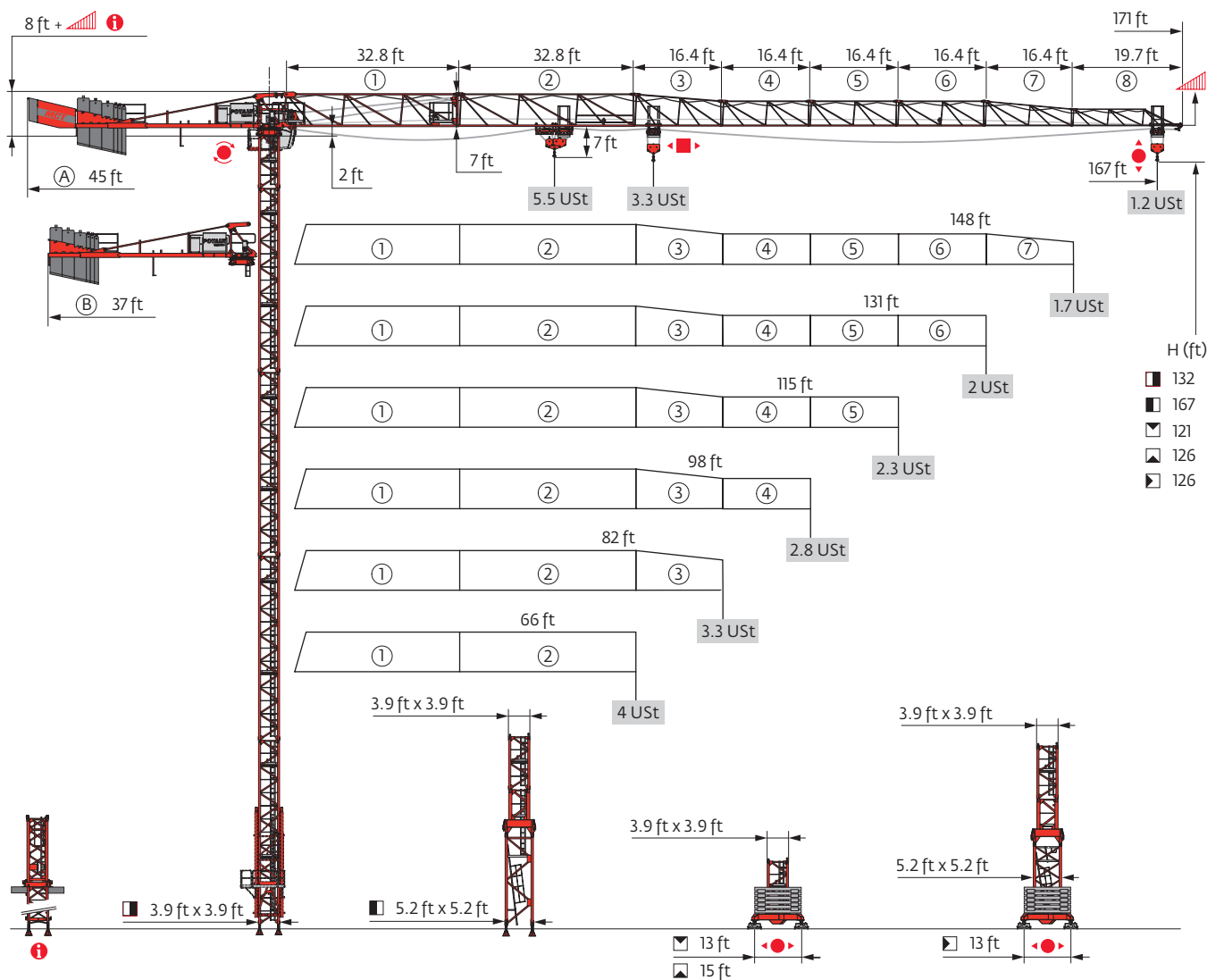


Potain MCT 78

Data Sheet

FEM 1.001-A3

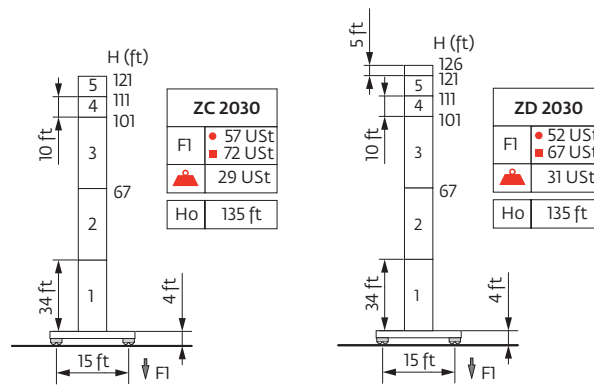
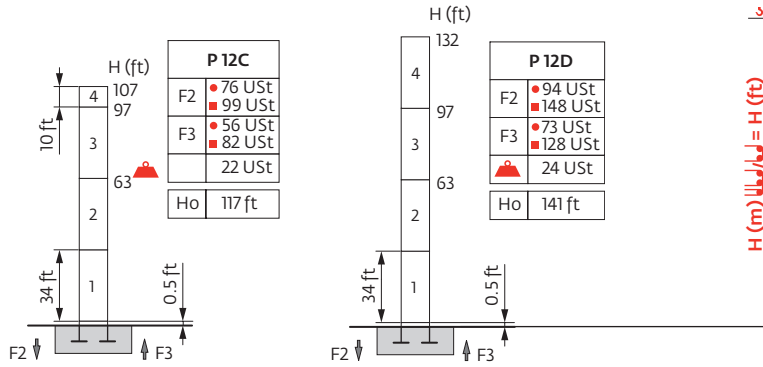


Values have been rounded

Mast

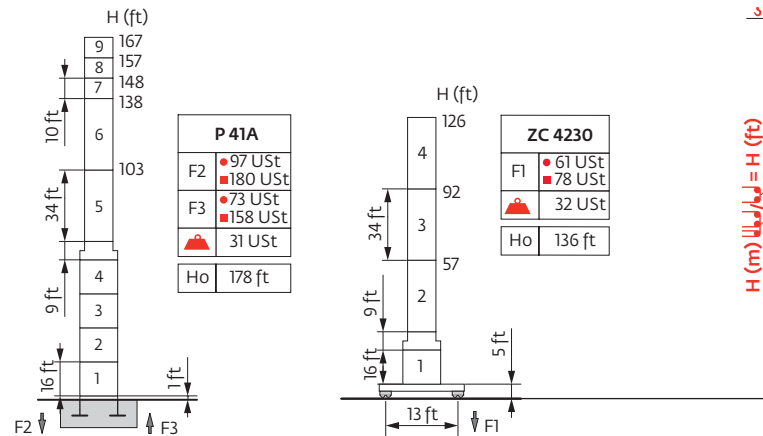
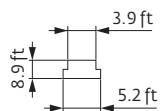
3.9 ft

66 ft → 167 ft



5.2 ft/3.9 ft

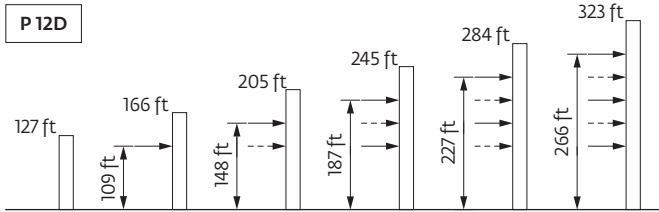
66 ft → 167 ft



ZC 4230		H1 = H		H2 = H + 1 ft		H3 = H + 0.7 ft
ZC 2030		H1 = H		H2 = H + 1 ft		H3 = H + 0.7 ft
ZD 2030		H1 = H		H2 = H + 1 ft		H3 = H + 0.7 ft

●	Reactions in service
■	Reactions out of service
▲	Weight without load, without ballast, with jib and max. height

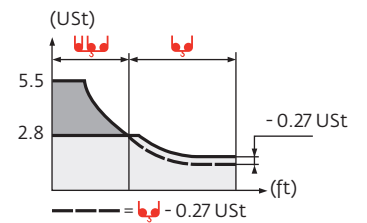
Anchorage



Load charts











167 ft	9	▶	41	49	56	66	73	79	82	89	98	105	115	121	131	138	148	154	164	167	ft	
▲▼▲▼			5.5	4.5	3.9	3.1	2.8	2.8	2.6	2.4	2.1	2	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	USt	
148 ft	9	▶	50	56	66	72	82	88	96	98	105	115	121	131	138	148	ft					
▲▼▲▼			5.5	4.9	4	3.5	3	2.8	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.7	USt					
131 ft	9	▶	50	56	66	72	82	88	96	98	105	115	121	131	ft							
▲▼▲▼			5.5	4.9	4	3.5	3	2.8	2.8	2.7	2.5	2.3	2.1	1.9	USt							
115 ft	9	▶	50	56	66	72	82	88	96	98	105	115	ft									
▲▼▲▼			5.5	4.9	4	3.5	3	2.8	2.8	2.7	2.5	2.3	USt									
98 ft	9	▶	50	56	66	72	82	88	96	98	ft											
▲▼▲▼			5.5	4.9	4	3.5	3	2.8	2.8	2.7	USt											
82 ft	9	▶	50	56	66	72	82	ft														
▲▼▲▼			5.5	4.9	4	3.5	3	USt														
66 ft	9	▶	50	56	66	ft																
▲▼▲▼			5.5	4.9	4	USt																





167 ft	7	▶				69	72	82	89	98	105	115	121	131	138	148	154	164	167	ft	
▲▼▲▼						3.3	3.1	2.7	2.5	2.2	2	1.8	1.7	1.5	1.5	1.4	1.3	1.2	1.2	USt	
148 ft	7	▶						83	89	98	105	115	121	131	138	148	ft				
▲▼▲▼								3.3	3.1	2.8	2.5	2.3	2.1	2	1.9	1.7	USt				
131 ft	7	▶						83	89	98	105	115	121	131	ft						
▲▼▲▼								3.3	3.1	2.8	2.5	2.3	2.1	2	USt						
115 ft	7	▶						83	89	98	105	115	ft								
▲▼▲▼								3.3	3.1	2.8	2.5	2.3	USt								
98 ft	7	▶						83	89	98	ft										
▲▼▲▼								3.3	3.1	2.8	USt										
82 ft	7	▶						82	ft												
▲▼▲▼								3.3	USt												
66 ft	7	▶						66	ft												
▲▼▲▼								3.3	USt												

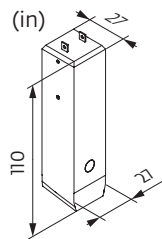
Base ballast

 3.9 ft	ZC 2030 	H (ft)  (USt)	121	111	101	67
	ZD 2030 	H (ft)  (USt)	126	121	111	101
 3.9 ft/5.2 ft	ZC 4230 	H (ft)  (USt)	126	92	57	
			88	33	33	

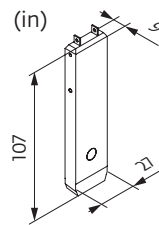
Counter-jib ballast

	6614 lb	2205 lb	 (lb)
167 ft	3	3	26,457
148 ft	3	3	26,457
131 ft	3	2	24,252
115 ft	3	1	22,047
98 ft	2	2	17,638
82 ft	2	1	15,433
66 ft	2	0	13,228

CBP - 6614 lb



CBQ - 2205 lb

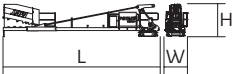
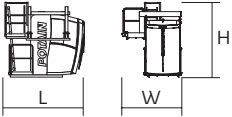
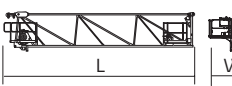
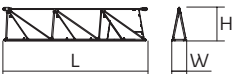
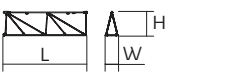
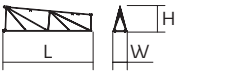

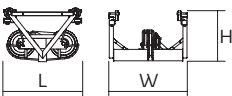

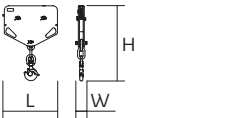

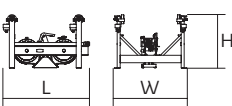

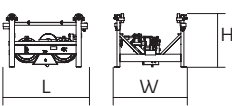


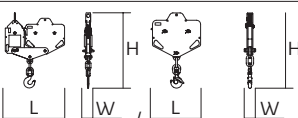




	Total ballast weight
	Tightened anchorage frame
	Loosened anchorage frame

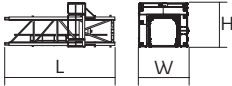
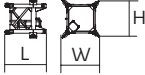
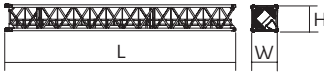
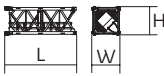

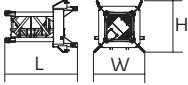
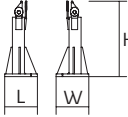
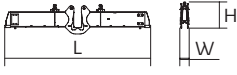
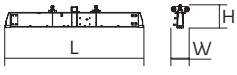
Component weights



Crane upper :  167 ft -  25 LVF



			L (ft)	W (ft)	H (ft)	Ib (+/- 5%)
Counter-jib		Ⓐ Ⓑ	39 39	5.8 5.8	8.1 8.1	9656 9370
Cab		Ultra View	9.5	7.8	9.9	2425
Jib section		① 25 LVF 4 DVF	35.3	5.9	7.2	6107
Jib section		②	33.5	2.6	6.4	2513
Jib section		④ ⑤ ⑥	16.9 16.9 16.8	2.6 2.6 2.6	6.2 4.9 4.9	717 639 628
Jib section		③ ⑦	17 16.8	2.6 2.6	6.3 4.8	882 430
Jib section		⑧	19.8	2.6	3.3	386
Trolley		 3.3 USt	2.9	3.1	2.3	265
Hookblock		 3.3 USt	2.4	0.5	3.2	243
Trolley		 5.5 USt	3.6	3.3	2.4	287
Trolley		 5.5 USt  2.8 USt	3.7 3.7	3.3 3.3	2.4 2.4	254 364
Hookblock		 5.5 USt  2.8 USt	3.6 2.4	0.7 0.7	4.5 3.7	518 298

Component weights

			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		□ 3.9 ft	20.5	9.2	7.9	2921
Climbing mast		□ 3.9 ft	5.6	5.1	5.2	1334
S 24E-2 SR 24E-2 SR 26E-2		□ 3.9 ft	35.1 35.1 35.3	4.2 4.1 4.2	4.2 4.1 4.2	4828 4850 6338
S 24A-2		□ 3.9 ft	10.5	4.3	4.2	1576
K 439A K 437A		□ 5.2 ft	17.1 17.1	5.5 5.5	5.3 5.3	4916 4079
Connecting mast		□ 5.2/3.9 ft	9.6	6.8	6.9	4630
Fixing angles		P 12C P 12D P 41A	1.6 1.6 1.2	1.6 1.6 1.2	3.7 3.7 3.7	243 364 298
Cross girder		ZC 2030 ZC 4230 ZD 2030	18.5 18.5 21.7	1.5 1.5 1.5	4.8 4.4 4.8	3825 4178 4255
Cross girder		ZC 2030 ZC 4230 ZD 2030	18.5 18.5 21.7	2.7 2.7 2.7	3.8 3.4 3.8	3307 3505 3726

	Truck 44 ft
	Container High Cube 40 ft, and/or Flat Rack 20 ft

Mechanisms

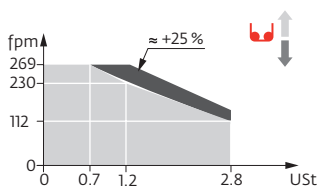
400 V - 50 Hz											hp	kW		
	25 LVF 13 Optima	fpm	112	184	230	269	56	92	115	135	25	18	1079 ft	
		USt	2.8	1.6	1.2	0.7	5.5	3.2	2.4	1.4				
	25 LVF 15 Optima	fpm	98	157	197	236					25	18	748 ft	
		USt	3.3	1.9	1.4	0.8								
	4 DVF 3	fpm	0 → 207									5	3.7	
	RVF 151 Optima+	rpm	0 → 0.8									5.5	4	
ZC 2030 ZD 2030 	RT 224	fpm	82									2 x 4	2 x 2.9	
ZC 4230 	RT 324	fpm	41 - 82									2 x 7	2 x 5.2	

IEC 60204-32	kVA
400 V (+10% -10%) 50 Hz	25 LVF : 35 kVA

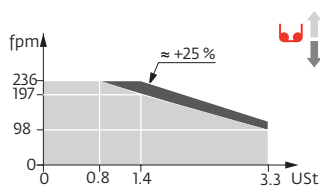
480 V - 60 Hz											hp	kW		
	25 LVF 13 Optima	fpm	112	184	230	269	56	92	115	135	25	18	1079 ft	
		USt	2.8	1.6	1.2	0.7	5.5	3.2	2.4	1.4				
	25 LVF 15 Optima	fpm	98	157	197	236					25	18	748 ft	
		USt	3.3	1.9	1.4	0.8								
	4 DVF 3	fpm	0 → 207									5	3.7	
	RVF 151 Optima+	rpm	0 → 0.8									5.5	4	
ZC 2030 ZD 2030 	RT 224	fpm	98									2 x 4.8	2 x 3.5	
ZC 4230 	RT 324	fpm	49 - 98									2 x 8.4	2 x 6.2	

IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	25 LVF : 35 kVA

25 LVF 13 Optima



25 LVF 15 Optima



	Hoisting
	Slewing
	Travelling
	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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