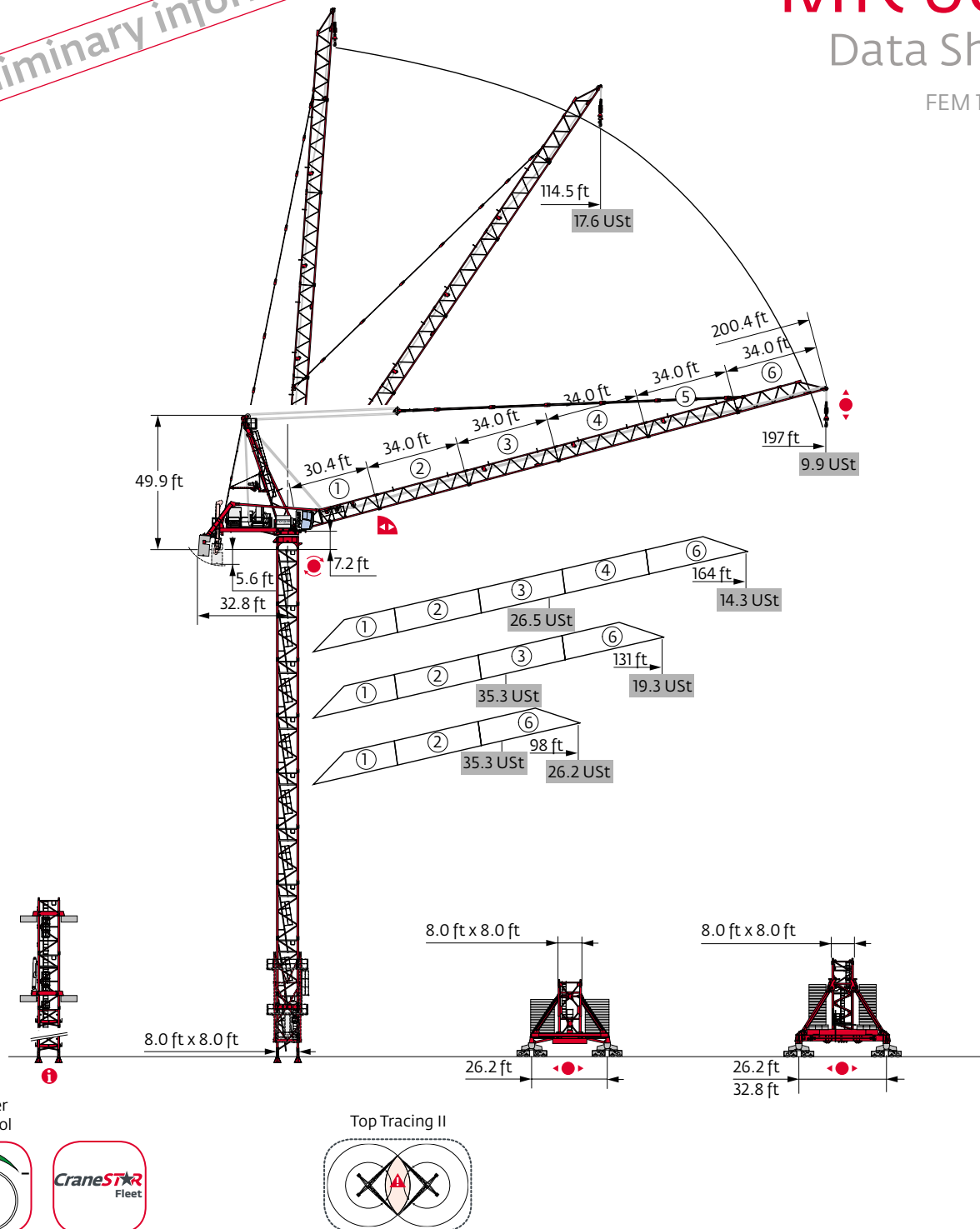


MR 608

Data Sheet

FEM 1.001-A3



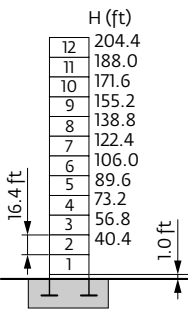
Values have been rounded

Mast

8.0 ft

98 ft

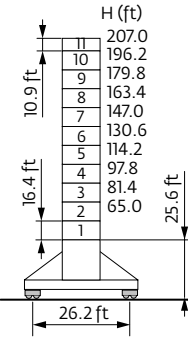
P 802A



	H (ft)	16.4 ft	10.9 ft
131 ft	193.6	10	2
164 ft	193.6	10	2
197 ft	198.8	11	1

98 ft

Y 800B

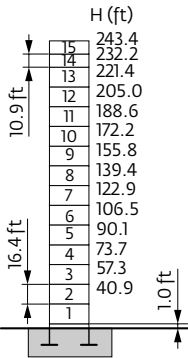


	H (ft)	16.4 ft	10.9 ft
131 ft	190.6	9	1
164 ft	190.6	9	1
197 ft	201.4	9	2

H (ft)

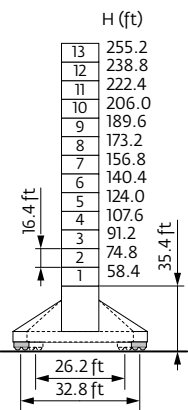
98 ft

P 850US



	H (ft)	16.4 ft	10.9 ft
131 ft	237.8	14	-
164 ft	237.8	14	-
197 ft	237.8	14	-

98 ft



JM 850 (32.8 ft)			
	H (ft)	16.4 ft	10.9 ft
131 ft	244.1	11	2
164 ft	244.1	11	2
197 ft	249.7	12	1

YM 850 (26.2 ft)			
	H (ft)	16.4 ft	10.9 ft
98 ft	255.2	13	-
131 ft	244.1	11	2
164 ft	244.1	11	2
197 ft	238.8	12	-

Y 800B



H1 = H



H2 = H - 2.6 ft



H3 = H - 3.9 ft

YM 850 - JM 850



H1 = H

-

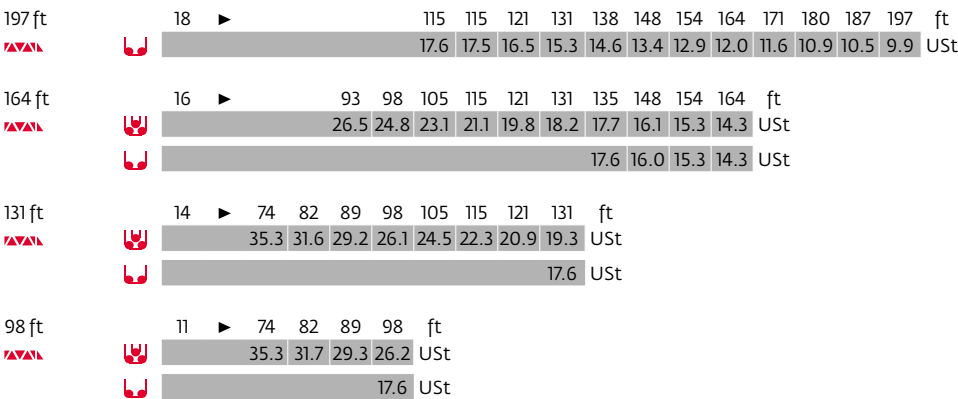


H3 = H - 4.6 ft

Anchorages (Consult us for ASCE 7-10 values)



Load charts



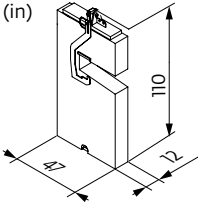
Base ballast



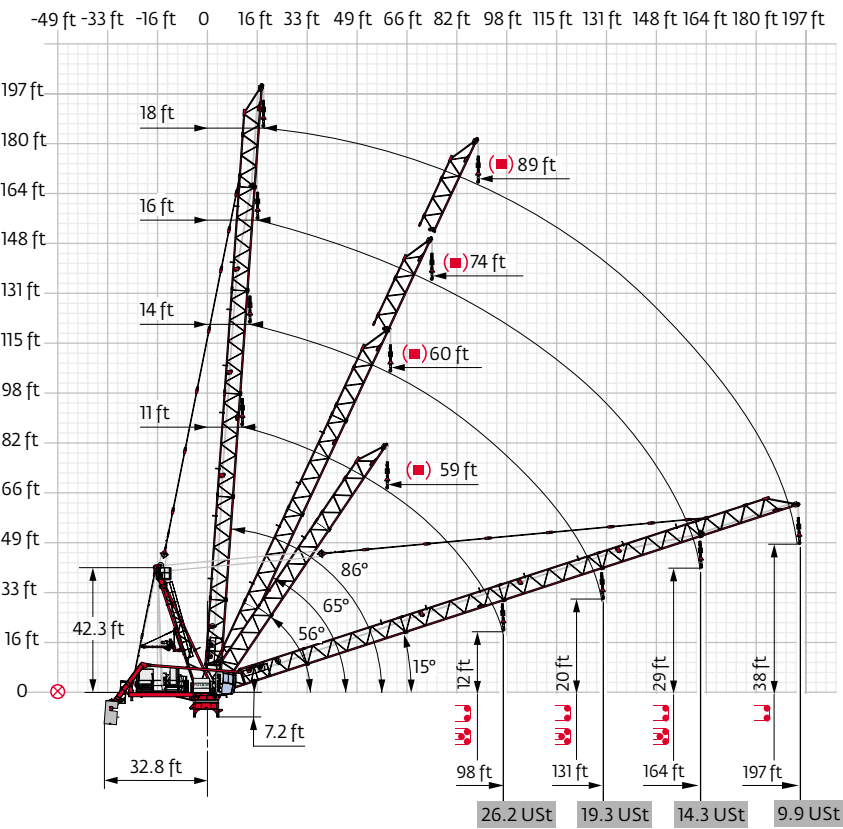
Jib weight & counter-jib ballast

	(lb) (+/- 5%)	 13,228 lb	(lb)
98 ft	20,845	8	105,822
131 ft	21,991	9	119,050
164 ft	26,147	10	132,277
197 ft	30,159	10	132,277

13,228 lb



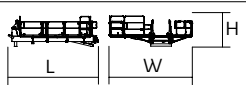
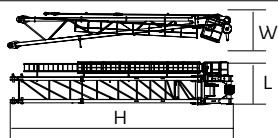
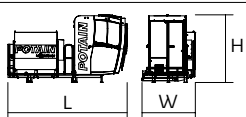
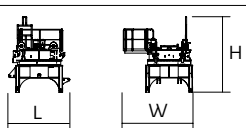
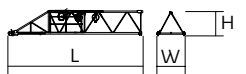
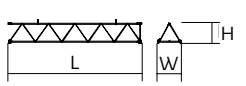
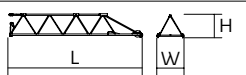
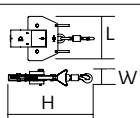
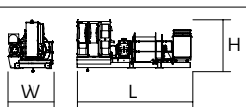
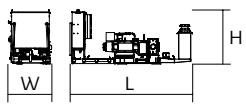
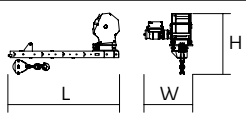
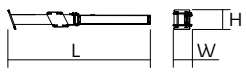
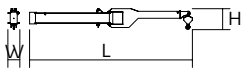
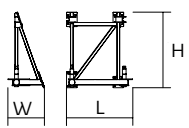
Luffing jib



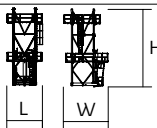
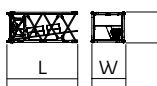
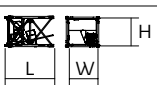
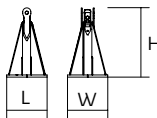
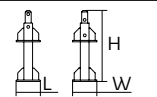
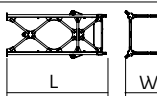
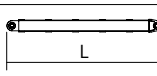
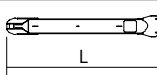
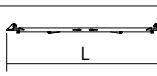
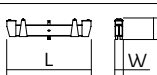
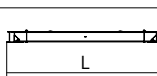
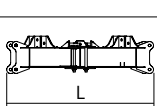
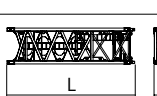
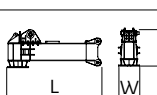
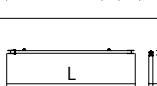
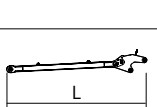
Component weights

Crane upper :  197 ft -  180 LVF

 x 11  x 10

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib (+ Grab rail + Platform)			22.6	20.9	7.5	11,541
Towerhead			8.8	7.1	45.7	20,558
Cab		Ultra View	14.9	6.5	8.2	3605
Pivot		8.0 ft	10.6	12.2	13.1	26,224
Jib section		①	31.5	6.2	5.9	5732
Jib section		② ③ ④ ⑤	34.7 34.7 34.7 34.7	6.2 6.2 6.2 6.2	6.0 6.0 6.0 6.0	4211 4299 3616 3086
Jib section		⑥	34.1	6.2	6.0	5291
Pulley block			4.7	1.7	8.9	3549
Hoisting winch (+ rope)		180 LVF 320 LVF	16.1 18.4	7.5 7.1	6.3 7.8	24,240 28,704
Luffing winch (+ rope)		150 VVF	16.0	5.6	7.1	11,629
Rear left derrick arm (+ auxiliary winch + pulley block)			7.8	3.4	4.3	1356
Front left derrick arm			11.5	1.4	1.6	419
Articulated derrick arm			13.8	1.0	1.8	694
Derrick support			6.5	3.6	7.4	1477

Component weights

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		□ 8.0 ft	15.2	19.0	33.6	28,484
K 850/KR 849A KRMT 849A KMT 850.10A KMT 850.9A		□ 8.0 ft	17.2 17.2 17.5 17.5	8.3 8.4 8.3 8.3	8.2 8.3 8.2 8.2	12,291 9017 12,015 10,582
KRMT 849C		□ 8.0 ft	11.7	8.4	8.3	7066
Fixing angles		P 802A	2.5	2.5	4.2	1050
Fixing angles		P 850US	2.3	2.3	5.5	2127
Basic mast unit		Y 800B	19.8	9.6	9.6	19,004
Struts		Y 800B	18.1	1.6	1.5	2447
1/2 Side member		Y 800B	18.6	4.1	2.4	3351
Side member		Y 800B	39.4	4.1	2.4	6724
Ballast support		Y 800B	12.3	1.2	3.0	2392
Chassis beam		Y 800B	28.5	2.7	2.4	4938
Central cross (transport position)		YM 850 JM 850	17.1	5.6	4.9	14,771
Basic mast unit		YM 850 JM 850	28.7	8.2	8.2	32,187
Chassis girder		YM 850 JM 850	12.5 17.1	3.0 3.0	5.1 5.1	6173 7055
Chassis ties		YM 850 JM 850	23.6	0.8	1.1	551
Struts		YM 850 JM 850	24.6 26.9	2.5 2.5	4.3 4.3	4630 5071

Mechanisms

480 V - 60 Hz															hp	kW	
	180 LVF 80 Optima	fpm	135	177	253	315	404	69	89	128	157	203	180	132	3176 ft		
	320 LVF 80 Optima	fpm	246	322	449	640	669	125	161	226	318	335	320	240	3432 ft		
		USt	17.6	13.2	8.8	6.6	4.6	35.3	26.5	17.6	13.2	10.4					
	150 VVF 71		2 min 05 s												150	110	
	RVF 173 Optima +	rpm	0 → 1												3 x 10	3 x 7.5	
Y 800B 	RT 584 A1 - 2V	fpm	28 - 56												8 x 8.4	8 x 6.2	
YM 850 JM 850 																	

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

Key

	Standard equipment
	Options
	Reactions in service
	Reactions out of service
	Weight without load, without ballast, with jib and max. height
	Jib weight
	Total ballast weight
	Jib articulation axis
	Weathervaning position
	Truck 44 ft

	Container High Cube 40 ft. and/or Flat Rack 20 ft.
	Tightened anchorage frame
	Loosened anchorage frame
	Hoisting
	Luffing
	Slewing
	Travelling
	Required power
	Power Control function: Hoisting speeds adapted to the available power
	Consult us

Notes

Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment and price changes without notice. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.



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