Mechanisms

480 V - 60 Hz											hp	kW	
	50 LVF 25 Optima	fpm	126	166	221	313	66	85	115	157	50	37	1,827 ft
		USt	5.5	4.1	2.8	1.1	11	8.3	5.5	2.5			
	90 HPL™ 25	fpm	213	279	392	518	707	110	146	203	271 353	90	66	3,136 ft
		USt	5.5	4.1	2.8	1.4	0.4	11	8.3	5.5	2.8 1.3			
	60 VVH 140	min	2								60	45	
	RVF 152 Optima +	rpm	0 → 0.8								2 x 5.5	2 x 4	
			🛈										

🔌 IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	50 LVF: 107 kVA 90 HPL™: 139 → 103 kVA 🕐

50 LVF 25 Optima
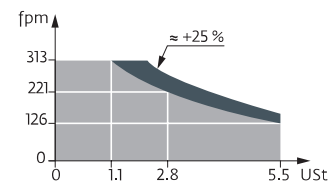
These mast combinations meet the EN 14439 and ASME B30.3-2016 specifications for "out of service" wind conditions, provided the illustrated wind speed matches required design wind speed for the location of the tower crane. The "out of service" design wind speed was determined in accordance with ASCE 7-10, Figure 26.5-1A. The wind velocity, used for this configuration was 98 mph (158 kph), which represents a nominal design 3-second wind gust at 33 ft (10 m) above ground for Exposure B category. A factor of 0.85 was applied to the 700-year ultimate design wind speed of 115 mph (185 kph), per ASCE 37-02, with the assumption that this crane is considered a temporary structure used during a construction period of 2 years or less.

☐	Standard equipment	(■)	Weathervaning position	kVA	Required power
⬚	Options		Lorry 44 ft	🕐	Power Control Function: winch speeds adapted to the available power
●	Reactions in service	|||||||	Container High Cube 40 ft, and/or Flat Rack 20 ft	🛈	Consult us
■	Reactions out of service		Hoisting		
▲▼	Jib weight		Luffing		
▲	Total ballast weight		Slewing		
⊗	Jib articulation axis		Travelling		

⚠ This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.