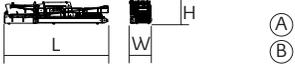
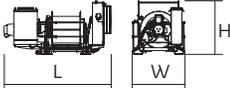
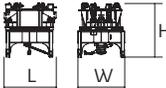
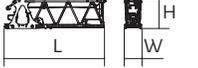
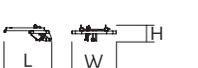
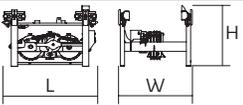
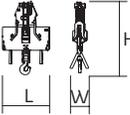
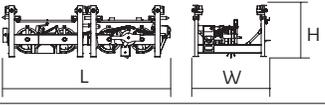
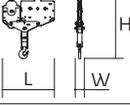
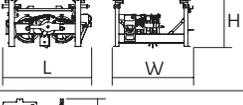
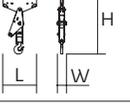
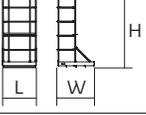
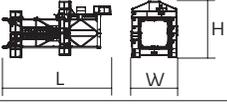
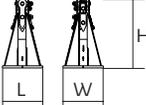
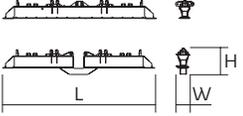
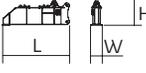
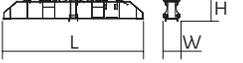


Dimensions and weight

Slewing crane part:  262 ft -  132 HPL™



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		39	7.2	8.3	29,983
		39	7.2	8.3	29,101
		62.9	18.7	12.9	33,290
		53	18.7	12.9	32,408
Counter-jib		62.9	18.7	12.9	44,677
		53	18.7	12.9	43,795
Counter-jib		62.9	22	12.9	34,392
		53	22	12.9	33,290
Hoisting winch (+ rope)		12.4	6.1	6.2	11,387
		15.8	6.3	6.5	19,282
Cab		11	7.5	8.2	6,614
Towerhead		9.1	8.1	9.5	24,912
		23.1	8.1	9.5	31,526
Jib section		27.8	5.2	8.1	14,771
		34	7.3	8.2	14,330
		34	4.5	8.2	7,937
		33.7	4.5	8	6,790
		33.6	4.5	8	4,960
		33.7	4.5	6.7	3,329
		33.4	4.5	5.7	2,293
		17.4	4.5	7.8	2,425
		17.1	4.5	6.5	1,455
		16.7	4.5	5.3	992
		17	4.5	8	3,660
		5.5	5.2	1.9	575

			L (ft)	W (ft)	H (ft)	Ib (+/- 5%)
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 84/K 84-2			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			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 8.3 8.4 8.3 8.4 8.3	8.3 8.2 8.2 8.2 8.2 8.2 8.2 8.3 8.2 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
Cross girder		ZX 6830	29.9	3.7	3.6	11,607
			29.9	2.5	4.9	12,004
1/2 Cross girder		ZY 800 ZY 854	18.6	3.2	6.3	10,406
			18.7	3.2	7.4	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™ 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 173 Optima +	rpm	0 → 0.7					3 x 10	3 x 7.5						

480 V (+6% -10%) 60 Hz	132 HPL™: 142 → 90 kVA 180 HPL™ GH: 181 → 109 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: winch 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.

