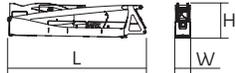
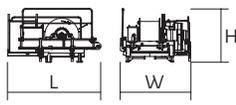
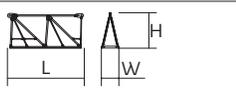
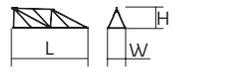
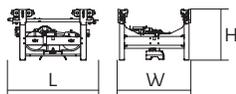
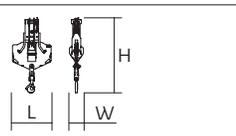
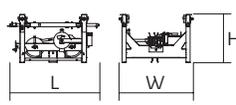
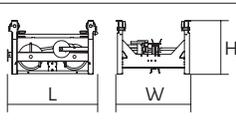
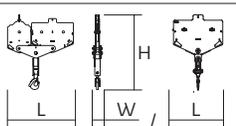
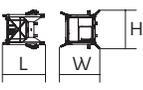
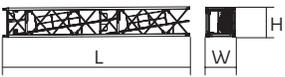
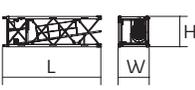
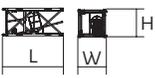
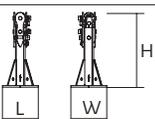
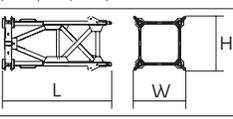
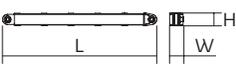
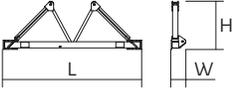
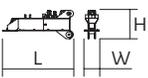


Dimensions and weight

Slewing crane part:  213 ft -  50 LVF



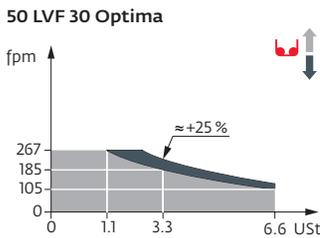
Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		36.1 36.1	3.8 3.8	8.1 8.1	19,213 18,629
Towerhead + cab		15.6	7.5	8.4	17,372
Hoisting winch (+ rope)		10.6 10.6	8.1 10.8	6.2 5.8	6,945 9,235
Jib section		35.5	5.6	9	7,959
Jib section		33.8 33.5 33.6 33.4	3.9 3.9 3.9 3.9	7.9 7.8 6.9 6	5,335 3,439 2,723 1,753
Jib section		17.3 16.7	3.9 3.9	7.8 5	2,116 683
Jib section		16.7	3.9	4.6	485
Trolley		6.1	5	3.4	882
Pulley block		3.9	1.4	7.6	1,003
Trolley		5.2	5	3.2	463
Trolley		5.6 6.1	5 5	3 3.2	540 520
Pulley block		5.4 3.6	0.7 0.9	5.8 5.3	992 584

Crane tower	L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Telescopic cage T 41 	5.2 ft	35.6	12.3	13.5 15,653
K40/K40-2 	5.2 ft	7.3	6.9	6.8 2,932
K 447E KM 447E KM 449E 	5.2 ft	33.5 33.5 33.5	5.3 5.3 5.3	5.3 5.3 5.3 7,474 7,088 8,830
K 447A KMT 447A K 449A KMT 449A 	5.2 ft	17.1 17.1 17.1 17.1	5.5 5.5 5.5 5.5	5.3 5.3 5.3 5.3 4,079 3,847 4,916 4,696
K 447C KMT 447C 	5.2 ft	11.3 11.6	5.5 5.5	5.3 5.3 2,998 2,976
Fixing angles 	P 24A / P 42A	1.8	1.8	3.8 529
Basic mast unit 	S 41A	11.9	6.4	6.8 7,132
Struts 	S 41A	10.4	0.9	0.8 816
Half-bearer 	S 41A	16.7	2	5.8 2,315
Cross girder 	ZD 463	25.1	3.8	4.5 7,904
1/2 Cross girder 	ZD 463	11.2	2.3	4.4 3,649

Mechanisms

480 V - 60 Hz											hp	kW			
	50 LVF 30 Optima	fpm	105	135	185	267	54	71	97	135	50	37	1,106 ft		
		USt	6.6	5	3.3	1.1	13.2	9.9	6.6	2.5					
	90 HPL™ 30	fpm	176	228	326	469	723	90	120	172	244	361	90	66	2,434 ft
		USt	6.6	5	3.3	1.7	0.2	13.2	9.9	6.6	3.3	0.9			
	6 DVF 4 Optima	fpm	0 → 164 (13.2 USt) 0 → 328 (6.6 USt) 0 → 394 (3.3 USt)								5.5	4			
	RVF 162 Optima+	rpm	0 → 0.9								2 x 7.5	2 x 5.5			

480 V (+6% -10%) 60 Hz	50 LVF: 58 → 38 kVA	
	90 HPL™: 90 → 54 kVA	



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.

- Jib elevation
- Total ballast weight
- Travelling
- Standard equipment
- Jib weight
- Required power
- Options
- Lorry 44 ft
- Power Control Function: wind speeds adapted to the available power
- Potain Plus function: Plus load curves
- Container High Cube 40 ft, and/or Flat Rack 20 ft
- Consult us
- Hook heights with Plus load curves
- Hoisting
- Reactions in service
- Trolleying
- Reactions out of service
- Slewing

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

