

## POWER SUPPLY REQUIREMENTS

Voltage: 208V to 240V, 3 Phase  
 Frequency: 60 Hz  
 Breaker Size: 30A Single, 60A Twin

## MACHINE SPECIFICATIONS

Platform Speed: 23 ft/min  
 Maximum Height:  
     Anchored: 660 ft  
     Freestanding: 33 ft  
 Anchor Distance: 26 ft  
 Mast Height Above Top Anchor: 10 ft  
 Standard Extension: 3'-3"<sup>1</sup>  
 Motors (Vertical Travel): 2 x 2.1kW<sup>2</sup>  
 Motors (Horizontal Travel): Call for availability  
 Control Voltage: 42V  
 Starting Current: 80A<sup>2</sup>  
 Running Current: 24A<sup>2</sup>

## COMPONENT WEIGHTS

Drive Unit: 1903 lb  
 4'-11" Deck: 308 lb  
 4'-11" Fence: 40 lb  
 2'-7" Deck: 198 lb  
 2'-7" Fence: 26 lb  
 End Fence: 132b  
 Stairs: 50 lb  
 Ground Frame: 209 lb  
 Chassis: 1700 lb  
 Mast (4'-11"): 171 lb

## LOAD CHART SINGLE

Length	Capacity									
8'-9"	5060				C	A	C			
13'-4"	4840				B	A	B			
18'-7"	4400			C	B	A	B	C		
23'-2"	3960			B	B	A	B	B		
28'-5"	3520	C	B	B	A	B	B	C		
33'-0"	3000	B	B	B	A	B	B	B		
38'-3"	CALL	C	B	B	B	A	B	B	B	C

A = Drive Unit, B = 4'-11" Deck, C = 2'-7" Deck

## LOAD CHART TWIN

MSM		Outside	Mast	Between	Mast	Outside
Length	Capacity	Mast		Masts		Mast
26'-8"	7700	0	Mast	4	Mast	0
31'-7"	7700	0	Mast	5	Mast	0
36'-6"	8800	1	Mast	4	Mast	1
36'-6"	7700	0	Mast	6	Mast	0
41'-5"	8360	1	Mast	5	Mast	1
41'-5"	5940	0	Mast	7	Mast	0
46'-4"	7920	2	Mast	4	Mast	2
46'-4"	7920	1	Mast	6	Mast	1
46'-4"	4400	0	Mast	8	Mast	0
51'-3"	7480	2	Mast	5	Mast	2
51'-3"	7260	1	Mast	7	Mast	1
56'-2"	7260	2	Mast	6	Mast	2
56'-3"	5280	1	Mast	8	Mast	1
61'-2"	6820	2	Mast	7	Mast	2
66'-1"	6380	3	Mast	6	Mast	3
66'-1"	5940	2	Mast	8	Mast	2
71'-0"	5940	3	Mast	7	Mast	3
75'-11"	5500	3	Mast	8	Mast	3
80'-10" *	6050 *	4	Mast	3+M*	Mast	4
80'-10" *	6050 *	3	Mast	5+M*	Mast	3
80'-10" *	6050 *	2	Mast	7+M*	Mast	2
85'-9" *	5650 *	4	Mast	4+M*	Mast	4
85'-9" *	5650 *	3	Mast	6+M*	Mast	3
85'-9" *	2390 *	2	Mast	8+M*	Mast	2
90'-8" *	5280 *	4	Mast	5+M*	Mast	4
90'-8" *	5280 *	3	Mast	7+M*	Mast	3
95'-7" *	4880 *	4	Mast	6+M*	Mast	4
95'-7" *	4880 *	3	Mast	8+M*	Mast	3
100'-6" *	4510 *	4	Mast	7+M*	Mast	4
105'-5" *	4110 *	4	Mast	8+M*	Mast	4

\* Denotes use of MegaDeck

<sup>1</sup> Refer to User's Manual to determine the capacity of a given configuration with extensions across the length of the platform.

<sup>2</sup> Specifications are per drive unit / chassis.

**NOTE:** Decks should be composed of Steel S-355. Refer to User's Manual for method of identification.