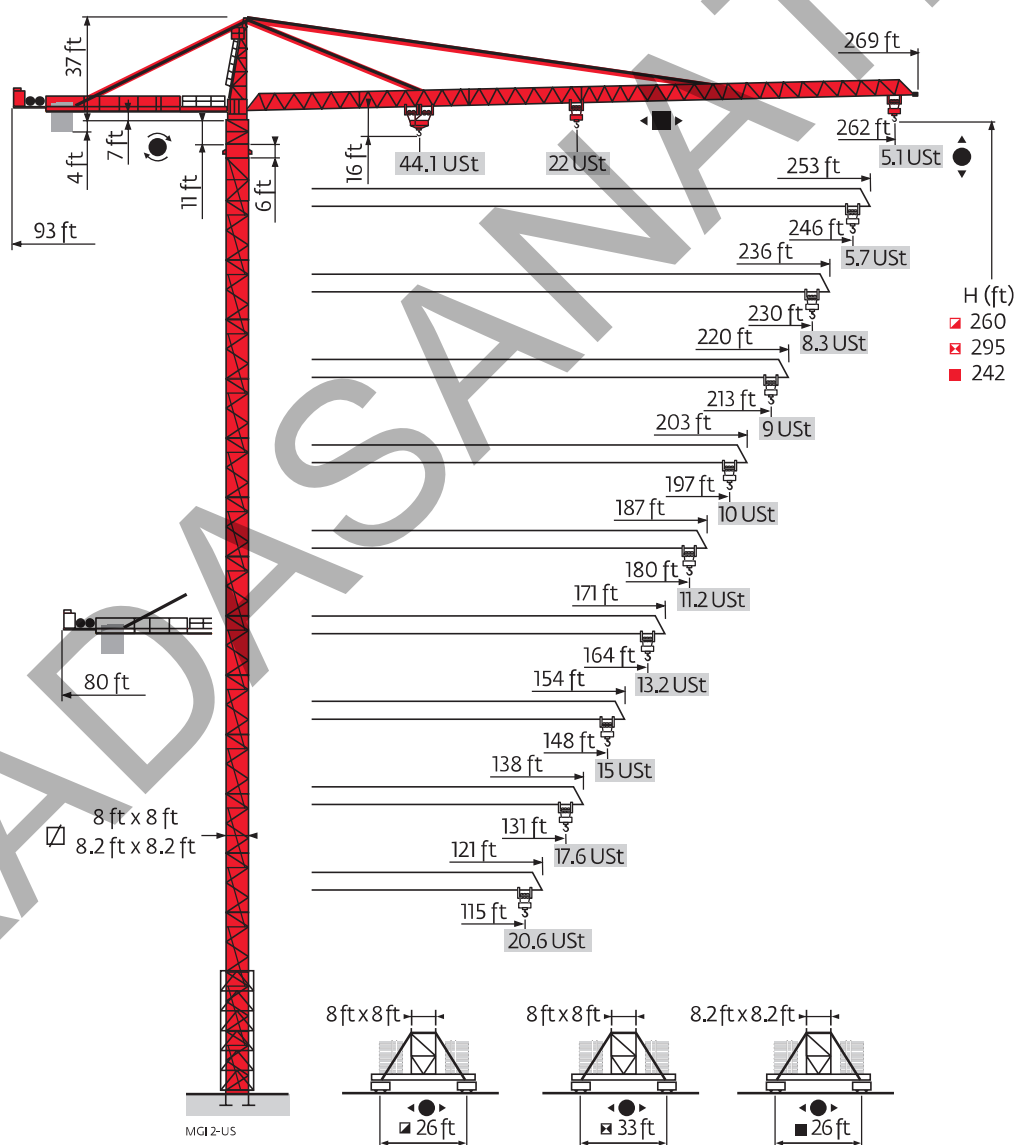


Potain MD 560 B

Data Sheets

FEM 1.001-A3

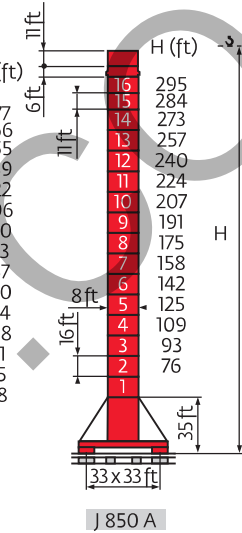
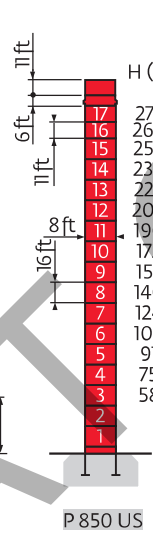
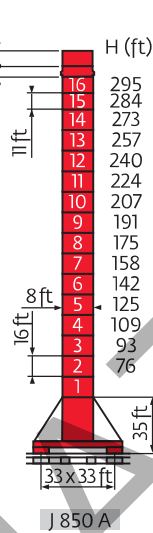
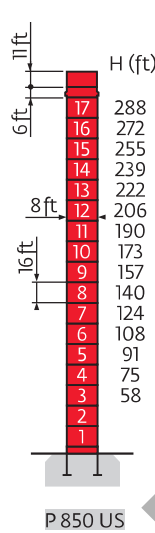
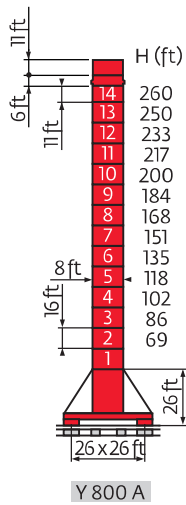
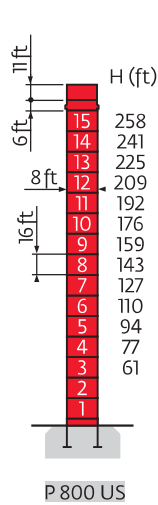
MD 560 B M20-M40



Mast

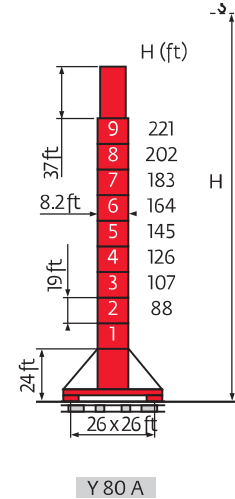
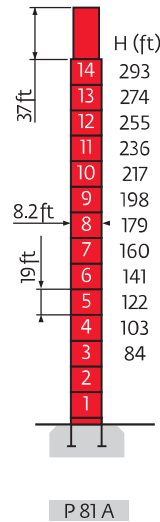
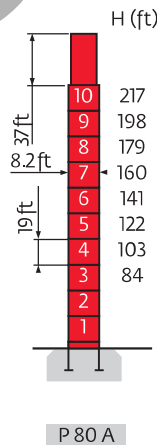
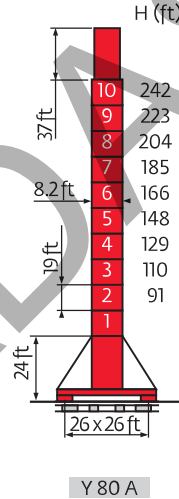
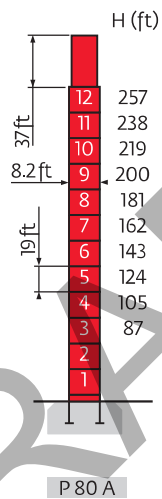
8 ft x 8 ft

22 USt
115 ft - 262 ft



8.2 ft x 8.2 ft

22 USt
115 - 262 ft



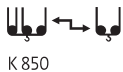
A	Distance between collars
H1	Crane height
P	Crane weight (in service)
R	Horizontal reaction
	See climbing crane

Load charts



K 800

262 ft	10	▶		81	82	89	98	105	115	131	148	164	180	197	213	230	246	262	ft
▲▲▲▲				22	21.8	20	17.6	16.3	14.7	12.5	10.8	9.4	8.3	7.4	6.6	6	5.4	4.9	USt
246 ft	10	▶			82	89	98	105	115	131	148	164	180	197	213	230	246	ft	
▲▲▲▲					22	20.2	17.9	16.5	14.9	12.7	10.9	9.6	8.5	7.5	6.7	6.1	5.5	USt	
230 ft	10	▶				89	98	105	115	131	148	164	180	197	213	230	ft		
▲▲▲▲						22	19.7	18.3	16.5	14.1	12.2	10.7	9.5	8.5	7.7	6.9	USt		
213 ft	10	▶				90	98	105	115	131	148	164	180	197	213	ft			
▲▲▲▲						22	19.8	18.4	16.5	14.2	12.3	10.8	9.6	8.6	7.7	USt			
197 ft	10	▶				91	98	105	115	131	148	164	180	197	ft				
▲▲▲▲						22	20.1	18.6	16.9	14.3	12.5	10.9	9.7	8.7	USt				
180 ft	10	▶				92	98	105	115	131	148	164	180	ft					
▲▲▲▲						22	20.5	19	17.1	14.7	12.7	11.1	9.9	USt					
164 ft	10	▶				91	98	105	115	131	148	164	ft						
▲▲▲▲						22	20.2	18.7	16.9	14.4	12.6	11	USt						
148 ft	10	▶				98	98	105	115	131	148	ft							
▲▲▲▲						22	21.9	20.4	18.4	15.8	13.7	USt							
131 ft	10	▶				91	98	105	115	131	ft								
▲▲▲▲						22	20.1	18.6	16.8	14.3	USt								
115 ft	10	▶				94	98	105	115	ft									
▲▲▲▲						22	21.1	19.5	17.6	USt									



K 850

262 ft	13	▶	43	49	56	66	72	77	84	89	98	105	115	131	148	164	180	197	213	230	246	262	ft
▲▲▲▲			44.1	37.9	32.7	26.8	23.8	22	22	20.6	18.2	16.9	15.2	12.9	11.1	9.8	8.6	7.7	6.8	6.2	5.6	5.1	USt
246 ft	13	▶	44	49	56	66	72	77	84	89	98	105	115	131	148	164	180	197	213	230	246	ft	
▲▲▲▲			44.1	38.3	33	27.1	24	22	22	20.8	18.4	17.1	15.3	13.1	11.4	9.9	8.8	7.8	7.1	6.3	5.7	USt	
230 ft	13	▶		52	56	66	72	82	89	94	102	105	115	131	148	164	180	197	213	230	ft		
▲▲▲▲				44.1	41.2	34.1	30.4	26.1	23.8	22	22	21.3	19.2	16.4	14.3	12.6	11.2	10	9.1	8.3	USt		
213 ft	13	▶		52	56	66	72	82	89	94	101	105	115	131	148	164	180	197	213	ft			
▲▲▲▲				44.1	40.9	33.8	30.3	26	23.7	22	22	21.2	19.1	16.3	14.2	12.6	11.1	10	9	USt			
197 ft	13	▶		52	56	66	72	82	89	94	101	105	115	131	148	164	180	197	ft				
▲▲▲▲				44.1	41	34.0	30.3	26	23.7	22	22	21.2	19.1	16.4	14.2	12.6	11.1	10	USt				
180 ft	13	▶		53	56	66	72	82	89	95	103	105	115	131	148	164	180	ft					
▲▲▲▲				44.1	41.7	34.5	30.9	26.5	24.1	22	22	21.5	19.4	16.6	14.4	12.8	11.2	USt					
164 ft	13	▶			55	56	66	72	82	89	98	106	115	131	148	164	ft						
▲▲▲▲					44.1	43.1	35.7	32	27.4	25	22	22	20.1	17.2	15	13.2	USt						
148 ft	13	▶			55	56	66	72	82	89	98	106	115	131	148	ft							
▲▲▲▲					44.1	43.1	35.7	31.9	27.4	25	22	22	20.1	17.2	15	USt							
131 ft	13	▶			56	66	72	82	89	98	100	108	115	131	ft								
▲▲▲▲					44.1	36.6	32.7	28.1	25.7	22.6	22	22	20.6	17.6	USt								
115 ft	13	▶			56	66	72	82	89	98	100	108	115	ft									
▲▲▲▲					44.1	36.6	32.7	28.2	25.7	22.6	22	22	20.6	USt									

(USt)

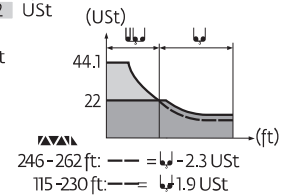
44.1

22

(ft)

246-262 ft: $\text{---} = \frac{W}{L} - 2.3 \text{ USt}$

115-230 ft: $\text{---} = \frac{W}{L} - 1.9 \text{ USt}$



Counter-jib ballast

22 USt			44.1 USt		
8818 - 13,228 lb			8818 - 13,228 lb		
Height (ft)	Counter-jib (ft)	Ballast (lb)	Height (ft)	Counter-jib (ft)	Ballast (lb)
262 ft	93 ft	66,139	262 ft	93 ft	66,139
246 ft	93 ft	61,729	246 ft	93 ft	61,729
230 ft	93 ft	61,729	230 ft	93 ft	66,139
213 ft	93 ft	52,911	213 ft	93 ft	57,320
197 ft	93 ft	48,502	197 ft	93 ft	52,911
180 ft	93 ft	44,092	180 ft	93 ft	48,502
164 ft	80 ft	52,911	164 ft	80 ft	57,320
148 ft	80 ft	48,502	148 ft	80 ft	52,911
131 ft	80 ft	35,274	131 ft	80 ft	44,092
115 ft	80 ft	30,865	115 ft	80 ft	35,274

Base ballast

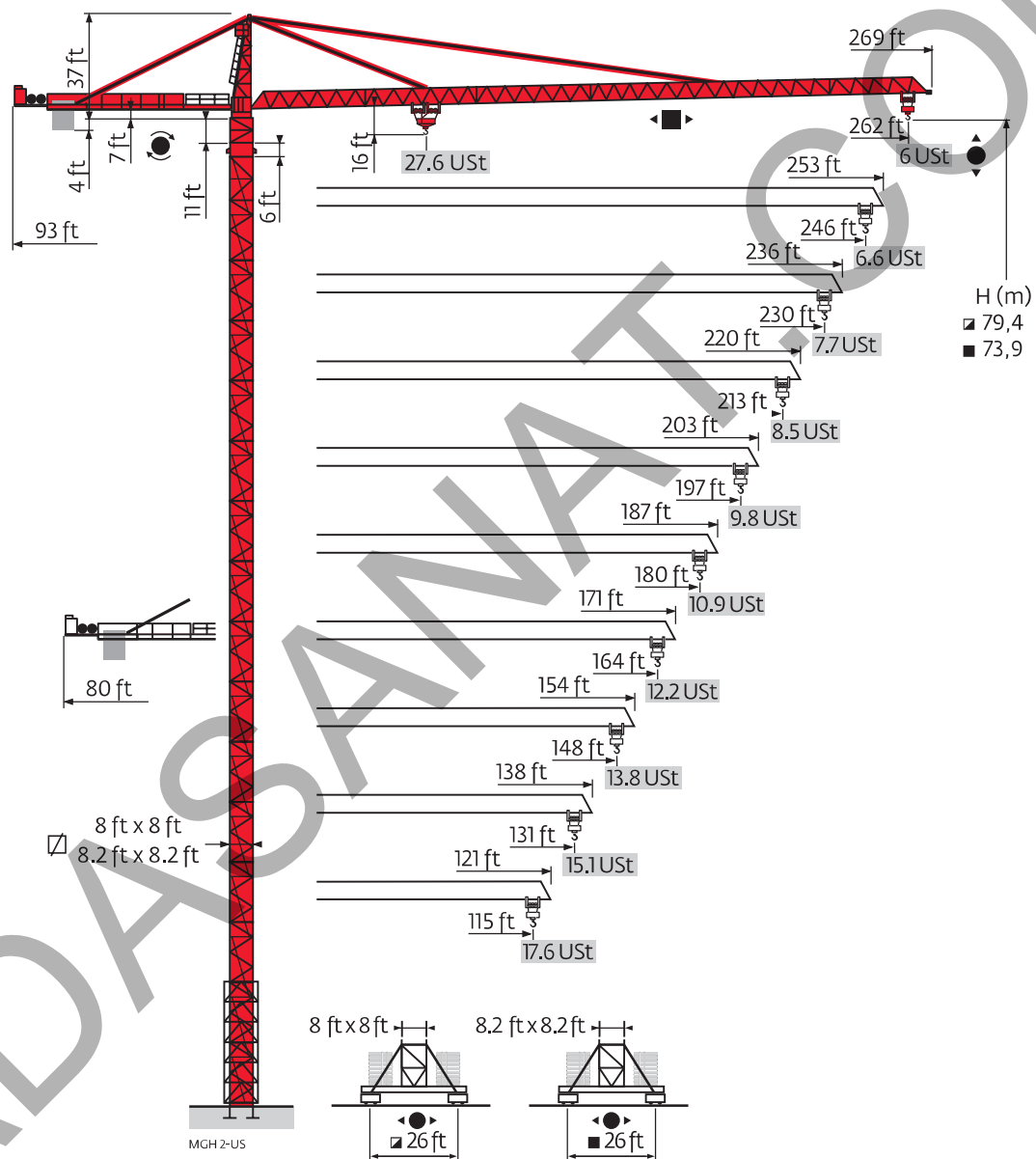
Height (ft)	Crane Model	Counter-jib (ft)	Ballast (lb)	Height (ft)	Crane Model	Counter-jib (ft)	Ballast (lb)
8 ft	Y800A	22 USt	H (ft) 260 250 233 217 200 184 168 151 135 118 102 86 69 ▲(USt) 119.0 92.6 92.6 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4	8 ft	J850A	44.1 USt 115-230 ft 246-262 ft	H (ft) 295 284 273 257 240 224 207 191 175 158 142 125 109 93 76 ▲(USt) 105.8 92.6 66.1 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 ▲(USt) 119 79.4 66.1 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5
8.2 ft	Y80A	22 USt	H (ft) 242 223 204 185 166 148 129 110 91 ▲(USt) 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6	8.2 ft	Y80A	44.1 USt	H (ft) 221 202 183 164 145 126 107 88 ▲(USt) 105.8 105.8 105.8 105.8 105.8 105.8 105.8 105.8

Mechanisms

			 22 USt					 44.1 USt								
													hp	kW		
	270 LVF100	fpm	164	213	305	430	610	82	108	154	213	305	270	200	1745 ft	
		USt	22	16.5	11	5.5	2.8	44.1	33.1	22	11	5.5				
	RVF173 Optima +	rpm	0 - 1										3 x 10	3 x 7.5		
	15 DVF16	fpm	0 - 164 (22 USt) - 0 - 220 (8.3 USt) - 0 - 328 (2.8 USt) 0 - 108 (44.1 USt) - 0 - 220 (9 USt) - 0 - 328 (2.8 USt)										15	11		
	J850 A															
 IEC 60204-32							 kVA									
400 V(+10%-10%) 50 Hz / 480 V(+ 6%-10%) 60 Hz 400 V (+10%-10%) 50 Hz 480 V (+6%-110%) 60 Hz							270 LVF : 240 kVA RVF 173 Optima + : 315 kVA RVF 173 Optima + : 365 kVA									

	Hoisting
	Trolleying
	Slewing
	Traveling

MD 560 B M25

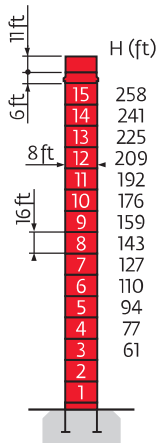


Mast

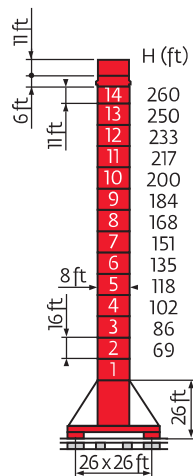
Ø 8 ft x 8 ft

27.6 USt 27.6 USt

115 - 262 ft



P 800 US

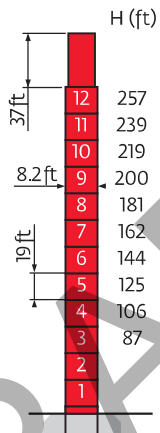


Y 800 A

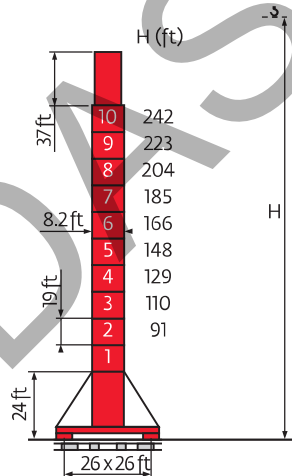
Ø 8.2 ft x 8.2 ft

27.6 USt 27.6 USt

115 - 262 ft



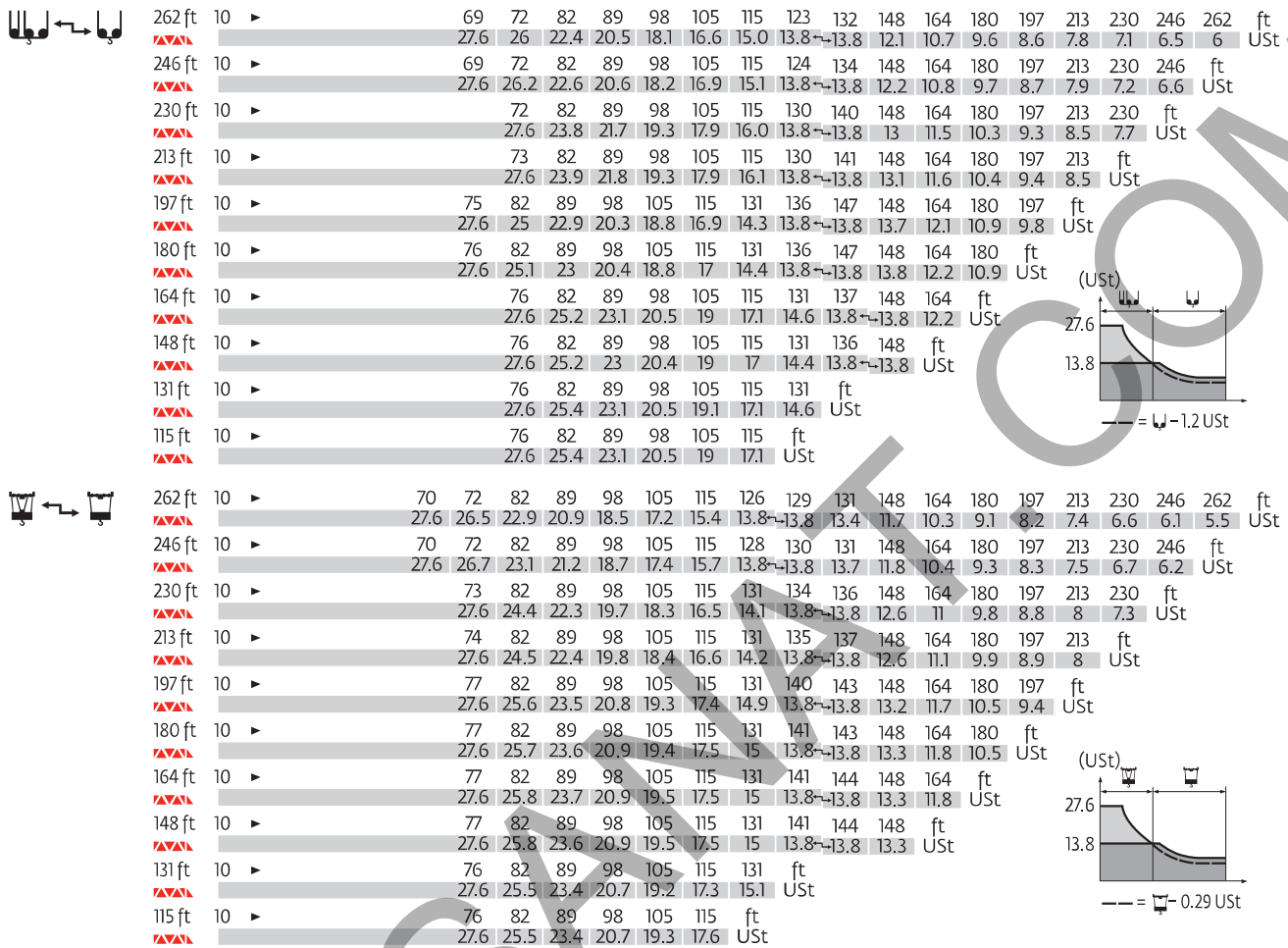
P 80 A



Y 80 A

- A** Distance between collars
- H1** Crane height
- P** Crane weight (in service)
- R** Horizontal reaction
- See climbing crane

Load charts



Counter-jib ballast

8818 lb - 13,228 lb		
Height (ft)	Counter-jib (ft)	Ballast (lb)
262	93	79,366
246	93	74,957
230	93	70,548
213	93	61,729
197	93	61,729
180	93	57,320
164	80	61,729
148	80	61,729
131	80	44,092
115	80	39,683

Base ballast

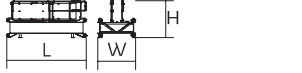
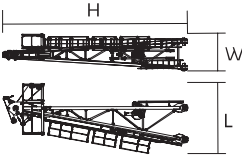
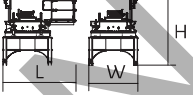
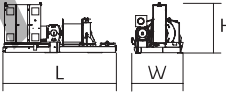
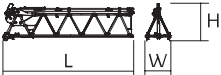
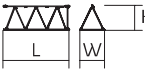
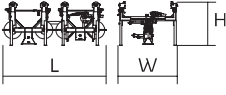
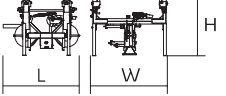
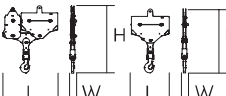
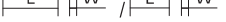
Height (ft)	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A	Y800A
8 ft	260	250	233	217	200	184	168	151	135	118	102	86	69		
8.2 ft	242	223	204	185	166	148	129	110	91						

Mechanisms

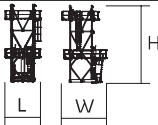
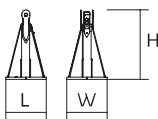
			 27.6 USt  27.6 USt												
													hp	kW	
	100 LVF 63 Optima	fpm	98	125	184	236	256	49	62	92	118	128	100	75	2382 ft
		USt	13.9	10.4	6.9	3.4	3	27.6	20.7	13.9	6.8	6			
	RVF 183 Optima +	rpm	0 0.7										3 x 15	3 x 11	
	10 DVF 10	fpm	0-210 (27.6 USt) - 0-328 (13.8 USt) - 0-361 (6.9 USt)										10	7.4	
	Y 800 A RT 584 A12V	fpm	44 - 89										8 x 7	8 x 5.2	
 IEC 60204-32															
400 V (+10% -10%) 50 Hz / 480 V (+6% -10%) 60 Hz							100 LVF : 120 kVA								

	Hoisting
	Trolleying
	Slewing
	Traveling

Component weights

Component Weights		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		38.4	13.5	6.4	14,308
		13.8	6.6	6.4	4365
		36.2	15.9	6.8	10,858
Towerhead		11	6.5	32.23	19,731
Cab	 Ultra View	16.4	7.5	8.2	4090
Pivot	 8 ft 8.2 ft	12.1 12.1	8.1 8.1	12.7 12.7	24,670 24,670
Hoisting winch (+ rope)	 100 LVF	10.4	5.2	5.7	9138
Hoisting winch (+ rope)	 270 LVF/ 320 LVF	16.7	7.5	7.3	22,256
Jib section	 ① ② 10 DVF ② 15 DVF ③ ④ ⑤ ⑧	34 33.9 33.9 33.5 33.6 33.6 33.5	9.7 6.2 6.2 6.2 6.2 6.2 6.2	10.2 7.7 7.7 7.9 7.6 7.6 6.6	11,354 10,737 11,409 6537 5897 6162 2987
Jib section	 ⑥ ⑦ ⑨ ⑩	17.5 17.5 17 16.9	6.2 6.2 6.2 6.2	7.2 6.7 6.5 6.5	3748 2,271 1202 1102
Trolley	 44.1 USt	13	7.2	5.5	3131
Trolley	 22 USt	8.5	7.3	5.5	1645
Hookblock	 44.1 USt	8.1	1.2	9.4	4050
	 22 USt	5.5	0.9	8	1336

Component weights

		L (ft)	W (ft)	H (ft)	kg (+/- 5%)	
T850A climbing cage (halves)		8 ft	33.3 33	15.3 15.4	10.8 8.4	20,348 8135
KRMT 849A KMT 850.10A K850./KR800A1		8 ft	17.2 17.5 17.5	8.4 8.3 8.3	8.3 8.2 8.2	9017 12,015 11,905
KM850.10B1 K850/KR800B1		8 ft	33.8 33.6	8.1 8.3	8.3 8.2	22,200 21,451
KRMT 849C KMT 850.10C			11.7 12	8.4 8.3	8.3 8.2	7066 9325
P800US P850US		8 ft	2.5 2.3	2.5 2.3	5.9 5.5	1477 2127

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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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