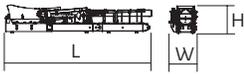
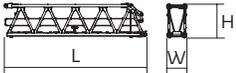
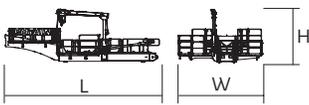
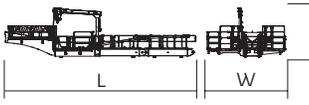
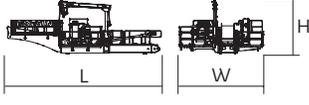
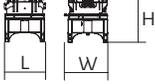
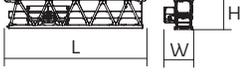
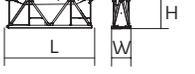
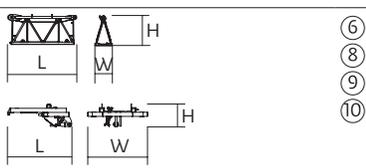
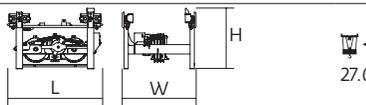
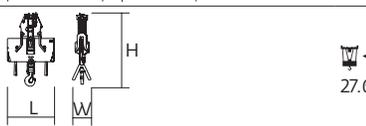
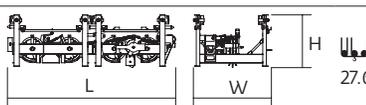
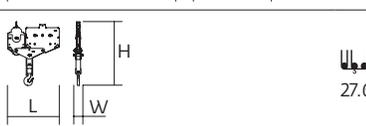
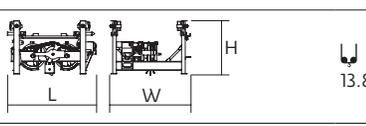
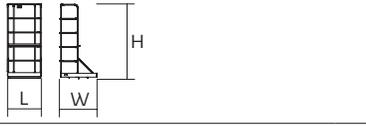
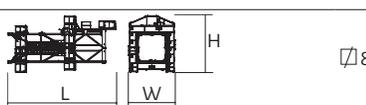
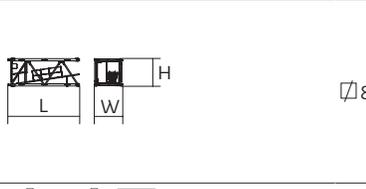
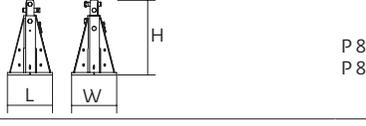
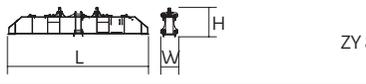


Dimensions and weight

Slewing crane part:  262 ft -  132 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
	 132 HPL™ 180 HPL™ GH	39.7 39.7	18.6 21.9	13.7 13.7	26,533 27,040
	 132 HPL™ 180 HPL™ GH	52.8 52.8	18.6 21.9	13.7 13.7	35,384 35,891
	 132 HPL™ 180 HPL™ GH	39.7 39.7	18.6 21.9	13.7 13.7	37,920 46,322
	 132 HPL™ 180 HPL™ GH	52.8 52.8	18.6 21.9	13.7 13.7	46,771 55,173
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
Hoisting winch (+ rope)	 132 HPL™ 180 HPL™ GH	12.4 15.8	6.1 6.3	6.2 6.5	11,387 19,282
Jib section	 ①	25.6	5.1	8.2	27,637
	 ② ③	34.5 34.1	7.3 4.8	8.2 8.1	26,030 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	714	
Trolley		7.3	5.7	4.7	1,676
Pulley block		5.1	1.9	8	1,874
Trolley		12.5	5.6	4.1	2,469
Pulley block		6.3	1.1	7.7	2,028
Trolley		6.6	5.6	4.1	1,323
Pulley block		4.1	1.1	8.5	1,345
Trolley inspection platform		3.1	3.4	7	125
Crane tower					
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 8.6 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	
	132 HPL™ 63	fpm	133	172	243	363	502	67	87	125	185	251	132	98	2,815 ft
		USt	13.8	10.4	6.9	3.4	1.1	27.6	20.7	13.8	6.9	2.9			
	180 HPL™ 63 GH	fpm	179	220	289	438	640	90	112	149	238	320	180	132	3,937 ft
		USt	13.8	10.4	6.9	3.4	0.9	27.6	20.7	13.8	6.9	3.3			
	10 DVF 10 Optima	fpm	0 → 217 (27.6 USt) 0 → 262 (22 USt) 0 → 328 (13.8 USt) 0 → 361 (6.9 USt)										10	7.4	
	RVF 174 Optima +	rpm	0 → 0.7										4 x 10	4 x 7.5	
480 V (+6% -10%) 60 Hz			132 HPL™: 152 → 99 kVA 180 HPL™ GH: 190 → 118 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.

