



Grove Manitowoc National Crane Potain

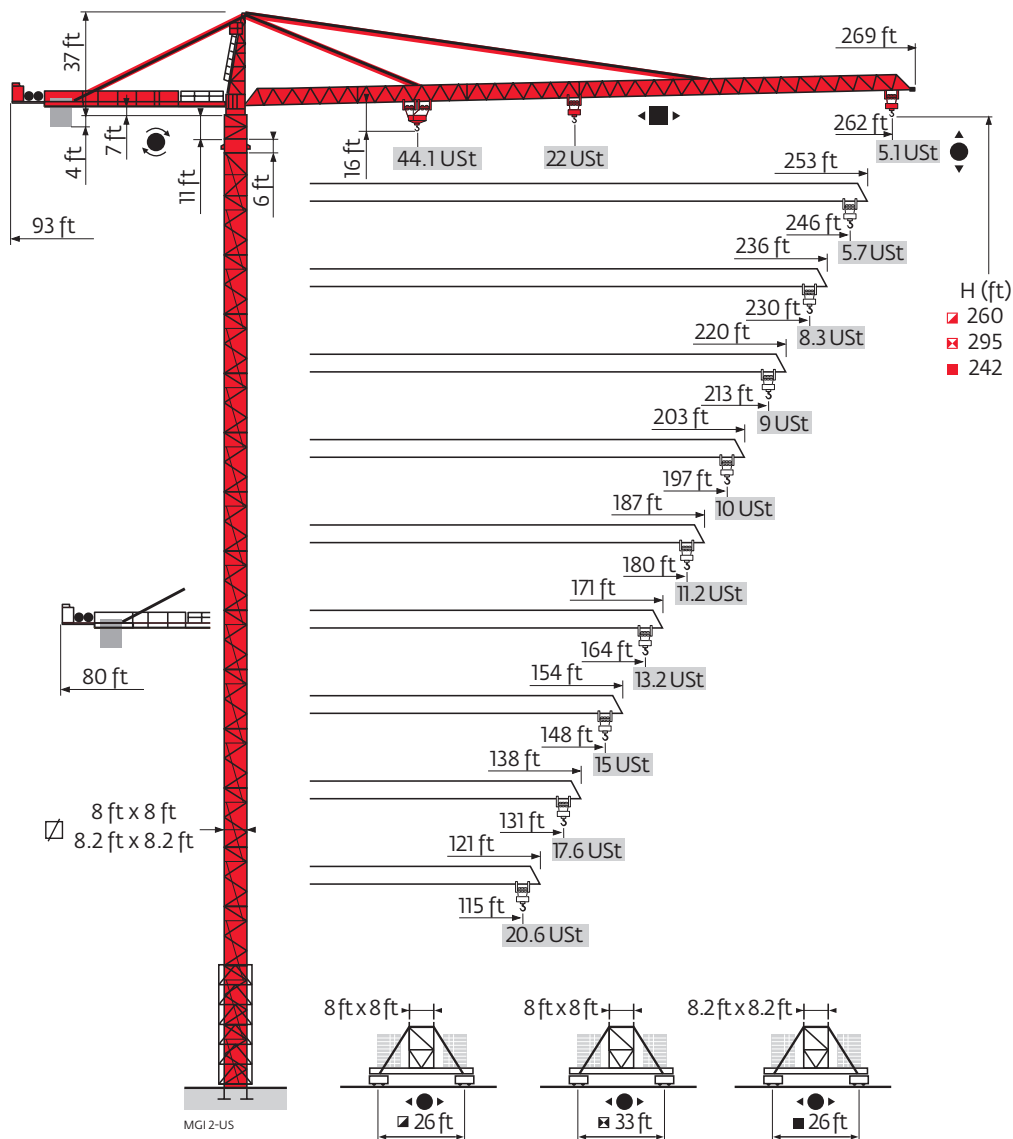


Potain MD 560 B

Data Sheets

FEM 1.001-A3

MD 560 B M20-M40



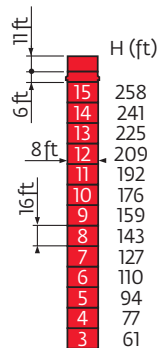


Mast

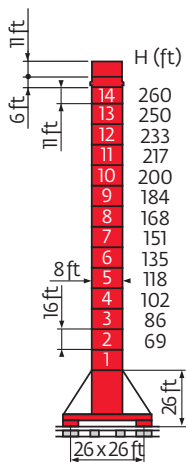
□ 8 ft x 8 ft

22 USt

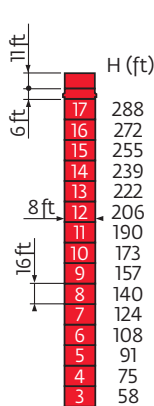
115 ft - 262 ft



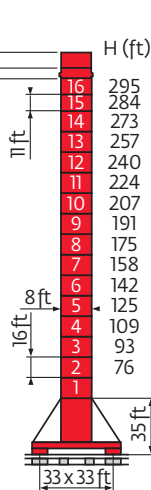
P 800 US



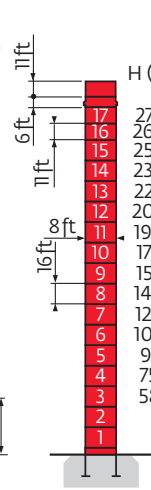
Y 800 A



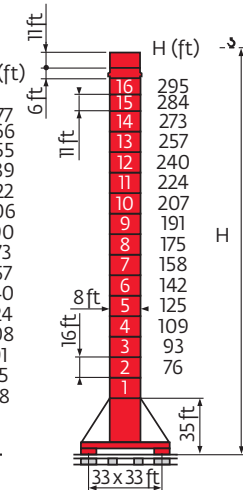
P 850 US



J 850 A



P 850 US

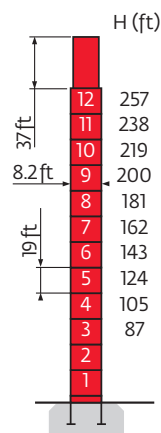


J 850 A

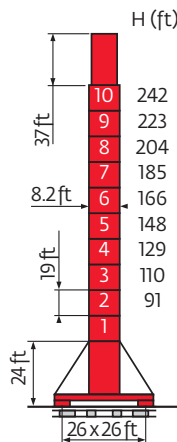
□ 8.2 ft x 8.2 ft

22 USt

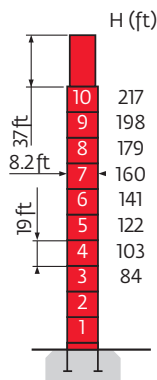
115 - 262 ft



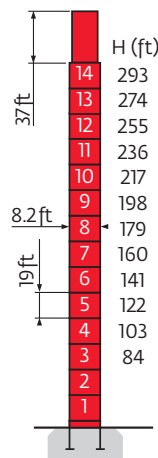
P 80 A



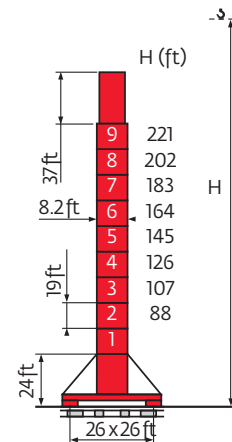
Y 80 A



P 80 A



P 81 A



Y 80 A

- 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	

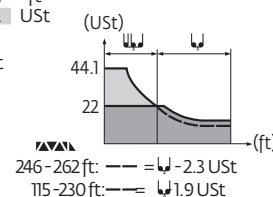


K 850

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)

246 - 262 ft: — = $W - 2.3$ USt
115 - 230 ft: --- = $W - 1.9$ USt



Counter-jib ballast

22 USt

		8818 - 13,228 lb
▲▲▲▲	▲▲▲▲	▲ (lb)
262 ft	93 ft	66,139
246 ft	93 ft	61,729
230 ft	93 ft	61,729
213 ft	93 ft	52,911
197 ft	93 ft	48,502
180 ft	93 ft	44,092
164 ft	80 ft	52,911
148 ft	80 ft	48,502
131 ft	80 ft	35,274
115 ft	80 ft	30,865

44.1 USt

		8818 - 13,228 lb
▲▲▲▲	▲▲▲▲	▲ (lb)
262 ft	93 ft	66,139
246 ft	93 ft	61,729
230 ft	93 ft	66,139
213 ft	93 ft	57,320
197 ft	93 ft	52,911
180 ft	93 ft	48,502
164 ft	80 ft	57,320
148 ft	80 ft	52,911
131 ft	80 ft	44,092
115 ft	80 ft	35,274

Base ballast

8 ft	Y800 A	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	J 850 A	44.1 USt	H (ft)	295	284	273	257	240	224	207	191	175	158	142	125	109	93	76
		115 - 230 ft	▲ (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	26.5
		246 - 262 ft	▲ (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	26.5

8.2 ft	Y80 A	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	Y80 A	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



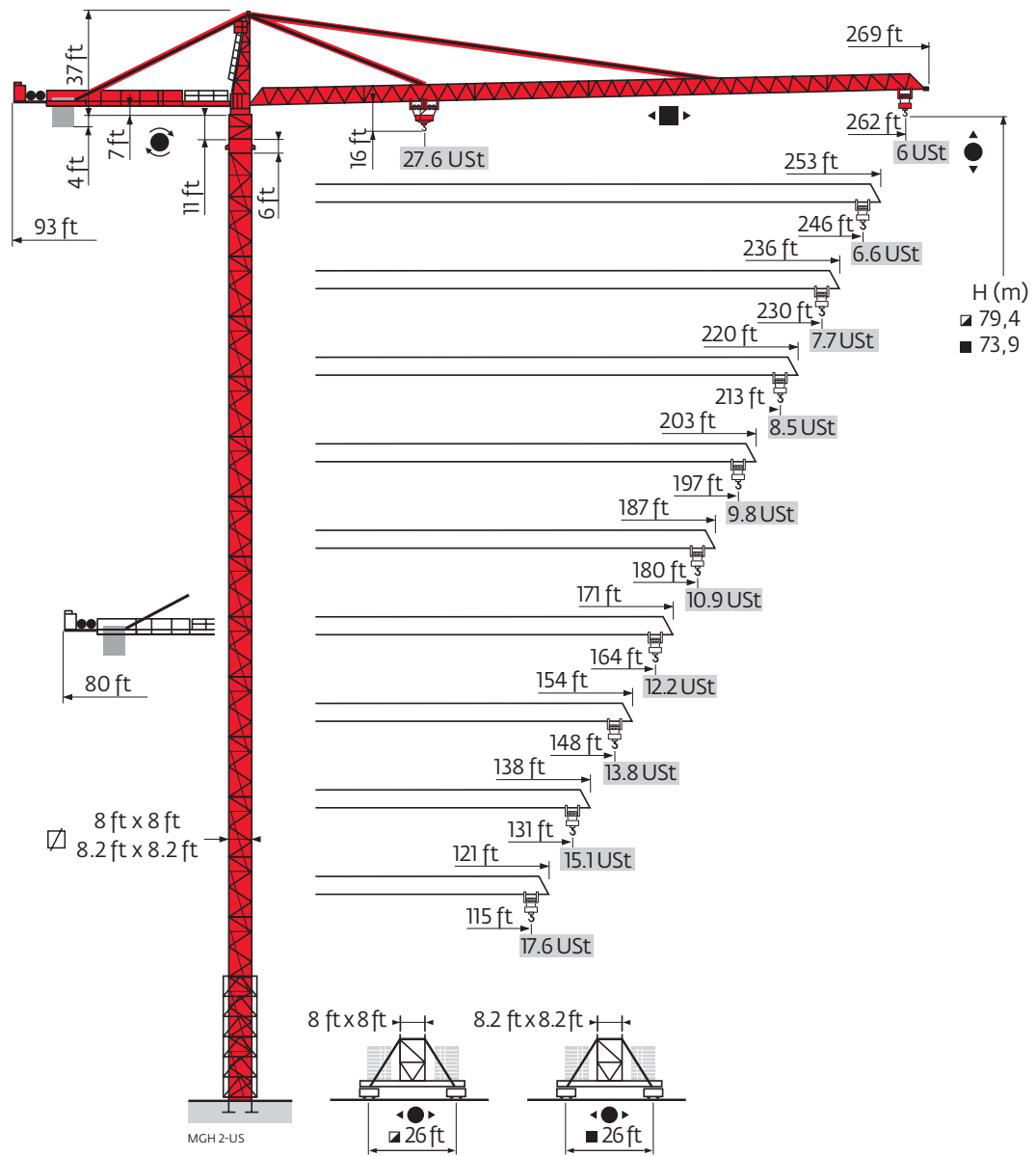
Mechanisms

			 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					
	RVF 173 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																	
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



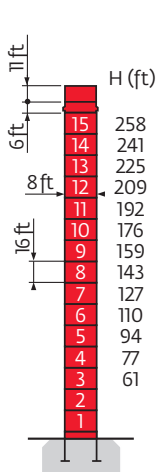


Mast

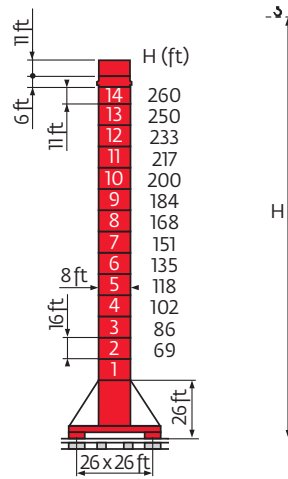
Ø 8 ft x 8 ft

 27.6 USt  27.6 USt

 115 - 262 ft



P 800 US

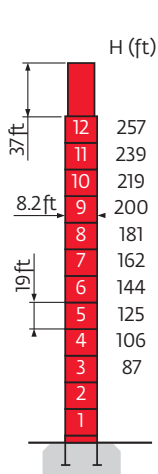


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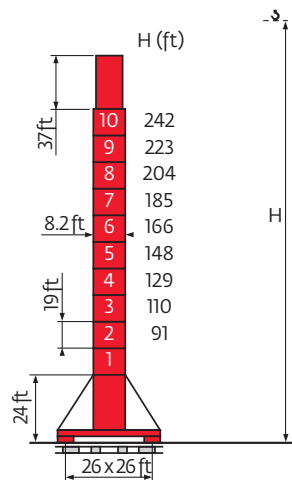
Ø 8.2 ft x 8.2 ft

 27.6 USt  27.6 USt

 115 - 262 ft



P 80 A



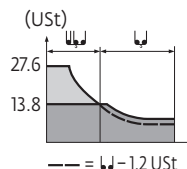
Y 80 A

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



Load charts

	262 ft	10	▶	69	72	82	89	98	105	115	123	132	148	164	180	197	213	230	246	262	ft
	246 ft	10	▶	27.6	26	22.4	20.5	18.1	16.6	15.0	13.8	13.8	12.1	10.7	9.6	8.6	7.8	7.1	6.5	6	USt
	230 ft	10	▶	27.6	26.2	22.6	20.6	18.2	16.9	15.1	13.8	13.8	12.2	10.8	9.7	8.7	7.9	7.2	6.6	6	USt
	213 ft	10	▶	27.6	23.8	21.7	19.3	17.9	16.0	13.8	13.8	13	11.5	10.3	9.3	8.5	7.7	7	6.3	5.7	ft
	197 ft	10	▶	27.6	23.9	21.8	19.3	17.9	16.1	13.8	13.8	13.1	11.6	10.4	9.4	8.5	7.7	7	6.3	5.7	ft
	180 ft	10	▶	27.6	25	22.9	20.3	18.8	16.9	14.3	13.8	13.8	13.7	12.1	10.9	9.8	9	8.2	7.4	6.6	ft
	164 ft	10	▶	27.6	25.1	23	20.4	18.8	17	14.4	13.8	13.8	13.8	12.2	10.9	9.8	9	8.2	7.4	6.6	ft
	148 ft	10	▶	27.6	25.2	23	20.4	19	17	14.4	13.8	13.8	13.8	12.2	10.9	9.8	9	8.2	7.4	6.6	ft
	131 ft	10	▶	27.6	25.4	23.1	20.5	19.1	17.1	14.6	13.8	13.8	13.8	12.2	10.9	9.8	9	8.2	7.4	6.6	ft
	115 ft	10	▶	27.6	25.4	23.1	20.5	19	17.1	14.6	13.8	13.8	13.8	12.2	10.9	9.8	9	8.2	7.4	6.6	ft



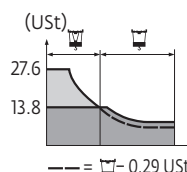
	262 ft	10	▶		70	72	82	89	98	105	115	126	129	131	148	164	180	197	213	230	246	262	ft
	246 ft	10	▶		27.6	26.5	22.9	20.9	18.5	17.2	15.4	13.8	13.8	13.4	11.7	10.3	9.1	8.2	7.4	6.6	6.1	5.5	ft
	230 ft	10	▶		27.6	26.7	23.1	21.2	18.7	17.4	15.7	13.8	13.8	13.7	11.8	10.4	9.3	8.3	7.5	6.7	6.2		ft
	213 ft	10	▶		27.6	24.4	22.3	19.7	18.3	16.5	14.1	13.8	13.8	12.6	11	9.8	8.8	8	7.3				ft
	197 ft	10	▶		27.6	24.5	22.4	19.8	18.4	16.6	14.2	13.8	13.8	12.6	11.1	9.9	8.9	8					ft
	180 ft	10	▶		27.6	25.6	23.5	20.8	19.3	17.4	14.9	13.8	13.8	13.2	11.7	10.5	9.4						ft
	164 ft	10	▶		27.6	25.7	23.6	20.9	19.4	17.5	15	13.8	13.8	13.3	11.8	10.5							ft
	148 ft	10	▶		27.6	25.8	23.7	20.9	19.5	17.5	15	13.8	13.8	13.3									ft
	131 ft	10	▶		27.6	25.5	23.4	20.7	19.2	17.3	15.1												ft
	115 ft	10	▶		27.6	25.5	23.4	20.7	19.3	17.6													ft

(USt)

27.6

13.8

--- = 0.29 USt



Counter-jib ballast

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

Base ballast

8 ft	Y800A	H (ft)	260	250	233	217	200	184	168	151	135	118	102	86	69
8.2 ft	Y80A	H (ft)	242	223	204	185	166	148	129	110	91				
		(USt)	119	93	93	79	79	79	79	79	79	79	79	79	79

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			
	RVF183 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	
	RT 584 A1 2V	fpm	44 - 89										8 x 7	8 x 5.2	
 IEC 60204-32								 kVA							
400 V (+10% -10%) 50 Hz / 480 V (+6% -10%) 60 Hz								100 LVF : 120 kVA							

Hoisting

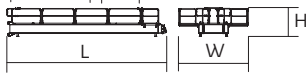
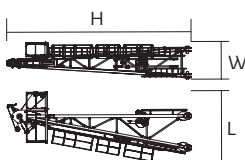
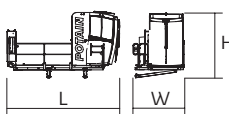
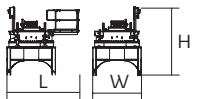
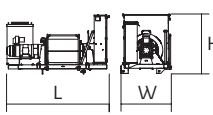
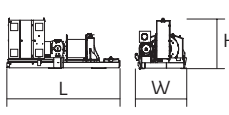
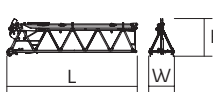
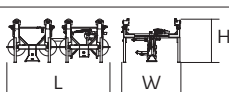
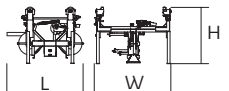
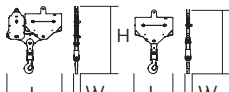
Trolleying

Slewing

Traveling

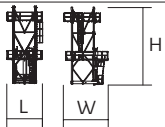
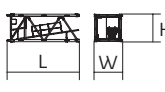
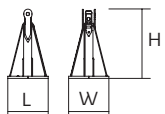


Component weights

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	34	9.7	10.2	11,354
		② 10 DVF	33.9	6.2	7.7	10,737
		② 15 DVF	33.9	6.2	7.7	11,409
		③	33.5	6.2	7.9	6537
		④	33.6	6.2	7.6	5897
		⑤	33.6	6.2	7.6	6162
Jib section		⑥	33.5	6.2	6.6	2987
		⑥	17.5	6.2	7.2	3748
		⑦	17.5	6.2	6.7	2,271
		⑨	17	6.2	6.5	1202
Trolley	 44.1 USt	⑩	16.9	6.2	6.5	1102
		⑩	16.9	6.2	6.5	1102
Trolley	 22 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)		33.3 33	15.3 15.4	10.8 8.4	20,348 8135
KRMT 849A KMT 850.10A K850./KR800A1 KM850.10B1 K850/KR800B1 KRMT 849C KMT 850.10C		17.2 17.5 17.5 33.8 33.6 11.7 12	8.4 8.3 8.3 8.1 8.3 8.4 8.3	8.3 8.2 8.2 8.3 8.2 8.3 8.2	9017 12,015 11,905 22,200 21,451 7066 9325
P800US P850US		2.5 2.3	2.5 2.3	5.9 5.5	1477 2127



Notes



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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