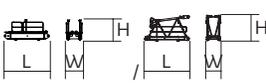
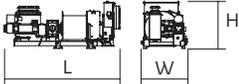
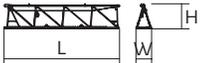
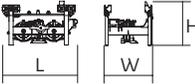
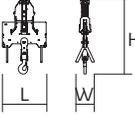
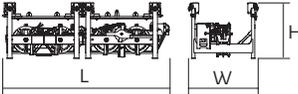
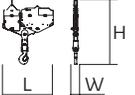
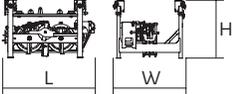
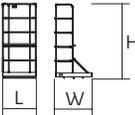
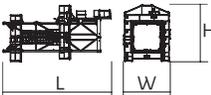
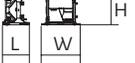
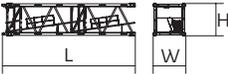
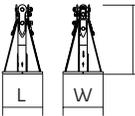
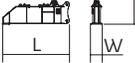


Dimensions and weight

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



Slewing crane part	L (ft)	W (ft)	H (ft)	lb (+/- 5%)	
Counter-jib		39.4	7.2	8.2	29,690
		39.4	7.2	8.2	39,432
		39.1	7.2	9.2	29,573
		15 14.2	5.3 4.5	6.6 8.1	9,590 6,993
		53.3	21.9	12.9	34,458
		66.5	21.9	12.9	43,343
Hoisting winch (+ rope)	 180 HPL™	15.8	6.3	6.5	16,698
Cab	 Ultra View	11	7.5	8.2	6,614
Towerhead	 8 ft	8.8	8.2	9.9	27,866
		21.9	8.2	9.9	34,480
Jib section	 ①	25.3	5.1	8.1	19,103
	 ②	34	7.4	8.1	19,335
	 ③	20.9	4.5	8	7,154
	 ④	34.1	4.5	7.8	9,466
	 ⑤	34.1	4.5	7.3	7,115
	 ⑦	33.6	4.5	7.2	4,991
	 ⑪	33.1	4.5	5.1	1,825
	 ⑥	17.6	4.5	7.3	3,007
	 ⑧	17.4	4.5	7	1,719
	 ⑨	17.1	4.5	6.1	1,464
 ⑩	17	4.5	5.2	1,246	

		L (ft)	W (ft)	H (ft)	Ib (+/- 5%)
Jib section		5.5	5.2	1.9	589
Trolley	 35.3 USt	8.6	5.7	5.2	2,678
Pulley block	 35.3 USt	6.2	2.6	10.4	3,120
Trolley	 35.3 USt	13.8	5.9	4.9	3,219
Pulley block	 35.3 USt	7.5	1.1	9.7	2,888
Trolley	 17.6 USt	6.9	5.9	4.9	1,720
Pulley block	 17.6 USt	5	1.1	10	1,786
Trolley inspection platform		3.1	3.4	7	125
Crane tower					
T 851	 8 ft	36.7	15.9	19	34,723
K 84/K 84-2	 8 ft	7.3	10.6	8.2	6,724
KRM 849B K 85/KR 84B2 KM 850.10B KM 850.14B K 85/KR 84A2 KMT 850.10A KMT 850.14A K 849A KMT 849A KR 849A KRMT 849A KRMT 849C KMT 850.10C	 8 ft	33.6 33.6 33.9 33.9 17.2 17.5 17.5 17.2 17.2 17.2 17.2 11.7 12	8.4 8.3 8.3 8.3 8.3 8.3 8.3 8.4 8.4 8.3 8.4 8.4 8.3	8.3 8.2 8.2 8.2 8.2 8.2 8.2 8.3 8.3 8.2 8.3 8.3 8.2	17,196 21,242 22,201 24,670 12,236 12,015 13,206 7,496 6,945 9,458 9,017 7,066 9,326
Fixing angles	 P 63A / P 800B P 854A	2.5 3	2.5 3	4.2 4.9	1,025 2,072
1/2 Cross girder	 ZY 800 ZY 854	18.6 18.7	3.2 3.2	6.3 7.4	10,406 14,176
Cross girder	 ZY 800 ZY 854	39.2 39	4.6 4.7	6.3 7.4	22,212 30,865

Mechanisms

480 V - 60 Hz													hp	kW	
	180 HPL™ 80	fpm USt	139 17.6	172 13.2	230 8.8	358 4.4	495 2	71 35.3	87 26.5	115 17.6	184 8.8	248 5.2	180	132	1,660 ft
	15 DVF 16 Optima	fpm	0 → 108 (35.3 USt) 0 → 164 (22 USt) 0 → 220 (11 USt) 0 → 328 (2.8 USt)												
	RVF 174 Optima +	rpm	0 → 0.7										4 x 10	4 x 7.5	

IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	194 → 122 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.

