



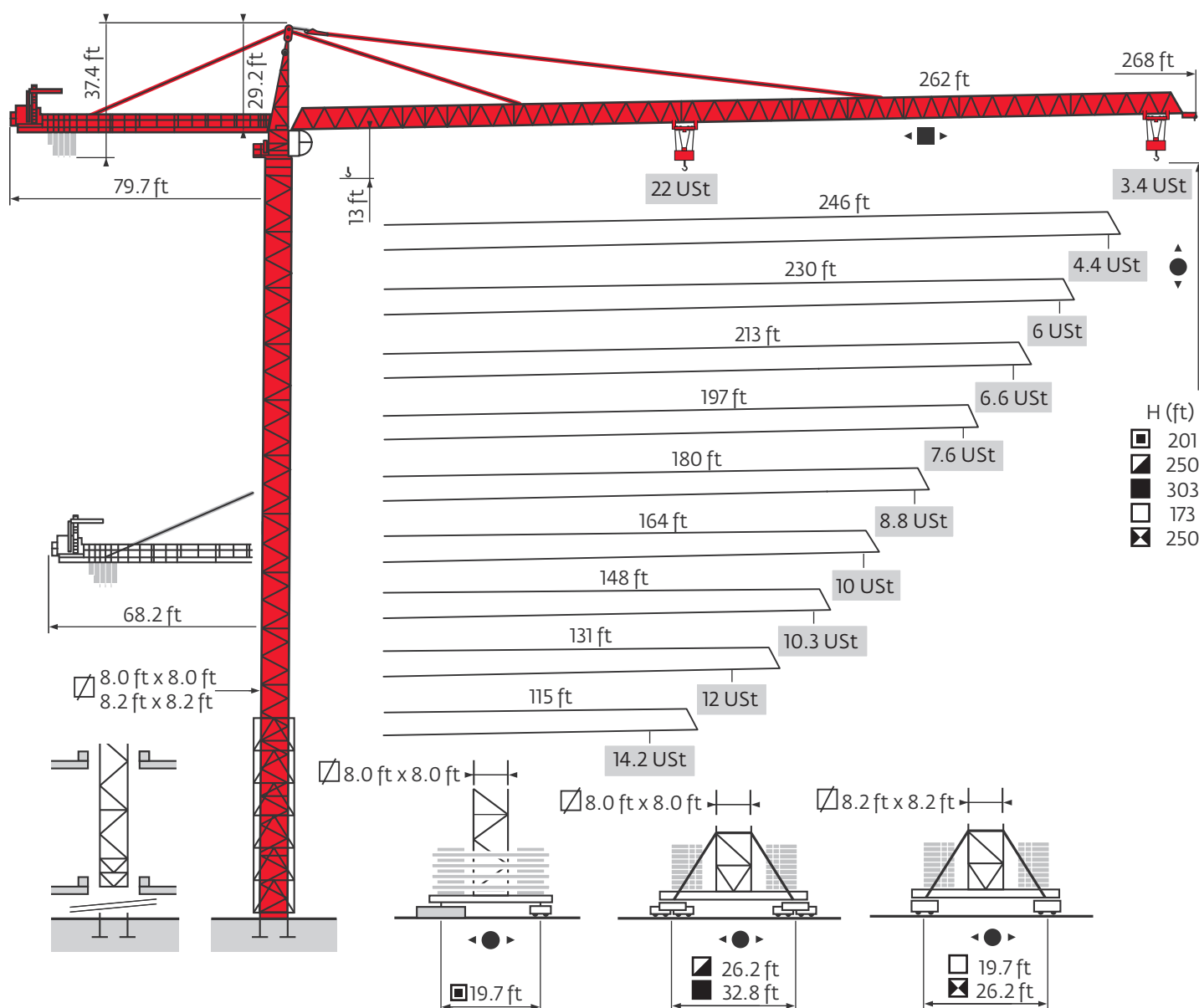
Grove Manitowoc National Crane Potain



Potain MD 485 B M20

Data Sheet

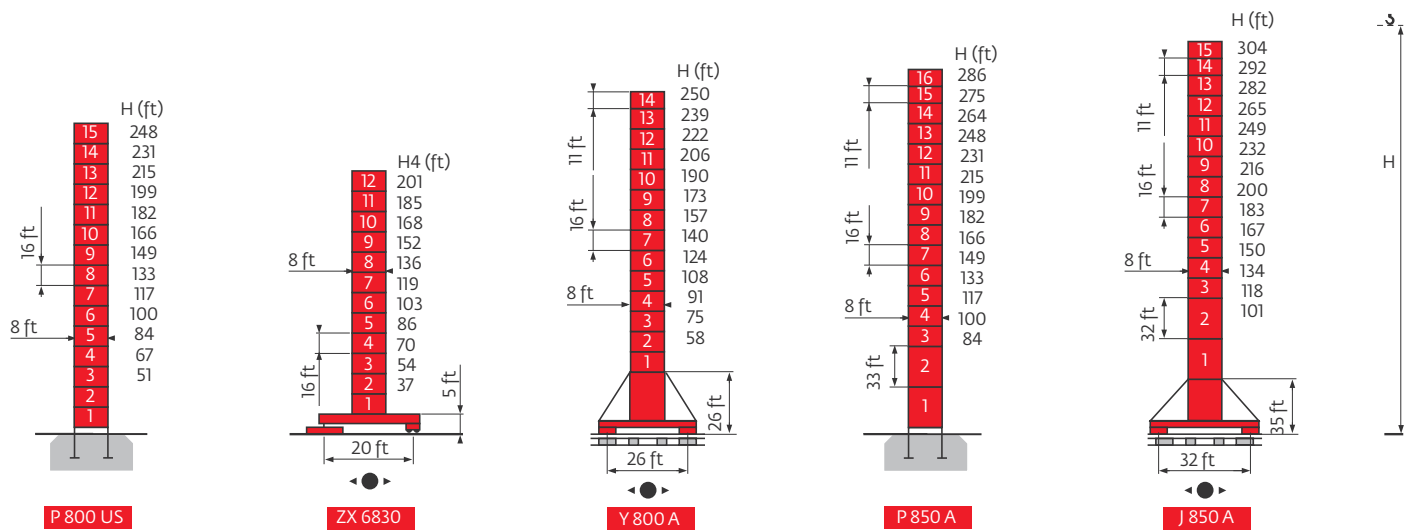
FEM 1.001-A3



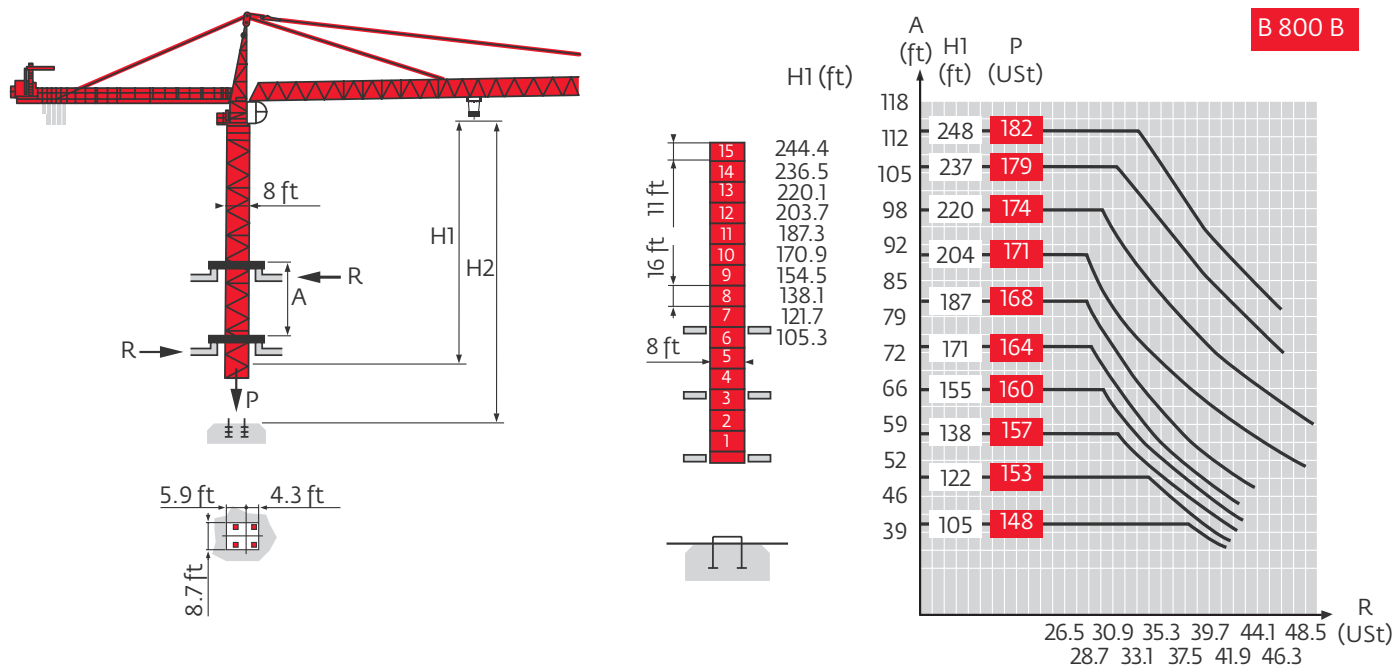
Values have been rounded



Mast



Climbing crane



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



Graph of U_{St} vs (ft) . The solid line represents U_{St} and the dashed line represents $U_{St} - 1.2 U_{St}$. The horizontal line at 11 is labeled $-1.2 U_{St}$.



	8818 lb - 13,228 lb	
	100 LVF - 150 LCC - 166 LBR	
		(lb)
262 ft	80 ft	66,138
246 ft	80 ft	61,728
230 ft	80 ft	61,728
213 ft	80 ft	57,319
197 ft	80 ft	48,501
180 ft	80 ft	44,092
164 ft	68 ft	57,319
148 ft	68 ft	48,501
131 ft	68 ft	44,092
115 ft	68 ft	35,273

[illegible]



Mechanisms

MD 485 B M20 - 60 Hz											hp	kW																						
	100 LVF 50 Optima	fpm	0	→	118	→	177	→	282	→	308	0	→	59	→	89	→	141	→	154	100	75	3340 ft											
		USt	11				6.6				3.3				2.8				22				13.2				6.6				5.5			
	180 LVF 50 GH Optima	fpm	0	→	177	→	302	→	591	→	801	0	→	89	→	151	→	295	→	400	150	110	3937 ft											
		USt	11				5.5				1.7				0.6				22				11				3.3				1.2			
	150 LCC 50	fpm	190	→	223	→	282	→	374	→	453	95	→	112	→	141	→	187	→	226	150	110	2582 ft											
		USt	11	8.3	6.6	3.3	1.4						22	16.5	13.2	6.6	2.8																	
	166 LBR 50	fpm	17/171	28/276	43/427	68/682						9/85	14/138	21/213	34/341						166	122	1585 ft											
		USt	11	6.9	4.1	2.3						22	13.8	8.3	4.5																			
	RVF183 Optima +	rpm	0 → 0.8																		3 x 12	3 x 9												
	10 DVF 10	fpm	LBR : 0 → 328 LVF - LCC : 0 → 262 (22 USt) - 0 → 28 (13.2 USt) - 0 → 361 (6.6 USt)																		10	7.4												
	 Y 800 A	fpm	52 - 105																		8 x 8.4	8 x 6.2												
 J 850 A																																		
 ZX 6830  X 80 A Y 80 A	RT 664 A2B - 2V	fpm	62 - 125																		6 x 8.4	6 x 6.2												
CEI 38 	IEC 38	480 V (+6% -10%)				 kVA		100 LVF : 135 kVA 150 LCC : 215 kVA					180 LVF : 215 kVA 166 LBR : 190 kVA																					

	Hoisting
	Trolleying
	Slewing
	Traveling
	Consult us

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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