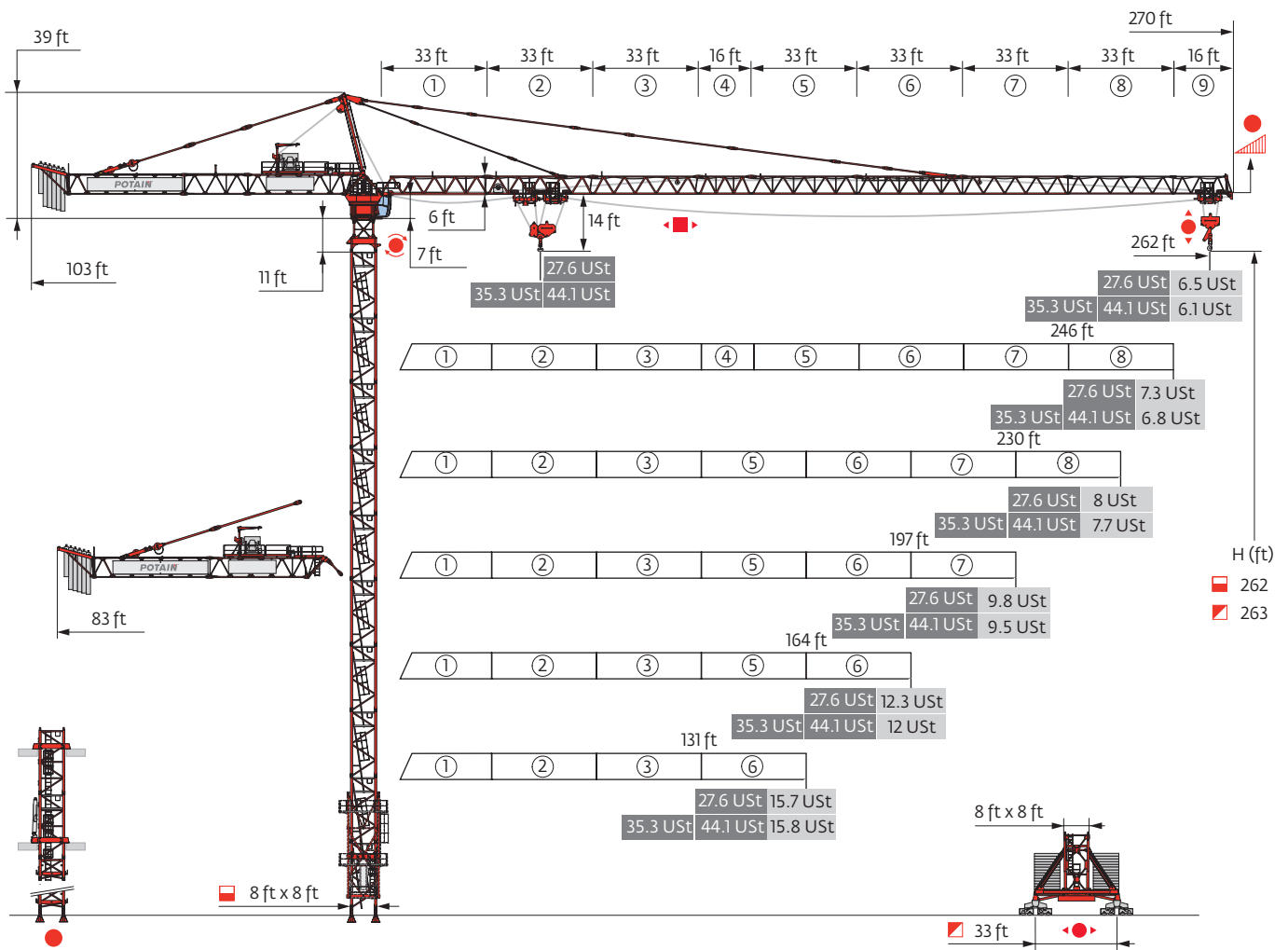


Potain MD 650

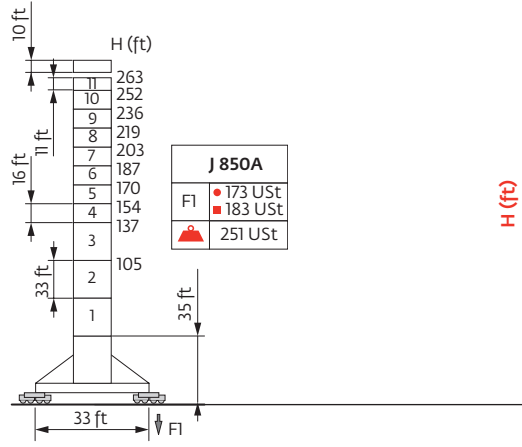
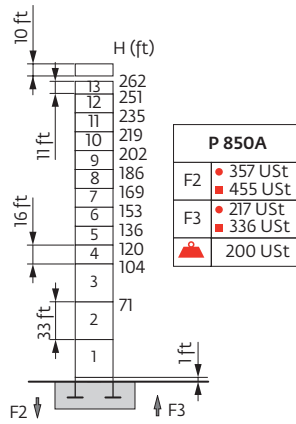
Data Sheet

FEM 1.001-A3

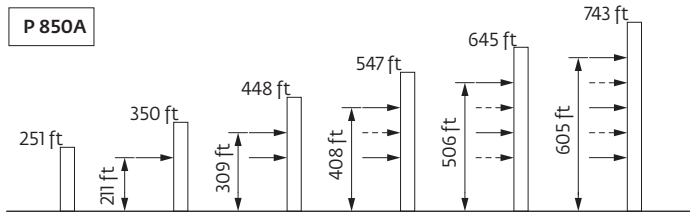


Mast

8 ft
 131 ft → 262 ft









Anchorage

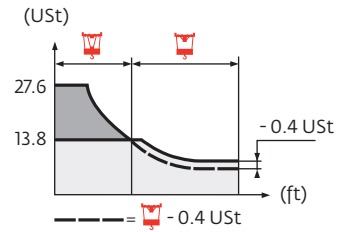


	Jib elevation
	Reactions in service
	Reactions out of service
	Weight without load, without ballast, with jib and max. height
	Total ballast weight







Load charts

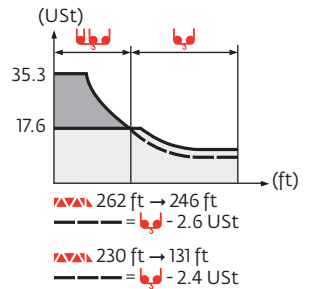
27.6 USt

262 ft	13	▶	80	82	89	98	115	131	144	148	164	180	197	213	230	246	262	ft
			27.6	26.8	24.5	21.7	18.2	15.4	13.8	13.8	12.1	10.8	9.6	8.7	7.8	7.2	6.5	USt
246 ft	13	▶	80	82	89	98	115	131	146	149	164	180	197	213	230	246	ft	
			27.6	27	24.7	21.9	18.3	15.7	13.8	13.8	12.3	10.9	9.8	8.8	8	7.3	USt	
230 ft	13	▶	80	82	89	98	115	131	146	149	164	180	197	213	230	ft		
			27.6	26.9	24.7	21.9	18.3	15.7	13.8	13.8	12.3	10.9	9.8	8.8	8	USt		
197 ft	13	▶	80	82	89	98	115	131	146	149	164	180	197	ft				
			27.6	26.9	24.7	21.9	18.3	15.7	13.8	13.8	12.3	10.9	9.8	USt				
164 ft	3	▶	80	82	89	98	115	131	146	149	164	ft						
			27.6	26.9	24.7	21.9	18.3	15.7	13.8	13.8	12.3	USt						
131 ft	13	▶	80	82	89	98	115	131	ft									
			27.6	26.9	24.7	21.9	18.3	15.7	USt									









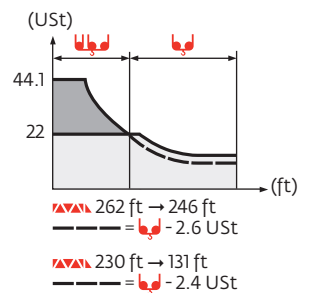
35.3 USt

262 ft	18	▶	60	66	82	98	104	117	131	148	164	180	197	213	230	246	262	ft
			35.3	31.5	24	19.1	17.6	17.6	15.4	13.3	11.7	10.4	9.1	8.3	7.4	6.7	6.1	USt
246 ft	18	▶	60	66	82	98	105	118	131	148	164	180	197	213	230	246	ft	
			35.3	31.7	24.3	19.3	17.6	17.6	15.7	13.6	11.9	10.5	9.4	8.4	7.6	6.8	USt	
230 ft	18	▶	60	66	82	98	107	119	131	148	164	180	197	213	230	ft		
			35.3	32.1	24.5	19.5	17.6	17.6	15.8	13.7	12	10.6	9.5	8.5	7.7	USt		
197 ft	18	▶	60	66	82	98	107	119	131	148	164	180	197	ft				
			35.3	32.1	24.6	19.5	17.6	17.6	15.8	13.7	12	10.6	9.5	USt				
164 ft	18	▶	60	66	82	98	107	119	131	148	164	ft						
			35.3	32.1	24.6	19.6	17.6	17.6	15.8	13.7	12	USt						
131 ft	18	▶	60	66	82	98	107	119	131	ft								
			35.3	32.1	24.6	19.6	17.6	17.6	15.8	USt								



44.1 USt

262 ft	18	▶	49	66	82	88	97	115	131	148	164	180	197	213	230	246	262	ft
			44.1	31.5	24	22	22	18.1	15.4	13.3	11.7	10.4	9.1	8.3	7.4	6.7	6.1	USt
246 ft	18	▶	50	66	82	89	98	115	131	148	164	180	197	213	230	246	ft	
			44.1	31.7	24.3	22	22	18.3	15.7	13.6	11.9	10.5	9.4	8.4	7.6	6.8	USt	
230 ft	18	▶	50	66	82	90	98	115	131	148	164	180	197	213	230	ft		
			44.1	32.1	24.6	22	22	18.4	15.8	13.7	12	10.6	9.5	8.5	7.7	USt		
197 ft	18	▶	50	66	82	90	98	115	131	148	164	180	197	ft				
			44.1	32.1	24.6	22	22	18.4	15.8	13.7	12	10.6	9.5	USt				
164 ft	18	▶	50	66	82	90	98	115	131	148	164	ft						
			44.1	32.1	24.6	22	22	18.4	15.8	13.7	12	USt						
131 ft	18	▶	50	66	82	90	98	115	131	ft								
			44.1	32.1	24.6	22	22	18.4	15.8	USt								

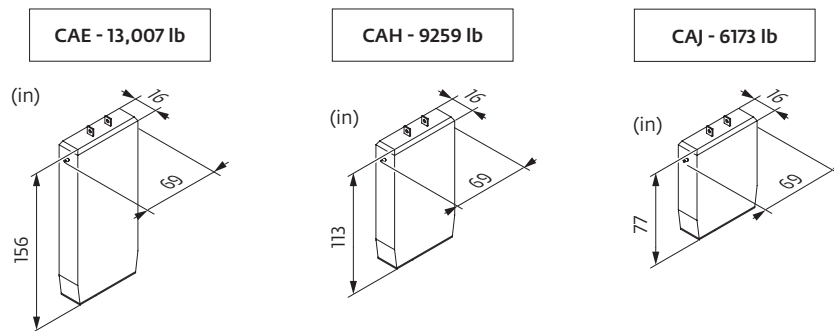


Base ballast

8 ft	J 850A	H (ft)	263	252	236	219	203	187	170	154	137	105
			(USt)	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1

Counter-jib ballast

	13,007 lb	9259 lb	6173 lb	(lb)
262 ft	5	1	0	74,294
246 ft	5	0	1	71,208
230 ft	4	1	0	61,287
197 ft	5	1	0	74,294
164 ft	4	1	0	61,287
131 ft	3	1	0	48,280




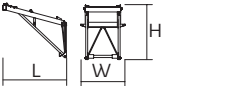
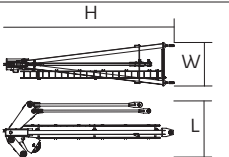


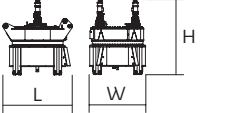
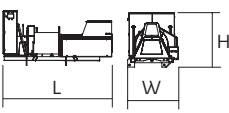
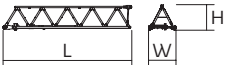

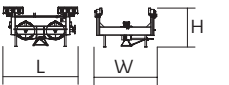

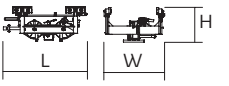

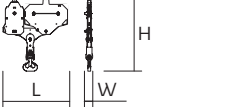



	Truck 44 ft
	Container High Cube 40 ft, and/or Flat Rack 20 ft
	Tightened anchorage frame
	Loosened anchorage frame

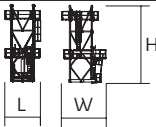
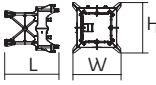


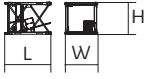
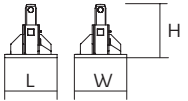

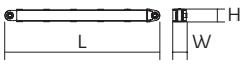
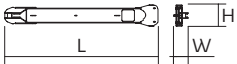
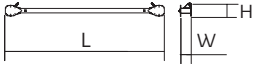
Component weights

Crane upper :  262 ft -  44.1 USt -  250 LCC



			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib			37.9	7.3	7.7	16,491
			20.5	6.2	7	5512
			36.8	6.2	7.5	10,031
			11.4	7.9	9.8	2712
Towerhead			8.9	6.8	26.9	9436
Cab			-	-	-	-
Pivot			12.2	9.7	12.4	36,509
Hoisting winch (+ rope)		150 LCC 63	11.9	5.4	6.2	11,023
		250 LCC 80	12.6	7.5	6.3	22,785
		250 LCC 100	12.7	7.9	6.3	20,624
Jib section		①	33.9	7	6.5	8444
		② 15 DVF	33.9	6.2	6	9535
		③	33.9	6.2	5.9	6085
		⑤	33.9	6.2	5.9	5291
		⑥	33.9	6.2	5.9	5732
		⑦	33.8	6.2	5.9	5104
		⑧	33.5	6.2	5.8	3461
		Jib section		④	17.5	6.2
⑨	17			6.2	5.6	1477
Trolley		 44.1 USt	9.2	7.7	4.9	2337
Trolley		 44.1 USt	10.7	7.7	4.4	2513
Hookblock		 44.1 USt	8.1	0.8	9.4	2921

Component weights

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		□ 8 ft	15.2	19	33.6	28,484
Climbing mast		□ 8 ft	11.1	10.3	9.9	14,947
KM 850.10B		□ 8 ft	33.9	8.3	8.2	22,201
KMT 850.9A KMT 850.10A		□ 8 ft	17.5 17.5	8.3 8.3	8.2 8.2	10,582 12,015
KMT 850.10C		□ 8 ft	12	8.3	8.2	9326
Fixing angles		P 850A	3	3	4.9	1841
Chassis mast		J 850A	29.4	9.6	9.6	31,416
Strut		J 850A	28.1	1.7	1.3	3638
1/2 Side member		J 850A	24 24.3	2.3 2.3	3.3 3.7	5688 5798
Chassis beam		J 850A	35.1	2.9	2.8	7319

Mechanisms

400 V - 50 Hz 480 V - 60 Hz														hp	kW			
	150 LCC 63	27.6 USt	fpm USt	151 13.8	184 10.4	230 6.9	302 3.4	361 1.8	75 27.6	92 20.7	115 13.8	151 6.9	180 3.5	150	110	1512 ft		
	250 LCC 80	35.3 USt	fpm USt	171 17.6	223 13.2	282 8.8	354 4.4	400 2.2	85 35.3	112 26.5	141 17.6	177 8.8	200 4.4	250	180	2031 ft		
	250 LCC 100	44.1 USt	fpm USt	151 22	197 16.5	249 11	315 5.5	354 2.8	75 44.1	98 33.1	125 22	157 11	177 5.5	250	180	1601 ft		
	15 DVF 16	27.6 USt	fpm	0 → 154 (27.6 USt) 0 → 207 (13.8 USt) 0 → 249 (6.9 USt) 0 → 328 (3.5 USt)												15	11	
		35.3 USt	fpm	0 → 108 (35.3 USt) 0 → 164 (17.6 USt) 0 → 220 (8.8 USt) 0 → 328 (2.2 USt)														
		44.1 USt	fpm	0 → 108 (44.1 USt) 0 → 164 (22 USt) 0 → 220 (11 USt) 0 → 328 (2.8 USt)														
	RVF 192 Optima+	rpm	0 → 0.6												2 x 15	2 x 11		
J 850A 																		

IEC 60204-32	kVA
400 V (+10% -10%) 50 Hz	150 LCC : 187 kVA 250 LCC : 322 kVA
480 V (+6% -10%) 60 Hz	150 LCC : 217 kVA 250 LCC : 379 kVA

	Hoisting
	Trolleying
	Slewing
	Travelling
kVA	Rated 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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