

Center of Gravity

Boom No. B60:500

**MLC300
VPC-MAX**

WEIGHT AND CENTER OF GRAVITY		
	Dimension (in.)	Weight (lb)
A	0.0	131,713
B	58.3	
C	146.6	128,568
D	228.7	
SERIES 1		
E min	160.3	338,104
E mid	400.2	
E max	559.0	
F	19.3	
SERIES 2		
E min	157.0	426,104
E mid	403.7	
E max	562.5	
F	31.4	
SERIES 3		
E min	154.8	514,104
E mid	406.0	
E max	564.8	
F	42.7	

E mid is the maximum counterweight position prior to beam extension.

LATTICE WEIGHTS		
Jib Length (ft)	Jib No. 148	
	WJB (lb)	WJT (lb)
39.4	6,506	3,279
59.1	7,117	4,040
78.7	7,741	4,790
98.4	8,381	5,526
118.1	8,941	6,001
137.8	9,611	6,706

LATTICE WEIGHTS		
Boom Length (ft)	Boom No. B60:500	
	WBB (lb)	WBT (lb)
137.8	46,450	38,720
157.5	50,008	40,632
177.2	52,766	41,291
196.9	55,864	43,685
216.5	58,389	44,588
236.2	61,237	47,247
255.9	63,806	48,597
275.6	66,646	51,264
295.3	68,609	51,953
315.0	71,451	54,617
334.6	73,212	55,519
354.3	76,228	58,001
374.0	77,820	59,081
393.7	80,714	61,690

REFERENCE DIMENSIONS (in.)	
G	85.7
H	60.0
J	137.7
K	167.7
M	18.0
N	133.9
48 in. Pads	
P	20.3
R	43.1
T	47.3
60 in. Pads	
P	53.0
R	57.1
T	60.0

Note 1: Weight of all load blocks, hooks, weight ball, slings, hoist lines etc., beneath boom and jib point sheaves is not considered part of boom and jib weights. All items suspended from boom or jib must be considered part of the load.

Note 2: Consult proper crane capacity chart for lifting capacities and allowable boom and jib combinations.

Not to be used for crane rating purposes.

