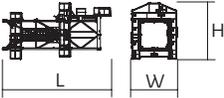
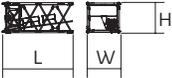
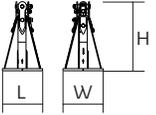
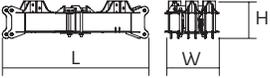
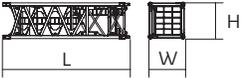
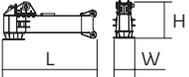
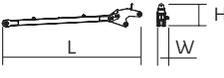


Dimensions and weight

Slewing crane part:  197 ft -  180 HPL™



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib (+ Grab rail + Platform)		22.6	20.9	7.6	11,541
Strut		9.4	7.8	45.8	20,959
Cab	Ultra View	14.8	6.5	8.4	3,605
Towerhead	8 ft	10.6	11.9	11	26,852
Jib section	① ② ③ ④ ⑤	31.5 34.7 34.7 34.7 34.7	7.2 6.2 6.2 6.2 6.2	7.5 6 6 6 6	7,066 3,560 3,891 3,571 3,053
Jib section	④A	17.7	6.2	6	2,072
Jib section	⑥	34.1	6.2	6	5,104
Pulley block		4.7	1.7	8.9	3,549
Hoisting winch (+ rope)	180 HPL™ 320 LVF	15.8 18.4	6.3 7.2	6.5 7.8	16,788 28,318
Luffing winch (+ rope)	150 VVF	16	5.6	7.1	11,133
Rear left derrick arm (+ auxiliary winch + pulley block)		7.8	3.4	4.3	1,356
Front left derrick arm		11.5	1.4	1.6	419
Articulated derrick arm		13.8	1	1.8	694
Derrick support		6.5	3.6	7.4	1,477

Crane tower		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Telescopic cage T 851	 $\nabla$ 8 ft	36.7	15.9	19	34,723
K 85/KR 84B2 KRM 849B KM 850.10B KM 850.14B K 85/KR 84A2 KRMT 849A K 849A KR 849A KMT 849A KMT 850.10A KMT 850.14A	 $\nabla$ 8 ft	33.6 33.6 33.9 33.9 17.2 17.2 17.2 17.2 17.2 17.5 17.5	8.3 8.4 8.3 8.3 8.3 8.4 8.3 8.3 8.4 8.3 8.3	8.2 8.3 8.2 8.2 8.2 8.3 8.2 8.2 8.3 8.2 8.2	21,242 17,196 22,201 24,670 12,236 9,017 7,496 9,458 6,945 12,015 13,206
KRMT 849C	 $\nabla$ 8 ft	11.7	8.4	8.3	7,066
Fixing angles	 P 63A / P 800B P 854A	2.5 3	2.5 3	4.2 4.9	1,025 2,072
Central cross (transport position)	 JM 850	17.1	5.6	4.9	14,771
Basic mast unit	 JM 850	28.7	8.2	8.2	32,187
Chassis girder	 JM 850	17.1	3	5.1	7,055
Chassis ties	 JM 850	23.6	0.8	1.1	551
Struts	 JM 850	26.9	2.5	4.3	5,071
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	138	171	228	359	504	69	85	115	184	251	180	132	2,385 ft
		USt	17.6	13.2	8.8	4.4	2.1	35.3	26.5	17.6	8.8	5.2			
	320 LVF 80 Optima	fpm	246	322	449	640	669	125	161	226	318	335	320	240	3,432 ft
		USt	17.6	13.2	8.8	5.5	4.5	35.3	26.5	17.6	12.2	10.4			
	150 VVF 71		2 min 05 s									150	110		
	RVF 173 Optima +	rpm	0 → 1									3 x 10	3 x 7.5		

IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	180 HPL™ + 150 VVF: 293 → 161 kVA 320 LVF + 150 VVF: 405 → 217 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.

- Standard equipment
- Options
- Reactions in service
- Reactions out of service
- Jib weight
- Total ballast weight
- Jib articulation axis
- Weather vaning position
- Lorry 44 ft
- Container High Cube 40 ft, and/or Flat Rack 20 ft
- Hoisting
- Luffing
- 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.

