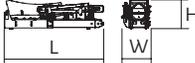
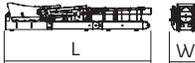
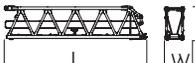
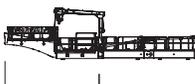
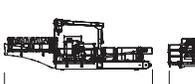
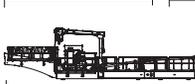
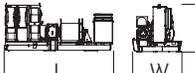
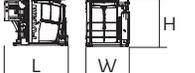
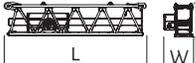
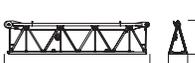
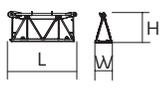
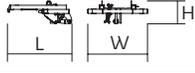
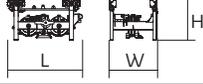
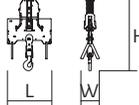
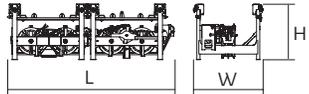
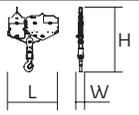
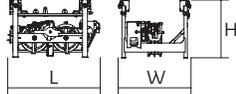
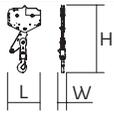
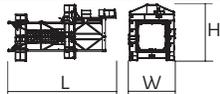
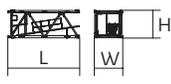
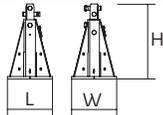
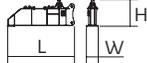
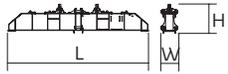


Dimensions and weight

Slewing crane part:  262 ft -  -  -  180 HPL™



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		25.9	7.4	7.4	23,171
		39.4	7.4	7.4	31,978
		34	4.5	8.1	21,142
	 180 HPL™ 320 LVF GH	39.7	21.9	13.7	27,040
	 180 HPL™ 320 LVF GH	52.8	21.9	13.7	35,891
	 180 HPL™	39.7	21.9	13.7	43,738
	 180 HPL™	52.8	21.9	13.7	52,589
Hoisting winch (+ rope)	 180 HPL™ 320 LVF GH	15.8 18.4	6.3 7.2	6.5 7.8	16,698 31,150
Cab	 Ultra View	11	7.5	8.2	6,614
Towerhead	 8 ft	8.5	8.2	9.7	34,392
		22.5	8.2	9.7	41,006
Jib section	 ①	25.6	5.1	8.2	27,893
	 ② ③	34.5 34.1	7.3 4.8	8.2 8.1	27,133 18,683
	 ④	20.9	4.5	7.9	8,754
	 ⑤ ⑦ ⑪	34.4 33.9 33.2	4.5 4.5 4.5	7.8 7.5 6.4	10,983 7,043 3,103

		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Jib section		17.8	4.5	7.7	4,859
		17.3	4.5	7.3	3,013
		17.3	4.5	6.8	2,175
		17.3	4.5	6.7	1,955
		5.5	5.2	1.9	728
Trolley		8.6	5.7	5.2	2,678
Pulley block		6.2	2.6	10.4	3,120
Trolley		13.8	5.9	4.9	3,219
Pulley block		7.5	1.1	9.7	2,888
Trolley		6.9	5.9	4.9	1,720
Pulley block		5	1.1	10	1,786
Trolley inspection platform		3.1	3.4	7	125
<b>Crane tower</b>					
T 851		36.7	15.9	19	34,723
K 85/K 85-2		7.3	10.7	8.2	7,937
KM 850.10B KM 850.14B KMT 850.10A KMT 850.14A K 88/K 85A2 KM 880.10A KMT 880.10A KMT 850.10C		33.9 33.9 17.5 17.5 17.5 17.8 17.8 12	8.3 8.3 8.3 8.3 8.2 8.3 8.3 8.3	8.2 8.2 8.2 8.2 8.2 8.3 8.6 8.2	22,201 24,670 12,015 13,206 18,281 18,453 19,180 9,326
Fixing angles		3 3.3	3 3.3	4.9 6.2	2,072 3,536
1/2 Cross girder		18.7	3.2	7.4	14,176
Cross girder		39	4.7	7.4	30,865

Mechanisms

480 V - 60 Hz													hp	kW	
	180 HPL™ 80	fpm	139	172	230	358	495	71	87	115	184	248	180	132	1,660 ft
		USt	17.6	13.2	8.8	4.4	2	35.3	26.5	17.6	8.8	5.2			
	320 LVF 80 GH Optima	fpm	277	351	474	663	705	138	176	243	353	320	240	3,488 ft	
		USt	17.6	13.2	8.8	4.4	3.6	35.3	26.5	17.6	9.4				
	15 DVF 16 Optima	fpm	0 → 108 (35.3 USt) 0 → 164 (22 USt) 0 → 220 (11 USt) 0 → 328 (2.8 USt)									15	11		
	RVF 174 Optima +	rpm	0 → 0.7									4 x 10	4 x 7.5		

480 V (+6% -10%) 60 Hz	180 HPL™: 194 → 122 kVA	
	320 LVF GH: 306 → 178 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
- Standard equipment
- Options
- Potain Plus function: Plus load curves
- Hook heights with Plus load curves
- Reactions in service
- Reactions out of service
- Total ballast weight
- Lorry 44 ft
- Container High Cube 40 ft, and/or Flat Rack 20 ft
- Hoisting
- Trolleying
- Slewing
- Travelling
- Required power
- Power Control Function: winch speeds adapted to the available power
- Consult us

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

