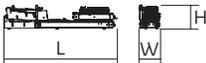
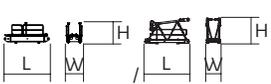
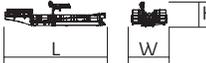
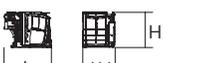
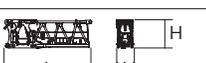
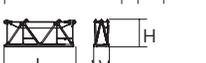
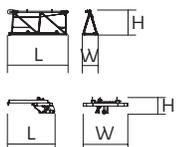
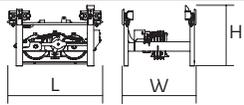
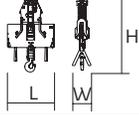
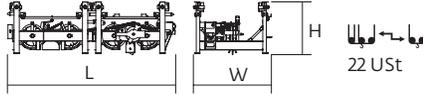
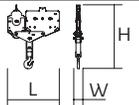
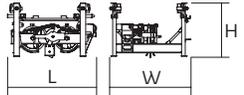
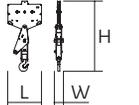
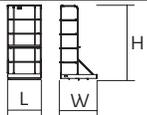
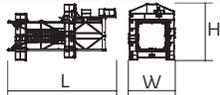
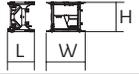
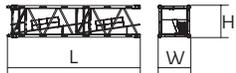
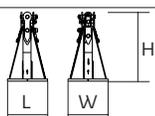
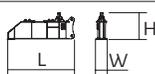


Dimensions and weight

Slewing crane part:  262 ft -  -  -  132 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	
	 132 HPL™ 180 HPL™ GH	53.3 53.3	18.6 21.9	12.9 12.9	32,902 34,458	
	 132 HPL™ 180 HPL™ GH	66.5 66.5	18.6 21.9	12.9 12.9	42,199 43,343	
	 132 HPL™	53.3	18.6	12.9	45,825	
	 132 HPL™	66.5	18.6	12.9	55,122	
	Hoisting winch (+ rope)	 132 HPL™ 180 HPL™ GH	12.4 15.8	6.1 6.3	6.2 6.5	12,923 19,282
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	18,122	
	 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 ⑪	33.6 33.1	4.5 4.5	7.2 5.1	4,991 1,825	

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Jib section		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
			5.5	5.2	1.9	575
Trolley		22 USt	7.3	5.7	4.7	1,676
Pulley block		22 USt	5.1	1.9	8	1,874
Trolley		22 USt	12.5	5.6	4.1	2,469
Pulley block		22 USt	6.3	1.1	7.7	2,028
Trolley		11 USt	6.6	5.6	4.1	1,323
Pulley block		11 USt	4.1	1.1	8.5	1,345
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 8.3 8.4 8.3 8.4 8.3 8.3 8.3	8.3 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.3 8.3 8.3 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	
	132 HPL™ 50	fpm	164	213	299	449	612	82	108	153	230	305	132	98	3,507 ft
		USt	11	8.3	5.5	2.8	0.7	22	16.5	11	5.5	2.1			
	180 HPL™ 50 GH	fpm	210	256	333	494	640	107	131	174	271	320	180	132	3,937 ft
		USt	11	8.3	5.5	2.8	0.9	22	16.5	11	5.5	3.3			
	10 DVF 10 Optima	fpm	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		

IEC 60204-32		
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.

