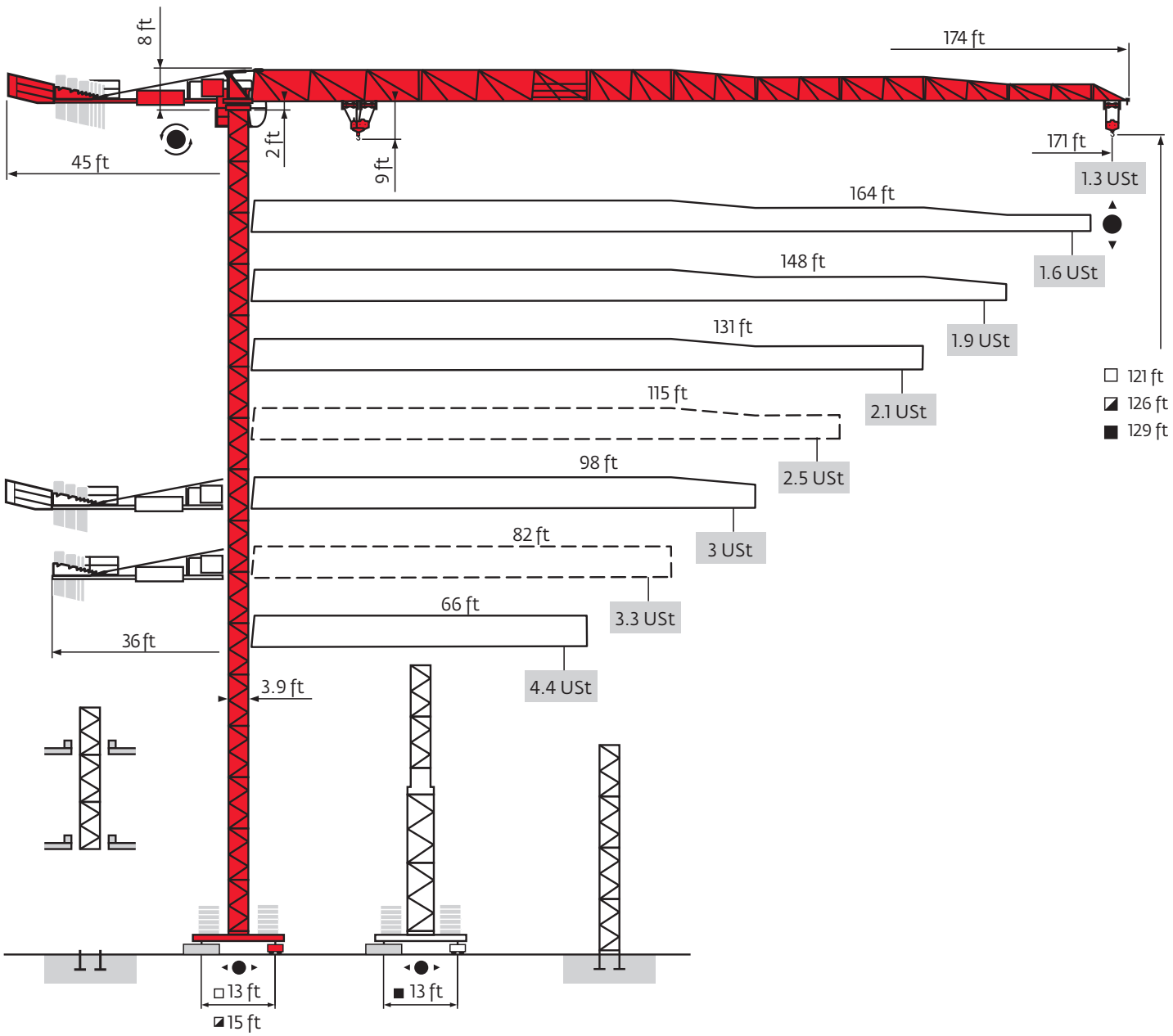
Potain MCT 88

Data Sheet

FEM 1.001-A3

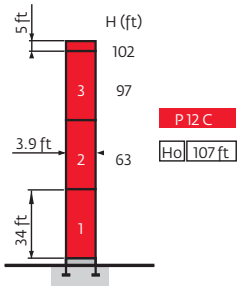


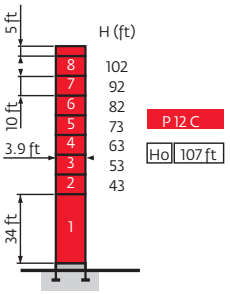
Values have been rounded

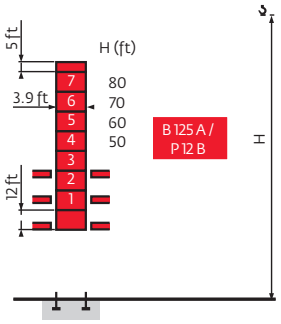
Mast

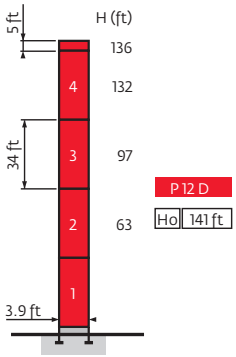
3.9 ft

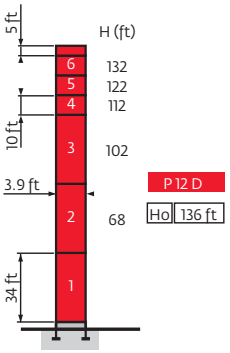
66 ft → 171 ft

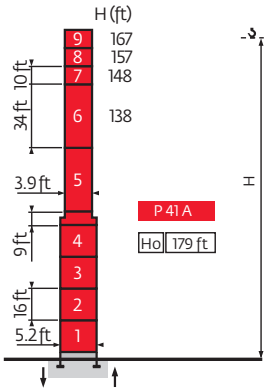


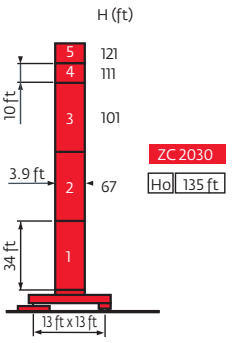


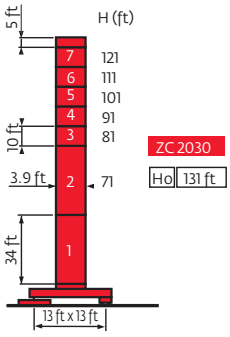


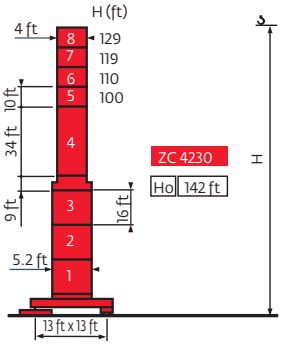


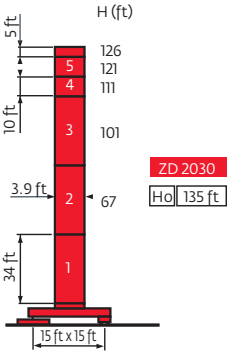


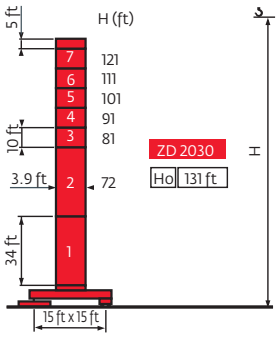












ZC 2030 - ZC 4230 - ZD 2030

2  H2 = H + 1 ft

3  H3 = H

4  H4 = H + 0.7 ft

Ho H without cab

See climbing crane

Load charts

171 ft

10 ►	45	49	56	66	72	75	80	82	87	89	98	105	115	121	131	138	148	154	164	171	ft
5.5	5	4.3	3.5	3.1	-	2.8	-	2.8	2.7	2.4	2.2	2	1.9	1.7	1.6	1.4	1.4	1.3	1.2	USt
						3.3	-	3	-	2.8	2.4	2.3	2	1.9	1.8	1.7	1.5	1.4	1.3	1.3	USt

164 ft

10 ►	52	56	66	72	82	87	89	93	98	101	105	115	121	131	138	148	154	164	ft
5.5	5.1	4.2	3.7	3.2	-	2.9	2.8	-	2.8	2.6	2.4	2.2	2	1.9	1.8	1.7	1.5	USt
					3.3	3.3	-	2.9	-	2.7	2.4	2.3	2.1	2	1.8	1.7	1.6	USt

148 ft

10 ►	53	56	66	72	82	89	90	95	98	104	105	115	121	131	138	148	ft
5.5	5.3	4.3	3.9	3.3	3	-	2.8	-	2.8	2.7	2.4	2.3	2.1	2	1.8	USt
						3.3	-	3	-	2.8	2.5	2.4	2.1	2	1.9	USt

131 ft

10 ►	53	56	66	72	82	89	90	95	98	104	105	115	121	131	ft
5.5	5.3	4.3	3.9	3.3	3	-	2.8	-	2.8	2.7	2.4	2.3	2.1	USt
						3.3	-	3	-	2.8	2.5	2.4	2.1	USt

115 ft

10 ►	53	56	66	72	82	89	90	95	98	104	105	115	ft
5.5	5.3	4.3	3.9	3.3	3	-	2.8	-	2.8	2.7	2.4	USt
						3.3	-	3	-	2.8	2.5	USt

98 ft

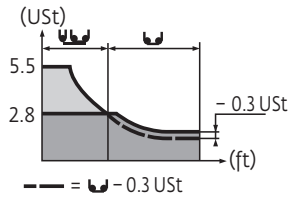
10 ►	53	56	66	72	82	89	90	95	98	ft
5.5	5.3	4.3	3.9	3.3	3	-	2.8	2.8	USt
						3.3	-	3	USt

82 ft

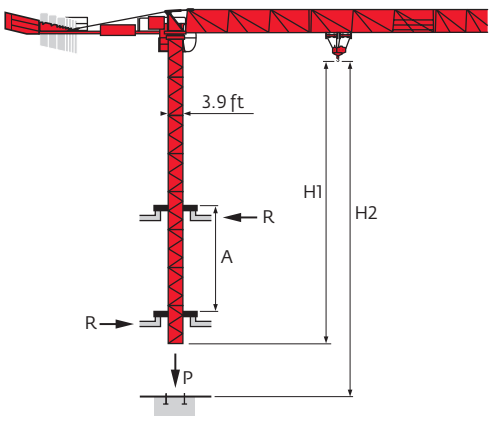
10 ►	53	56	66	72	82	ft
5.5	5.3	4.3	3.9	3.3	USt
				3.3	USt

66 ft

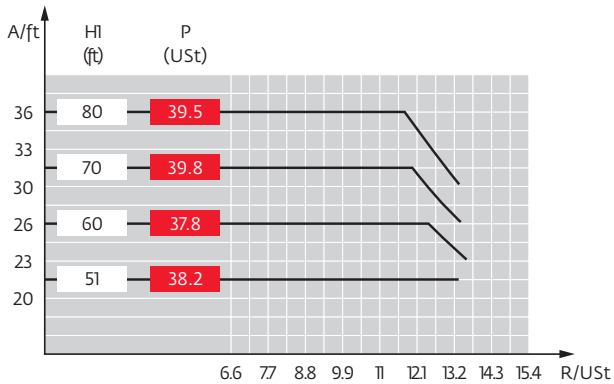
10 ►	53	56	66	ft
5.5	5.3	4.4	USt
		3.3	USt

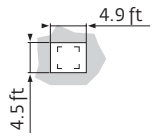


Climbing crane



B 125 A





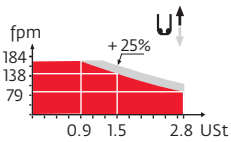
A	Distance between collars
H1	Crane height
P	Crane weight (in service)
R	Horizontal reaction

Mechanisms

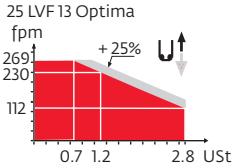
																	hp	kW	
	15 LVF 13 Optima	fpm	9	→	25	→	79	→	138	→	184	5	→	12	→	40	→	69	→	92	15	11	656 ft
		USt	2.8		2.8		2.8		1.5		0.9	5.5		5.5		5.5		3.1		1.8			
	25 LVF 13 Optima	fpm	13	→	36	→	112	→	184	→	230	→	269	7	→	20	→	56	→	92	→	115	→	135	25	18	1079 ft
		USt	2.8		2.8		2.8		1.6		1.2		0.7	5.5		5.5		5.5		3.2		2.4		1.4			
	15 LVF 15 Optima	fpm	7.5	→	20	→	62	→	112	→	151										15	11	522 ft
		USt	3.3		3.3		3.3		1.9		1												
	25 LVF 15 Optima	fpm	12	→	31	→	98	→	157	→	197	→	236								25	18	748 ft
		USt	3.3		3.3		3.3		1.9		1.4		0.8										
	RVF 61 Optima +	rpm	0 → 0.8																		7.5	5.5	
	4 DVF 3	fpm	0 → 207																		5	3.7	
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	

CEI 38 IEC 38	kVA
480 V (+6% -10%) 60 Hz	15 LVF : 25 kVA 25 LVF : 35 kVA

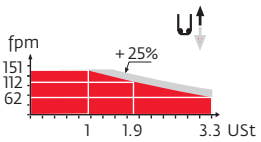
15 LVF 13 Optima



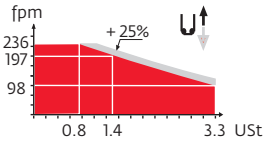
25 LVF 13 Optima



15 LVF 15 Optima



25 LVF 15 Optima



- Hoisting
- Trolleying
- Slewing
- Traveling
- Consult us

Component weights

Description	L x W x H (ft)	Weight (lb)
Counter-jib assembly transport position	39 x 5.3 x 8.1	9369
Cab V140L and support	8.8 x 7.9 x 9.6	1911
SM trolley	3.7 x 3.3 x 2.4	362
SM hookblock	2.4 x 0.7 x 3.7	293
2C trolley	3.6 x 3.3 x 2.4	287
2C trolley	3.7 x 3.3 x 2.4	254
2C hookblock	3.6 x 0.7 x 4.5	511
SR24E-2	35.1 x 4.2 x 4.2	4850
SR26E-2	35.3 x 4.2 x 4.2	6338
SR25F-2	25.4 x 4.3 x 4.3	4403
S24A1-2	10.5 x 4.2 x 4.3	1572
K40 / L20	9.7 x 6.9 x 6.8	1219
Cross shaped base ZD 4230 (4,5 m)	21.7 x 2.6 x 3.6	4034
	21.7 x 1.6 x 4.3	4707

Description	L x W x H (ft)	Weight (lb)
Jib foot (B3040)	35.3 x 5.9 x 7.2	6217
Jib section (H3046)	33.5 x 2.6 x 6.4	2425
Jib section (A3016)	33.4 x 2.6 x 6.3	1636
Jib section (F3021)	33.3 x 2.6 x 4.9	1248
Jib section (X3060)	16.8 x 2.6 x 4.8	419
Jib section (H3127)	16.7 x 2.6 x 3.3	381
Jib section (U3115)	6.7 x 2.6 x 3.3	132
Jib section (D3088)	17 x 2.6 x 6.3	880
Jib section (P3098)	16.9 x 2.6 x 6.2	710
Jib section (B3144)	16.9 x 2.6 x 4.9	633
Jib section (N3097)	16.8 x 2.6 x 4.9	624
Jib tip	3.1 x 3.1 x 1.5	132
Counter-jib ballast CBQ (1000 kg)	0.8 x 2.2 x 9	2205
Counter-jib ballast CBP (3000 kg)	2.3 x 2.2 x 9.2	6614