24,300	21,700	27,300	24,300	21,700	200
210	67.5	443.2	26,400	23,600	21,100	26,400	23,600	21,100	210
220	66.2	438.4	25,500	22,800	20,600	25,500	22,800	20,600	220
230	64.8	433.2	24,600	22,100	20,000	24,600	22,100	20,000	230
240	63.5	427.7	23,700	21,400	19,400	23,700	21,400	19,400	240
250	62.1	421.9	22,900	20,800	18,900	22,900	20,800	18,900	250
260	60.7	415.8	22,200	20,100	18,300	22,200	20,100	18,300	260
270	59.3	409.4	21,400	19,500	17,800	21,400	19,500	17,800	270
280	57.8	402.5	20,700	18,900	17,300	20,700	18,900	17,300	280
290	56.3	395.3	20,000	18,300	16,800	20,000	18,300	16,800	290
300	54.8	387.7	19,300	17,800	16,300	19,300	17,800	16,300	300
310	53.3	379.7	18,700	17,300	15,900	18,700	17,300	15,900	310
320	51.7	371.2	18,100	16,700	15,500	18,100	16,700	15,500	320
330	50.1	362.2	17,500	16,200	15,000	17,500	16,200	15,000	330
340	48.5	352.7	17,000	14,600	12,300	17,000	15,700	14,600	340
350	46.8	342.7	13,300	11,100	9,000	16,500	15,300	14,200	350
360	45.0	332.0	9,700	7,700		15,900	14,800	13,800	360
370	43.2	320.6				15,400	14,400	13,400	370
380	41.3	308.4				15,000	14,000	13,100	380
390	39.4	295.4				14,500	13,600	12,800	390
400	37.3	281.4				14,200	13,200	12,400	400
410	35.1	266.2				13,700	12,900	12,100	410
420	32.8	249.6				13,300	12,600	11,800	420
430	30.3	231.4				13,000	12,300	11,500	430
440	27.6	211.0				12,600	12,000	11,200	440
450	24.6	187.7				12,400	11,700	11,000	450
460	21.1	160.3				12,100	11,500	10,800	460
470	16.8	125.6				12,000	11,300	10,700	470

# MLC650 VPC-MAX S-2

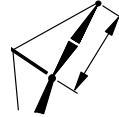


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105									105
110	82.7	473.8	30,900			30,900			110
115	82.1	472.6	30,400			30,400			115
120	81.5	471.4	29,900	26,300		29,900	26,300		120
130	80.2	468.8	28,900	25,500	22,700	28,900	25,500	22,700	130
140	79.0	465.9	27,900	24,700	22,100	27,900	24,700	22,100	140
150	77.7	462.8	27,000	24,100	21,500	27,000	24,100	21,500	150
160	76.5	459.5	26,000	23,300	21,000	26,000	23,300	21,000	160
170	75.2	455.9	25,200	22,600	20,400	25,200	22,600	20,400	170
180	73.9	452.1	24,400	22,000	19,900	24,400	22,000	19,900	180
190	72.6	448.0	23,600	21,300	19,400	23,600	21,300	19,400	190
200	71.3	443.7	22,700	20,700	18,900	22,700	20,700	18,900	200
210	69.9	439.0	22,100	20,100	18,400	22,100	20,100	18,400	210
220	68.6	434.1	21,300	19,500	17,800	21,300	19,500	17,800	220
230	67.2	428.9	20,700	19,000	17,400	20,700	19,000	17,400	230
240	65.9	423.3	20,100	18,400	16,900	20,100	18,400	16,900	240
250	64.5	417.5	19,500	17,900	16,500	19,500	17,900	16,500	250
260	63.0	411.3	18,900	17,400	16,000	18,900	17,400	16,000	260
270	61.6	404.8	18,300	16,900	15,700	18,300	16,900	15,700	270
280	60.1	397.9	17,700	16,400	15,300	17,700	16,400	15,300	280
290	58.7	390.6	17,200	16,000	14,900	17,200	16,000	14,900	290
300	57.1	382.9	16,800	15,600	14,500	16,800	15,600	14,500	300
310	55.6	374.7	16,300	15,200	14,100	16,300	15,200	14,100	310
320	54.0	366.1	15,900	14,800	13,800	15,900	14,800	13,800	320
330	52.4	357.0	15,400	14,400	13,400	15,400	14,400	13,400	330
340	50.7	347.4	15,000	14,100	13,100	15,000	14,100	13,100	340
350	49.0	337.1	14,600	13,700	12,600	14,600	13,700	12,800	350
360	47.2	326.2	13,300	11,200	9,100	14,300	13,400	12,500	360
370	45.3	314.6	9,700	7,700		13,900	13,100	12,300	370
380	43.4	302.2				13,600	12,800	12,000	380
390	41.4	288.9				13,300	12,500	11,800	390
400	39.3	274.5				13,000	12,200	11,500	400
410	37.1	259.0				12,800	12,000	11,400	410
420	34.7	241.9				12,500	11,800	11,100	420
430	32.1	223.0				12,300	11,600	10,900	430
440	29.3	201.7				12,100	11,500	10,800	440
450	26.1	177.2				12,000	11,300	10,700	450
460									460
470									470

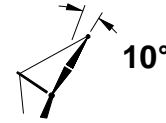
# MLC650 VPC-MAX S-2



360.9 ft



137.8 ft

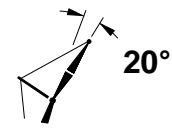
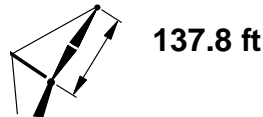
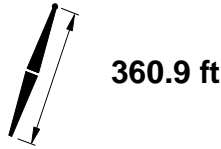
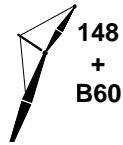


10°

ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
90	82.9	501.7	40,600			40,600			90
95	82.3	500.8	40,000			40,000			95
100	81.8	499.8	39,300	32,900		39,300	32,900		100
105	81.2	498.9	38,600	32,400		38,600	32,400		105
110	80.6	497.8	38,000	32,000	27,300	38,000	32,000	27,300	110
115	80.0	496.7	37,400	31,500	27,000	37,400	31,500	27,000	115
120	79.4	495.5	36,800	31,100	26,800	36,800	31,100	26,800	120
130	78.2	493.1	35,600	30,200	26,200	35,600	30,200	26,200	130
140	77.0	490.4	34,300	29,400	25,600	34,300	29,400	25,600	140
150	75.8	487.4	33,200	28,600	24,900	33,200	28,600	24,900	150
160	74.6	484.3	32,000	27,700	24,300	32,000	27,700	24,300	160
170	73.4	480.9	30,900	27,000	23,700	30,900	27,000	23,700	170
180	72.2	477.3	29,900	26,200	23,100	29,900	26,200	23,100	180
190	71.0	473.4	28,900	25,400	22,500	28,900	25,400	22,500	190
200	69.7	469.3	27,900	24,700	21,900	27,900	24,700	21,900	200
210	68.5	464.9	26,900	23,900	21,400	26,900	23,900	21,400	210
220	67.2	460.3	26,000	23,200	20,800	26,000	23,200	20,800	220
230	65.9	455.3	25,100	22,500	20,300	25,100	22,500	20,300	230
240	64.6	450.1	24,300	21,800	19,700	24,300	21,800	19,700	240
250	63.3	444.7	23,500	21,200	19,200	23,500	21,200	19,200	250
260	62.0	438.9	22,700	20,600	18,700	22,700	20,600	18,700	260
270	60.6	432.8	21,900	20,000	18,200	21,900	20,000	18,200	270
280	59.3	426.3	21,300	19,400	17,700	21,300	19,400	17,700	280
290	57.9	419.5	20,600	18,800	17,200	20,600	18,800	17,200	290
300	56.5	412.4	19,900	18,200	16,800	19,900	18,200	16,800	300
310	55.0	404.9	19,300	17,700	16,300	19,300	17,700	16,300	310
320	53.6	396.9	18,700	17,100	14,300	18,700	17,200	15,800	320
330	52.1	388.6	15,900	13,100	10,500	18,200	16,800	15,500	330
340	50.5	379.7	12,000	9,400	7,000	17,600	16,200	15,000	340
350	49.0	370.4	8,200			17,100	15,800	14,600	350
360	47.4	360.6				16,600	15,300	14,300	360
370	45.7	350.1				16,100	14,900	13,900	370
380	44.0	339.1				15,500	14,500	13,500	380
390	42.2	327.3				15,100	14,100	13,200	390
400	40.4	314.7				14,700	13,700	12,900	400
410	38.4	301.3				14,300	13,400	12,500	410
420	36.4	286.9				13,900	13,100	12,200	420
430	34.3	271.3				13,600	12,700	12,000	430
440	32.0	254.2				13,200	12,400	11,600	440
450	29.6	235.5				12,900	12,200	11,400	450
460	26.9	214.5				12,600	11,900	11,200	460
470	23.9	190.6				12,300	11,700	11,000	470
480	20.5	162.3				12,100	11,500	10,800	480
490	16.2	126.6				11,900	11,300	10,700	490

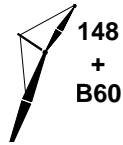


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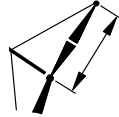


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
90									90
95									95
100									100
105									105
110									110
115	82.4	492.7	30,600			30,600			115
120	81.8	491.5	30,100	26,300		30,100	26,300		120
130	80.6	489.1	29,100	25,600	22,600	29,100	25,600	22,600	130
140	79.4	486.3	28,200	24,900	22,100	28,200	24,900	22,100	140
150	78.2	483.4	27,200	24,200	21,500	27,200	24,200	21,500	150
160	77.0	480.2	26,300	23,500	21,000	26,300	23,500	21,000	160
170	75.8	476.8	25,500	22,800	20,500	25,500	22,800	20,500	170
180	74.6	473.1	24,700	22,200	20,000	24,700	22,200	20,000	180
190	73.3	469.2	23,900	21,600	19,500	23,900	21,600	19,500	190
200	72.1	465.1	23,100	21,000	19,000	23,100	21,000	19,000	200
210	70.8	460.6	22,500	20,400	18,600	22,500	20,400	18,600	210
220	69.5	456.0	21,800	19,800	18,100	21,800	19,800	18,100	220
230	68.2	451.0	21,100	19,300	17,600	21,100	19,300	17,600	230
240	66.9	445.7	20,500	18,700	17,200	20,500	18,700	17,200	240
250	65.6	440.2	19,900	18,200	16,800	19,900	18,200	16,800	250
260	64.3	434.3	19,300	17,700	16,300	19,300	17,700	16,300	260
270	62.9	428.2	18,800	17,300	15,900	18,800	17,300	15,900	270
280	61.5	421.7	18,200	16,800	15,500	18,200	16,800	15,500	280
290	60.1	414.8	17,700	16,400	15,100	17,700	16,400	15,100	290
300	58.7	407.6	17,200	16,000	14,800	17,200	16,000	14,800	300
310	57.2	399.9	16,800	15,500	14,400	16,800	15,500	14,400	310
320	55.7	391.9	16,300	15,200	14,100	16,300	15,200	14,100	320
330	54.2	383.4	15,900	14,800	13,800	15,900	14,800	13,800	330
340	52.7	374.5	15,400	13,800	11,200	15,400	14,500	13,400	340
350	51.1	365.0	12,500	10,000	7,600	15,100	14,100	13,100	350
360	49.4	355.0	8,700			14,700	13,800	12,900	360
370	47.8	344.4				14,300	13,500	12,600	370
380	46.0	333.1				14,000	13,100	12,400	380
390	44.2	321.2				13,700	12,900	12,100	390
400	42.3	308.3				13,400	12,600	11,900	400
410	40.4	294.6				13,100	12,300	11,600	410
420	38.3	279.8				12,900	12,100	11,500	420
430	36.1	263.8				12,600	11,900	11,200	430
440	33.8	246.2				12,500	11,700	11,000	440
450	31.2	226.7				12,200	11,600	10,900	450
460	28.4	204.9				12,100	11,500	10,900	460
470	25.3	179.6				12,000	11,400	10,800	470
480									480
490									490

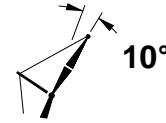
# MLC650 VPC-MAX S-2



380.6 ft



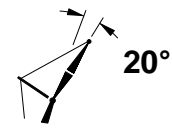
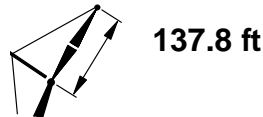
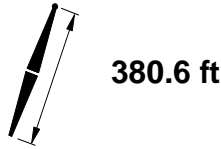
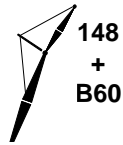
137.8 ft



10°

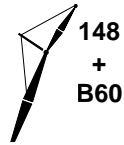
ft	°	ft	38.7 ft			60.0 ft			ft
			0°	1°	2°	0°	1°	2°	
			lb	lb	lb	lb	lb	lb	
95	82.6	520.8	39,900			39,900			95
100	82.1	519.9	39,300			39,300			100
105	81.5	518.9	38,700	32,300		38,700	32,300		105
110	80.9	517.9	38,200	31,900	27,200	38,200	31,900	27,200	110
115	80.4	516.8	37,600	31,500	26,900	37,600	31,500	26,900	115
120	79.8	515.7	37,000	31,100	26,700	37,000	31,100	26,700	120
130	78.7	513.3	35,800	30,300	26,100	35,800	30,300	26,100	130
140	77.5	510.8	34,600	29,400	25,600	34,600	29,400	25,600	140
150	76.4	508.0	33,600	28,700	25,000	33,600	28,700	25,000	150
160	75.2	504.9	32,400	27,900	24,400	32,400	27,900	24,400	160
170	74.1	501.7	31,300	27,200	23,800	31,300	27,200	23,800	170
180	72.9	498.2	30,300	26,400	23,200	30,300	26,400	23,200	180
190	71.7	494.5	29,300	25,700	22,600	29,300	25,700	22,600	190
200	70.5	490.6	28,400	25,000	22,100	28,400	25,000	22,100	200
210	69.3	486.4	27,400	24,300	21,600	27,400	24,300	21,600	210
220	68.1	482.0	26,600	23,600	21,100	26,600	23,600	21,100	220
230	66.9	477.3	25,700	22,900	20,500	25,700	22,900	20,500	230
240	65.7	472.3	24,900	22,300	20,000	24,900	22,300	20,000	240
250	64.4	467.1	24,000	21,600	19,500	24,000	21,600	19,500	250
260	63.2	461.6	23,300	21,000	19,000	23,300	21,000	19,000	260
270	61.9	455.8	22,600	20,400	18,500	22,600	20,400	18,500	270
280	60.6	449.7	21,800	19,900	18,000	21,800	19,900	18,000	280
290	59.3	443.3	21,200	19,300	17,600	21,200	19,300	17,600	290
300	58.0	436.5	20,500	18,700	17,200	20,500	18,700	17,200	300
310	56.6	429.4	19,900	18,200	16,700	19,900	18,200	16,700	310
320	55.2	422.0	19,000	15,900	12,900	19,300	17,700	16,300	320
330	53.8	414.1	14,900	11,900	9,200	18,700	17,200	15,800	330
340	52.4	405.9	10,900	8,200		18,200	16,800	15,500	340
350	50.9	397.2	7,200			17,600	16,300	15,100	350
360	49.4	388.0				17,100	15,800	14,700	360
370	47.9	378.4				16,600	15,400	14,300	370
380	46.3	368.2				16,200	15,000	13,900	380
390	44.7	357.4				15,800	14,600	13,600	390
400	43.0	346.0				15,300	14,300	13,200	400
410	41.3	333.9				14,900	13,900	12,900	410
420	39.5	320.9				14,500	13,600	12,600	420
430	37.6	307.1				14,100	13,200	12,400	430
440	35.6	292.2				13,800	12,900	12,100	440
450	33.5	276.2				13,400	12,600	11,800	450
460	31.3	258.7				13,100	12,300	11,500	460
470	28.9	239.4				12,800	12,100	11,300	470
480	26.3	217.9				12,500	11,800	11,200	480
490	23.3	193.4				12,300	11,600	10,900	490
500	19.9	164.3				12,100	11,400	10,800	500
510	15.7	127.4				11,900	11,300	10,700	510

# MLC650 VPC-MAX S-2

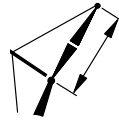


ft	°	ft	38.7 ft			60.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
95									95
100									100
105									105
110									110
115	82.7	512.8	30,700			30,700			115
120	82.2	511.7	30,200			30,200			120
130	81.0	509.3	29,300	25,600		29,300	25,600		130
140	79.9	506.7	28,400	25,000	22,100	28,400	25,000	22,100	140
150	78.7	503.8	27,500	24,300	21,600	27,500	24,300	21,600	150
160	77.5	500.8	26,600	23,700	21,100	26,600	23,700	21,100	160
170	76.4	497.5	25,800	23,000	20,600	25,800	23,000	20,600	170
180	75.2	494.0	25,000	22,400	20,100	25,000	22,400	20,100	180
190	74.0	490.3	24,300	21,800	19,600	24,300	21,800	19,600	190
200	72.8	486.3	23,500	21,200	19,200	23,500	21,200	19,200	200
210	71.6	482.1	22,800	20,600	18,800	22,800	20,600	18,800	210
220	70.4	477.6	22,200	20,100	18,300	22,200	20,100	18,300	220
230	69.1	472.9	21,500	19,600	17,900	21,500	19,600	17,900	230
240	67.9	467.9	20,900	19,000	17,400	20,900	19,000	17,400	240
250	66.6	462.6	20,300	18,500	17,000	20,300	18,500	17,000	250
260	65.4	457.1	19,700	18,100	16,600	19,700	18,100	16,600	260
270	64.1	451.2	19,200	17,700	16,200	19,200	17,700	16,200	270
280	62.8	445.0	18,600	17,200	15,800	18,600	17,200	15,800	280
290	61.4	438.6	18,100	16,800	15,500	18,100	16,800	15,500	290
300	60.1	431.7	17,600	16,400	15,100	17,600	16,400	15,100	300
310	58.7	424.5	17,200	15,900	14,700	17,200	15,900	14,700	310
320	57.3	417.0	16,700	15,500	14,400	16,700	15,500	14,400	320
330	55.9	409.1	16,300	15,100	13,900	16,300	15,100	14,100	330
340	54.4	400.7	15,700	12,800	10,100	15,900	14,800	13,800	340
350	53.0	391.9	11,700	9,000	6,500	15,500	14,500	13,400	350
360	51.4	382.6	7,900			15,100	14,200	13,200	360
370	49.9	372.8				14,800	13,800	12,900	370
380	48.3	362.5				14,400	13,500	12,700	380
390	46.6	351.5				14,100	13,200	12,400	390
400	44.9	339.9				13,800	13,000	12,100	400
410	43.2	327.5				13,500	12,700	11,900	410
420	41.3	314.3				13,200	12,400	11,700	420
430	39.4	300.2				13,000	12,200	11,500	430
440	37.3	284.9				12,700	12,100	11,300	440
450	35.2	268.4				12,500	11,900	11,100	450
460	32.9	250.4				12,300	11,700	11,100	460
470	30.4	230.4				12,200	11,500	10,900	470
480	27.7	207.9				12,100	11,400	10,800	480
490	24.6	181.9				12,000	11,400	10,800	490
500									500
510									510

# MLC650 VPC-MAX S-2



400.3 ft



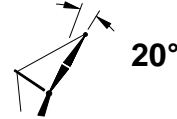
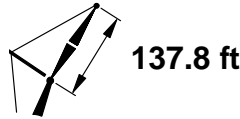
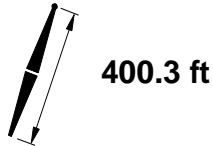
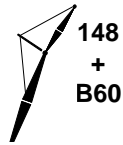
137.8 ft



10°

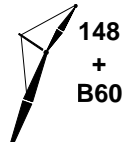
ft	ft	ft	38.7 ft		60.0 ft	
			lb	lb	lb	lb
95	82.9	540.7	40,000	40,000	95	
100	82.4	539.9	39,400	39,400	100	
105	81.8	538.9	38,800	38,800	105	
110	81.3	538.0	38,200	38,200	110	
115	80.7	536.9	37,700	37,700	115	
120	80.2	535.9	37,100	37,100	120	
130	79.1	533.6	36,000	36,000	130	
140	78.0	531.1	34,900	34,900	140	
150	76.9	528.4	33,800	33,800	150	
160	75.8	525.5	32,800	32,800	160	
170	74.7	522.4	31,800	31,800	170	
180	73.6	519.1	30,800	30,800	180	
190	72.4	515.5	29,800	29,800	190	
200	71.3	511.7	28,900	28,900	200	
210	70.1	507.7	28,000	28,000	210	
220	69.0	503.5	27,100	27,100	220	
230	67.8	499.0	26,300	26,300	230	
240	66.6	494.3	25,500	25,500	240	
250	65.5	489.3	24,700	24,700	250	
260	64.3	484.0	23,900	23,900	260	
270	63.0	478.5	23,200	23,200	270	
280	61.8	472.7	22,500	22,500	280	
290	60.6	466.6	21,800	21,800	290	
300	59.3	460.2	21,200	21,200	300	
310	58.0	453.5	18,600	20,500	310	
320	56.7	446.5	14,100	20,000	320	
330	55.4	439.1	9,900	19,400	330	
340	54.0	431.3		18,800	340	
350	52.7	423.2		18,300	350	
360	51.3	414.6		17,800	360	
370	49.8	405.6		17,300	370	
380	48.4	396.1		16,800	380	
390	46.9	386.1		16,300	390	
400	45.3	375.6		15,900	400	
410	43.7	364.5		15,500	410	
420	42.1	352.7		15,100	420	
430	40.4	340.2		14,700	430	
440	38.6	326.9		14,300	440	
450	36.7	312.7		13,900	450	
460	34.8	297.5		13,600	460	
470	32.8	281.0		13,300	470	
480	30.6	263.0		13,000	480	
490	28.2	243.3		12,700	490	
500	25.6	221.2		12,500	500	
510	22.7	196.0		12,100	510	
520	19.4	166.2		9,300	520	

# MLC650 VPC-MAX S-2

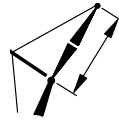


			 38.7 ft		 60.0 ft	
			 0°	 0°	 20°	
ft	°	ft	lb	lb	ft	
95					95	
100					100	
105					105	
110					110	
115					115	
120	82.5	531.8	30,400	30,400	120	
130	81.4	529.5	29,500	29,500	130	
140	80.2	527.0	28,600	28,600	140	
150	79.1	524.3	27,700	27,700	150	
160	78.0	521.3	26,900	26,900	160	
170	76.9	518.2	26,100	26,100	170	
180	75.8	514.8	25,300	25,300	180	
190	74.6	511.2	24,600	24,600	190	
200	73.5	507.4	23,900	23,900	200	
210	72.3	503.4	23,200	23,200	210	
220	71.2	499.1	22,600	22,600	220	
230	70.0	494.6	21,900	21,900	230	
240	68.8	489.8	21,300	21,300	240	
250	67.6	484.8	20,700	20,700	250	
260	66.4	479.5	20,200	20,200	260	
270	65.1	473.9	19,600	19,600	270	
280	63.9	468.1	19,100	19,100	280	
290	62.6	461.9	18,600	18,600	290	
300	61.4	455.5	18,100	18,100	300	
310	60.1	448.7	17,600	17,600	310	
320	58.7	441.5	17,100	17,100	320	
330	57.4	434.0	15,300	16,800	330	
340	56.0	426.2	11,100	16,300	340	
350	54.7	417.9	7,100	16,000	350	
360	53.2	409.3		15,500	360	
370	51.8	400.1		15,200	370	
380	50.3	390.5		14,800	380	
390	48.8	380.4		14,600	390	
400	47.2	369.7		14,200	400	
410	45.6	358.4		13,900	410	
420	43.9	346.4		13,600	420	
430	42.2	333.7		13,400	430	
440	40.4	320.1		13,100	440	
450	38.5	305.6		12,900	450	
460	36.5	289.9		12,600	460	
470	34.4	273.0		12,500	470	
480	32.1	254.4		12,300	480	
490	29.6	233.9		12,100	490	
500	26.9	210.8		12,100	500	
510					510	
520					520	

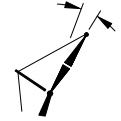
# MLC650 VPC-MAX S-2



419.9 ft



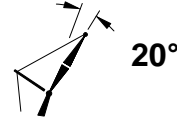
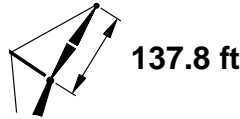
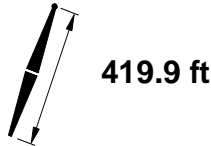
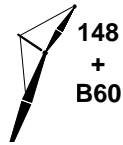
137.8 ft



10°

ft	ft	ft	38.7 ft		60.0 ft	
			lb	lb	lb	lb
100	82.6	559.8	39,300	39,300	39,300	100
105	82.1	558.9	38,700	38,700	38,700	105
110	81.6	558.0	38,200	38,200	38,200	110
115	81.1	557.0	37,700	37,700	37,700	115
120	80.5	556.0	37,200	37,200	37,200	120
130	79.5	553.8	36,100	36,100	36,100	130
140	78.4	551.4	35,100	35,100	35,100	140
150	77.4	548.8	34,100	34,100	34,100	150
160	76.3	546.0	33,100	33,100	33,100	160
170	75.2	543.0	32,100	32,100	32,100	170
180	74.2	539.8	31,100	31,100	31,100	180
190	73.1	536.4	30,200	30,200	30,200	190
200	72.0	532.8	29,300	29,300	29,300	200
210	70.9	528.9	28,500	28,500	28,500	210
220	69.8	524.9	27,600	27,600	27,600	220
230	68.7	520.6	26,700	26,700	26,700	230
240	67.5	516.1	26,000	26,000	26,000	240
250	66.4	511.3	25,200	25,200	25,200	250
260	65.2	506.3	24,500	24,500	24,500	260
270	64.1	501.0	23,800	23,800	23,800	270
280	62.9	495.5	23,000	23,000	23,000	280
290	61.7	489.7	22,400	22,400	22,400	290
300	60.5	483.6	21,800	21,800	21,800	300
310	59.3	477.2	17,200	21,100	21,100	310
320	58.1	470.5	12,800	20,500	20,500	320
330	56.8	463.5	8,600	20,000	20,000	330
340	55.5	456.2		19,400	19,400	340
350	54.2	448.5		18,900	18,900	350
360	52.9	440.4		18,400	18,400	360
370	51.6	432.0		17,800	17,800	370
380	50.2	423.1		17,400	17,400	380
390	48.8	413.8		16,900	16,900	390
400	47.4	404.0		16,400	16,400	400
410	45.9	393.7		16,100	16,100	410
420	44.4	382.9		15,600	15,600	420
430	42.8	371.4		15,200	15,200	430
440	41.2	359.3		14,900	14,900	440
450	39.5	346.5		14,500	14,500	450
460	37.8	332.8		14,100	14,100	460
470	36.0	318.2		13,800	13,800	470
480	34.1	302.6		13,500	13,500	480
490	32.0	285.7		13,200	13,200	490
500	29.9	267.3		12,900	12,900	500
510	27.6	247.0		10,800	10,800	510
520	25.0	224.4		8,100	8,100	520

# MLC650 VPC-MAX S-2



			 38.7 ft		 60.0 ft	
			 0°	 0°	 20°	
ft	°	ft	lb	lb	ft	
100					100	
105					105	
110					110	
115					115	
120	82.7	551.9	30,400	30,400	120	
130	81.7	549.6	29,600	29,600	130	
140	80.6	547.2	28,700	28,700	140	
150	79.5	544.6	27,900	27,900	150	
160	78.5	541.8	27,100	27,100	160	
170	77.4	538.8	26,300	26,300	170	
180	76.3	535.5	25,600	25,600	180	
190	75.2	532.1	24,900	24,900	190	
200	74.1	528.5	24,200	24,200	200	
210	73.0	524.6	23,500	23,500	210	
220	71.9	520.5	22,900	22,900	220	
230	70.7	516.2	22,300	22,300	230	
240	69.6	511.6	21,700	21,700	240	
250	68.5	506.8	21,100	21,100	250	
260	67.3	501.7	20,500	20,500	260	
270	66.1	496.4	20,000	20,000	270	
280	64.9	490.8	19,500	19,500	280	
290	63.7	485.0	19,000	19,000	290	
300	62.5	478.8	18,500	18,500	300	
310	61.3	472.4	18,000	18,000	310	
320	60.0	465.6	17,600	17,600	320	
330	58.8	458.5	14,200	17,100	330	
340	57.5	451.1	9,900	16,800	340	
350	56.2	443.3		16,300	350	
360	54.8	435.2		16,000	360	
370	53.5	426.6		15,700	370	
380	52.1	417.6		15,300	380	
390	50.7	408.2		15,000	390	
400	49.2	398.3		14,600	400	
410	47.7	387.8		14,300	410	
420	46.2	376.8		14,100	420	
430	44.6	365.1		13,700	430	
440	42.9	352.8		13,500	440	
450	41.2	339.7		13,200	450	
460	39.5	325.8		13,000	460	
470	37.6	310.8		12,800	470	
480	35.6	294.8		12,600	480	
490	33.6	277.4		12,400	490	
500	31.3	258.4		12,300	500	
510	28.9	237.3		12,100	510	
520	26.3	213.6		9,200	520	