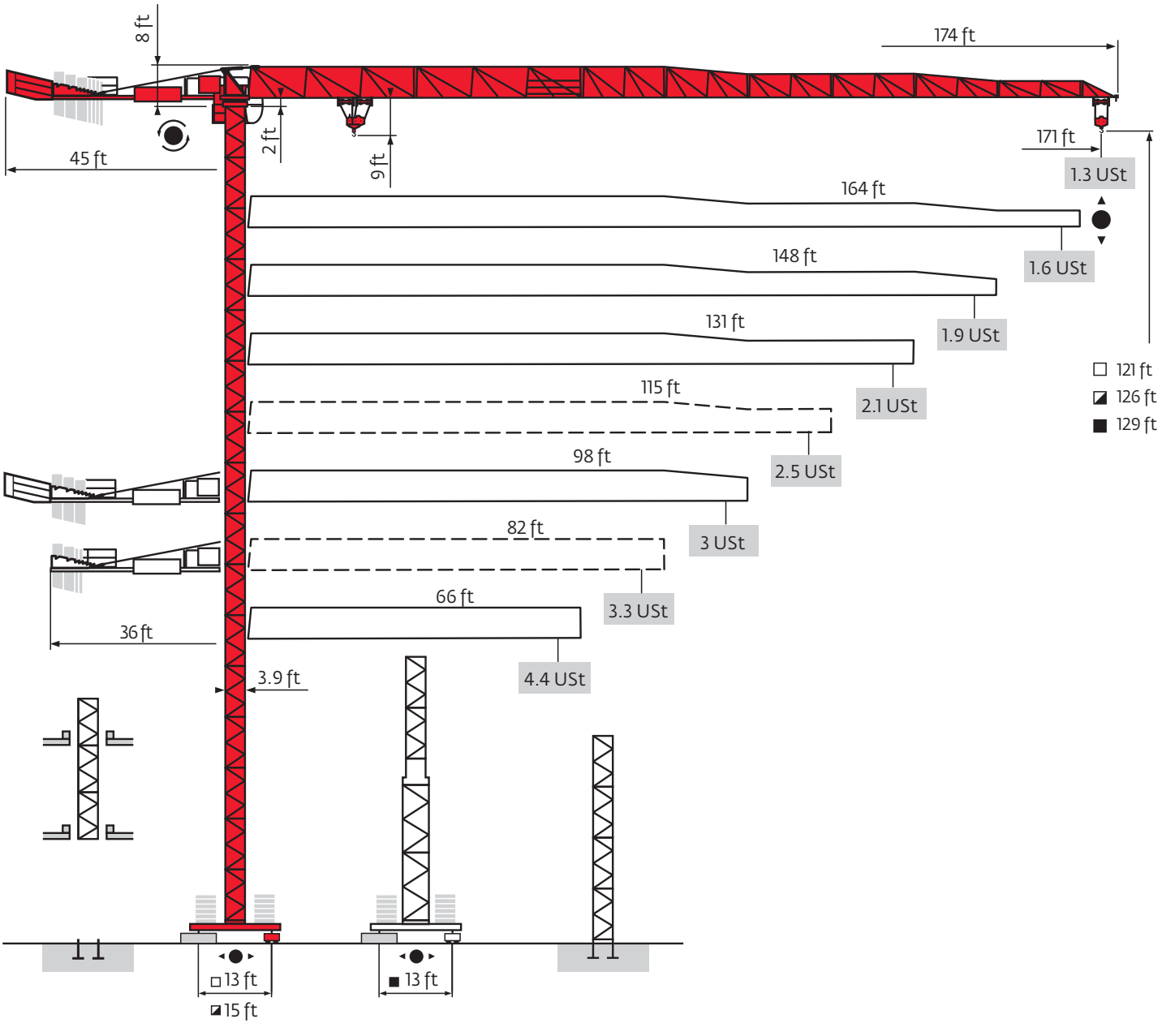
Grove Manitowoc National Crane Potain

Potain MCT 88

Data Sheet

FEM 1.001-A3

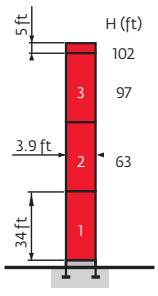


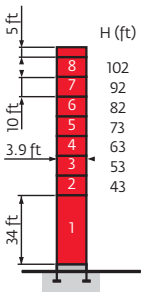
Values have been rounded

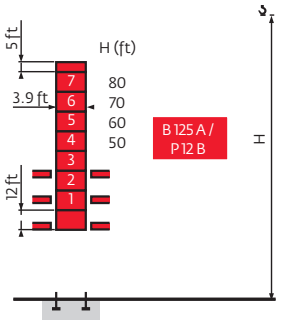
Mast

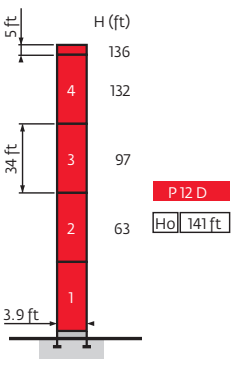
☐ 3.9 ft

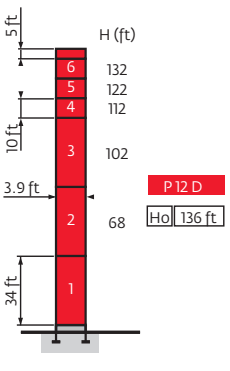
66 ft → 171 ft

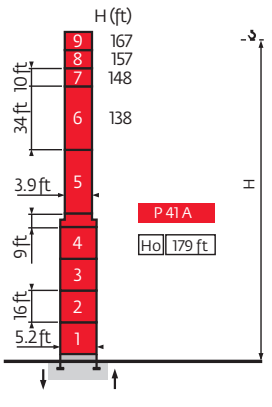


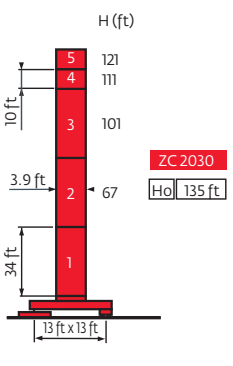


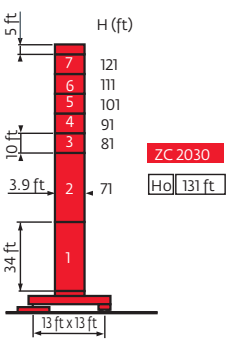


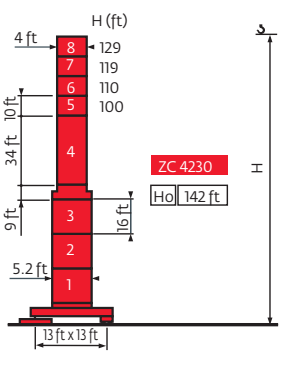


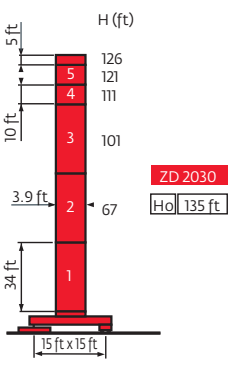


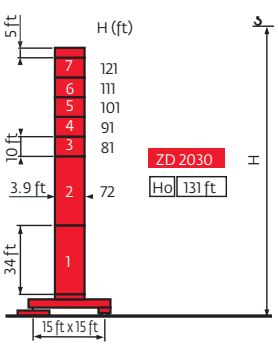












ZC 2030 - ZC 4230 - ZD 2030

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

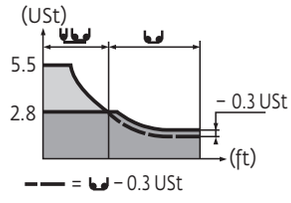
10 ►	53	56	66	72	82	89	90	95	98	ft
/	5.5	5.3	4.3	3.9	3.3	3	-	2.8	2.8	USt
							3.3	-	3	USt

82 ft

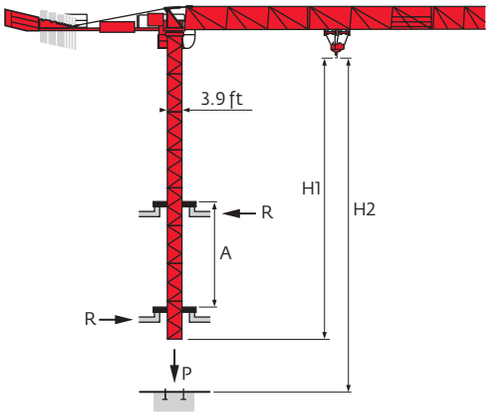
10 ►	53	56	66	72	82	ft
/	5.5	5.3	4.3	3.9	3.3	USt
					3.3	USt

66 ft

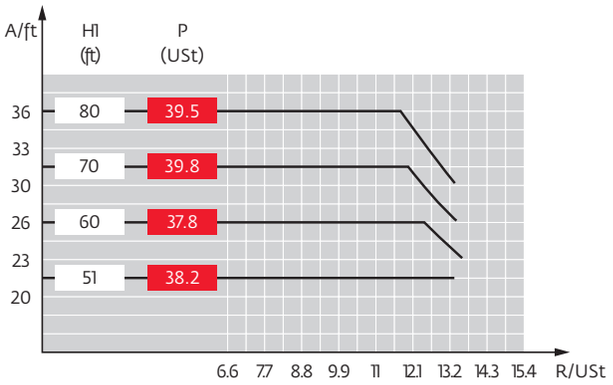
10 ►	53	56	66	ft
/	5.5	5.3	4.4	USt
			3.3	USt

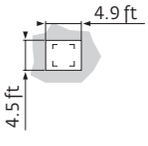


Climbing crane



B 125 A





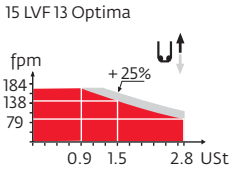
A	Distance between collars
H1	Crane height
P	Crane weight (in service)
R	Horizontal reaction

Mechanisms

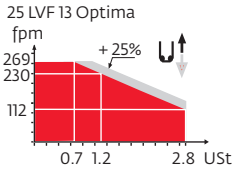
					hp	kW	
	15 LVF 13 Optima	fpm	9 → 25 → 79 → 138 → 184	5 → 12 → 40 → 69 → 92	15	11	656 ft
		USt	2.8 2.8 2.8 1.5 0.9	5.5 5.5 5.5 3.1 1.8			
	25 LVF 13 Optima	fpm	13 → 36 → 112 → 184 → 230 → 269	7 → 20 → 56 → 92 → 115 → 135	25	18	1079 ft
		USt	2.8 2.8 2.8 1.6 1.2 0.7	5.5 5.5 5.5 3.2 2.4 1.4			
	15 LVF 15 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

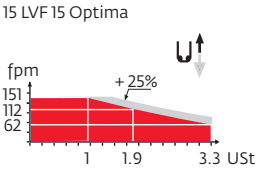
15 LVF 13 Optima



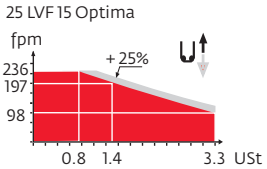
25 LVF 13 Optima



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

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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