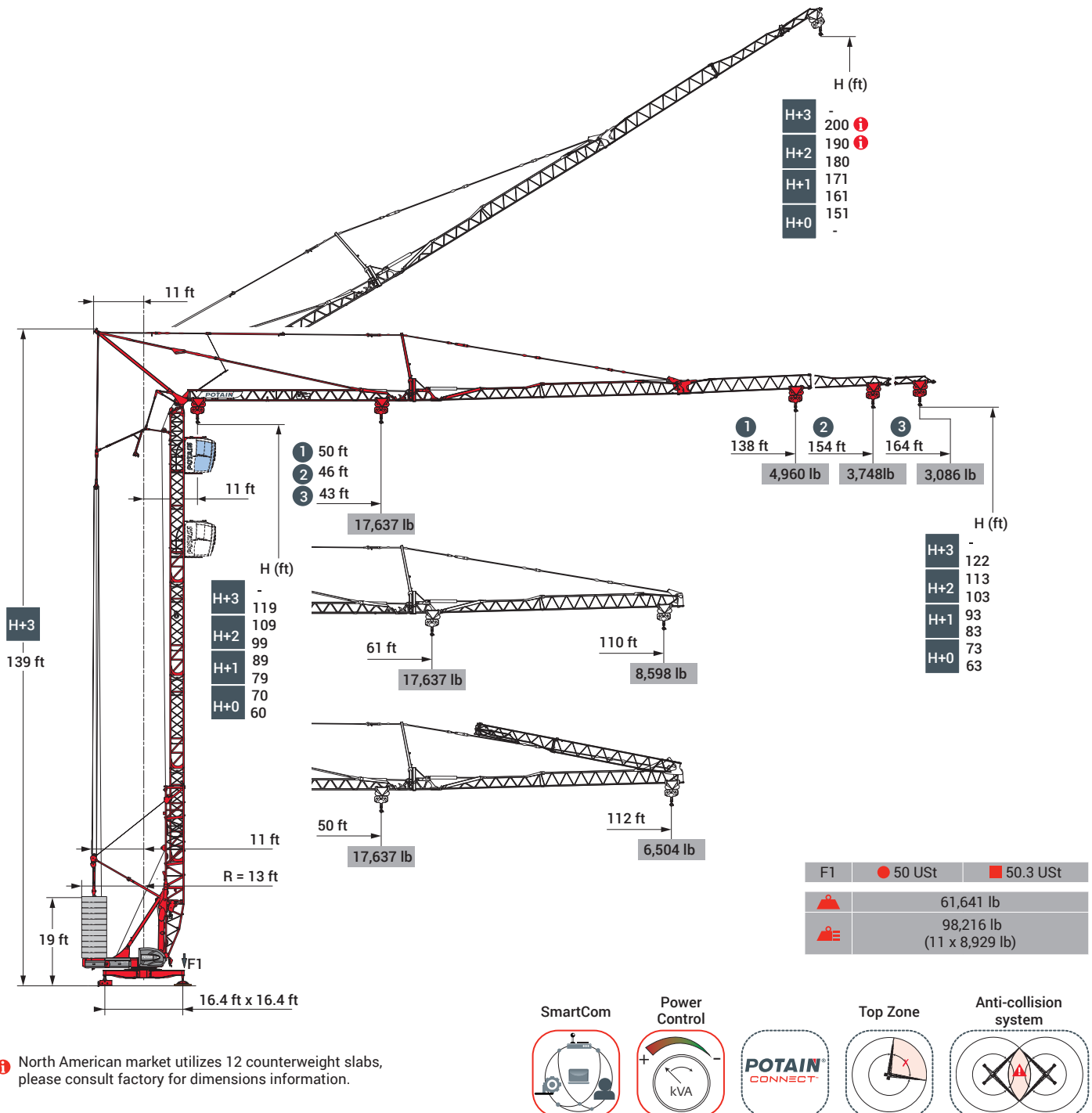


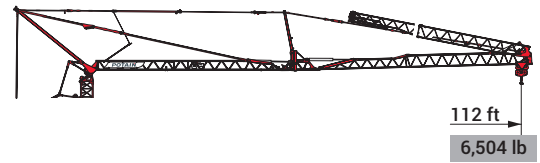
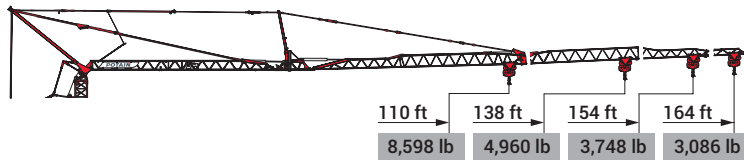
POTAIN®

IGO T 130

Data Sheet ASME B30.29

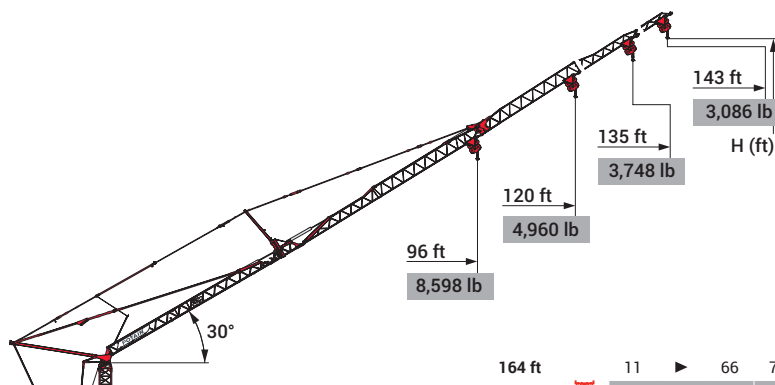


LOAD CURVES



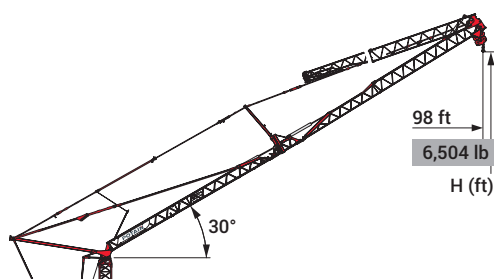
164 ft	11	▶	43	46	52	59	66	72	74	75	79	85	92	98	105	112	118	125	131	138	144	151	157	164	ft			
▲▲▲			17,637	16,314	13,669	11,905	10,362	9,259	-	8,598	8,157	7,496	6,834	6,173	5,732	5,291	4,850	4,519	4,189	3,968	3,748	3,527	3,307	3,086	lb			
			8,818										8,598	8,157	7,496	6,834	6,173	5,732	5,291	4,850	4,519	4,189	3,968	3,748	3,527	3,307	3,086	lb
154 ft	11	▶	46	49	52	59	66	72	79	80	82	85	92	98	105	112	118	125	131	138	144	151	154	ft				
▲▲▲			17,637	16,314	14,991	13,007	11,244	10,141	9,039	-	8,598	8,157	7,496	6,834	6,283	5,732	5,401	4,960	4,630	4,409	4,079	3,858	3,748	lb				
			8,818										8,598	8,157	7,496	6,834	6,283	5,732	5,401	4,960	4,630	4,409	4,079	3,858	3,748	lb		
138 ft	11	▶	50	52	59	66	72	79	82	85	88	89	92	98	105	112	118	125	131	138	ft							
▲▲▲			17,637	16,755	14,330	12,566	11,244	10,141	9,480	9,039	-	8,598	8,378	7,716	7,055	6,504	6,063	5,622	5,291	4,960	lb							
			8,818										8,598	8,378	7,716	7,055	6,504	6,063	5,622	5,291	4,960	lb						
110 ft	11	▶	61			66	72	79	82	85	89	92	98	105	108	110	ft											
▲▲▲			17,637			16,094	14,330	13,007	12,346	11,685	11,244	10,803	9,921	9,039	-	8,598	lb											
															8,818	8,598	lb											

164 ft																	
154 ft	11	▶		50	52	59	66	72	79	85	88	92	98	105	112	ft	
138 ft				17,637	16,755	14,330	12,566	11,244	10,141	9,039	-	8,378	7,716	7,055	6,504	lb	
▲▲▲												8,818	8,378	7,716	7,055	6,504	lb



		164 ft	154 ft	138 ft	110 ft
H+3	!	200	195	-	-
H+2	!	190	185	-	-
		180	175	166	151
H+1		171	165	156	141
		161	156	147	132
H+0		151	146	137	122

164 ft	11	▶	66	72	79	85	92	98	105	112	118	125	131	138	143	ft
▲▲▲	🚰		8,818	7,716	7,055	6,283	5,732	5,181	4,740	4,409	4,079	3,748	3,527	3,307	3,086	lb
154 ft	11	▶	70	72	79	85	92	98	105	112	118	125	135			ft
▲▲▲	🚰		8,818	8,598	7,716	6,834	6,283	5,732	5,291	4,850	4,519	4,189	3,748			lb
138 ft	11	▶			77	85	92	98	105	112	120					ft
▲▲▲	🚰				8,818	7,716	7,055	6,504	5,952	5,512	4,960					lb
110 ft	11	▶					94	96								ft
▲▲▲	🚰						8,818	8,598								lb



	164 ft
▲▲▲	154 ft
	138 ft
H+2	152
H+1	142
	133
H+0	123

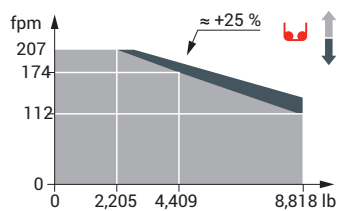
164 ft																									
154 ft	11	▶		77	79	85	92	98	ft																
138 ft				8,818	8,598	7,716	7,055	6,504	lb																

MECHANISMS

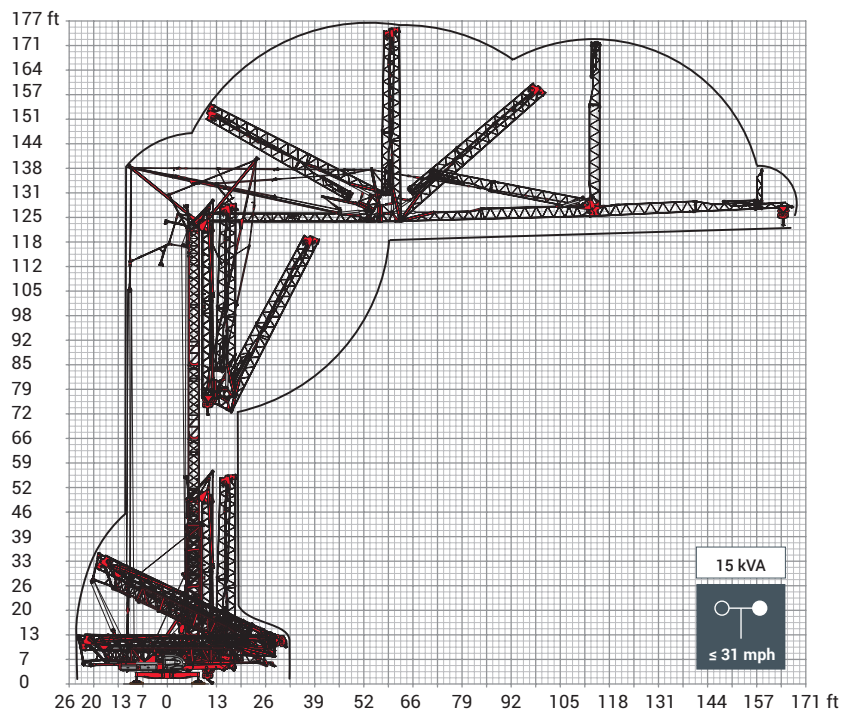
480 V - 60 Hz													hp	kW
	33 LVF 20 Optima	fpm	10	52	112	174	207	5	26	56	87	103	29.5	22
		lb	8,818	8,818	8,818	4,409	2,205	17,637	17,637	17,637	8,818	4,409		
	5 DVF 5	fpm	49 - 98 - 128 (4,409 → 17,637 lb) 49 - 98 - 180 (441 → 4,409 lb) 49 - 98 - 230 (0 → 441 lb)										5.4	4
	RVF 161 Optima+	rpm	0 → 0.8										7.5	5.5
	TVF 124	fpm	82										2 x 4	2 x 3

 IEC 60204-32	 kVA
480 V (+6% -10%) 60 Hz	 31 → 19 kVA  35 → 22 kVA 

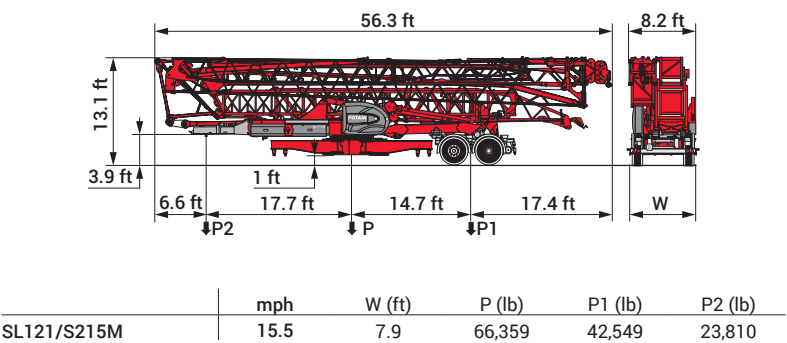
33 LVF 20 Optima



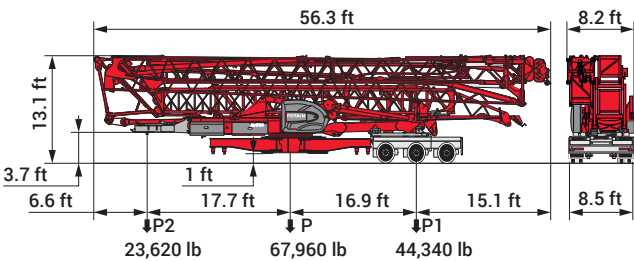
ERECTION



TRANSPORT

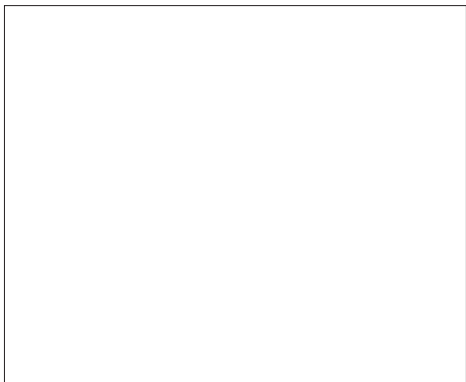


NORTH AMERICAN HIGHWAY AXLE



The reactions meet the EN 14439 and ASCE 7-10 specifications for “out of service” wind conditions, provided the illustrated wind speed matches required design wind speed for the location of the tower crane. The “out of service” design wind speed was determined in accordance with ASCE 7-10, Figure 26.5-1A. The wind velocity, used for this configuration was 98 mph (158 kph), which represents a nominal design 3-second wind gust at 33 ft (10 m) above ground for Exposure B category. A factor of 0.85 was applied to the 700-year ultimate design wind speed of 115 mph (185 kph), per ASCE 37-02, with the assumption that this crane is considered a temporary structure used during a construction period of 2 years or less.

Igo T 130



manitowoc.com