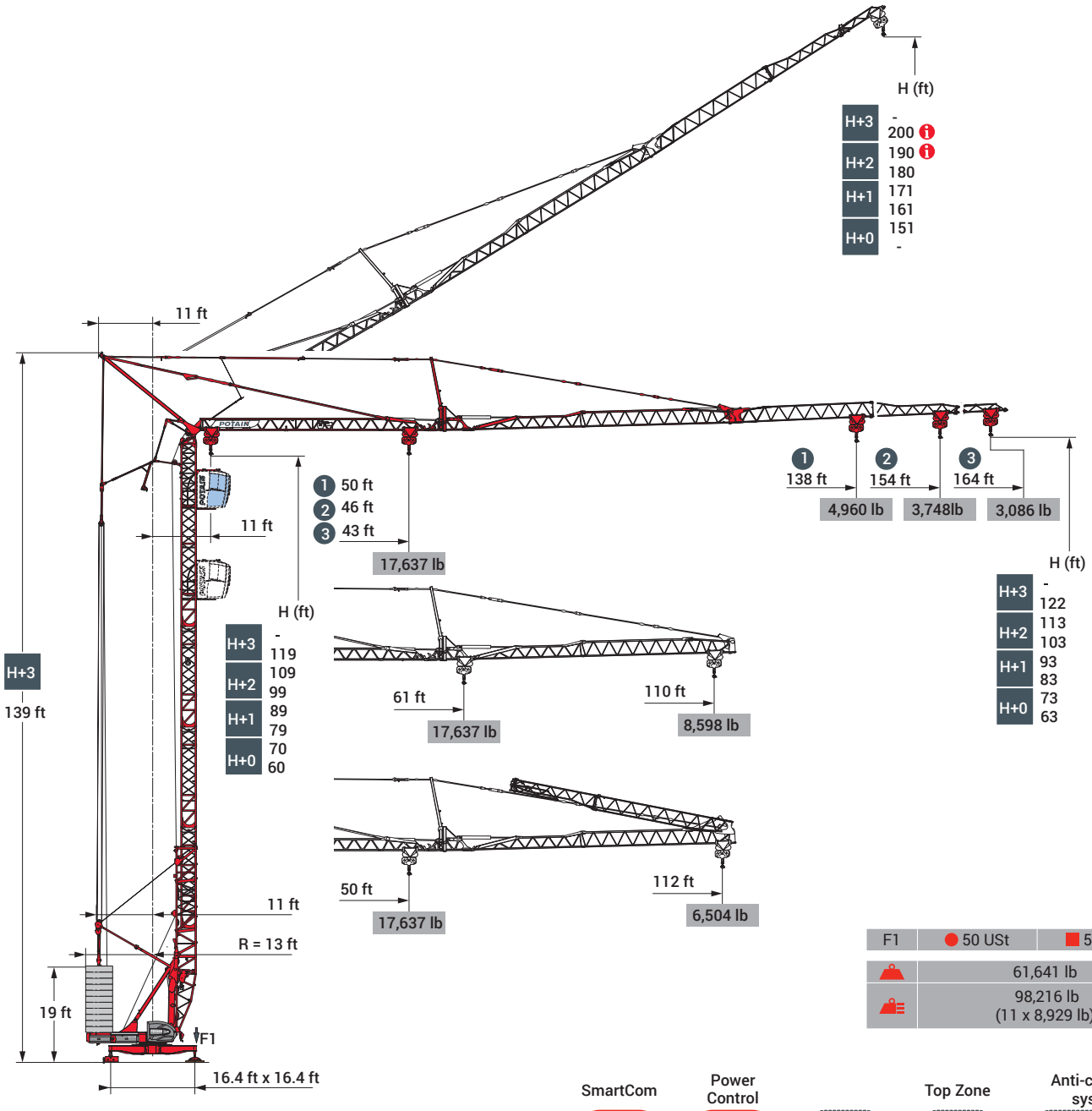
POTAIN®

IGO T 130

Data Sheet *ASME B30.29*



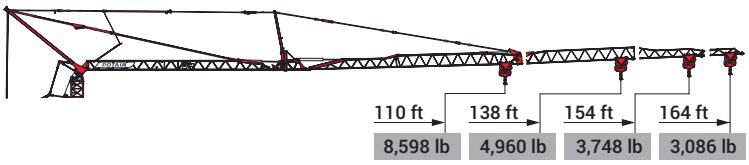
F1	50 USt	50.3 USt
	61,641 lb	
	98,216 lb (11 x 8,929 lb)	

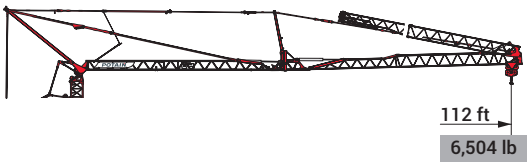
SmartCom | Power Control | Top Zone | Anti-collision system

North American market utilizes 12 counterweight slabs, please consult factory for dimensions information.

Values have been rounded.

LOAD CURVES





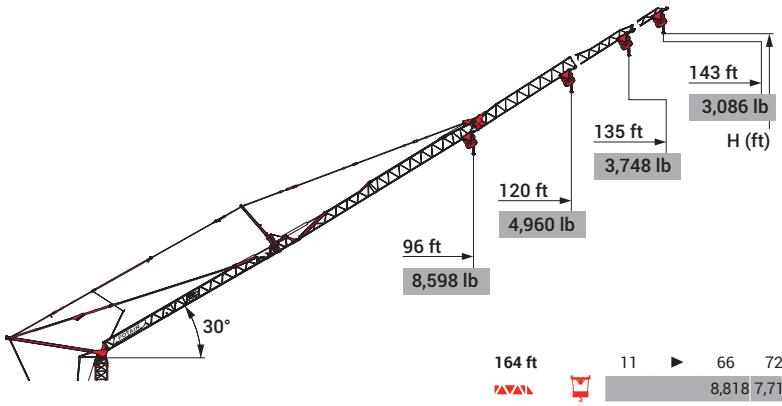
164 ft	11	▶	43	46	52	59	66	72	74	75	79	85	92	98	105	112	118	125	131	138	144	151	157	164	ft
			17,637	16,314	13,669	11,905	10,362	9,259	-	8,598	8,157	7,496	6,834	6,173	5,732	5,291	4,850	4,519	4,189	3,968	3,748	3,527	3,307	3,086	lb
									8,818	8,598	8,157	7,496	6,834	6,173	5,732	5,291	4,850	4,519	4,189	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



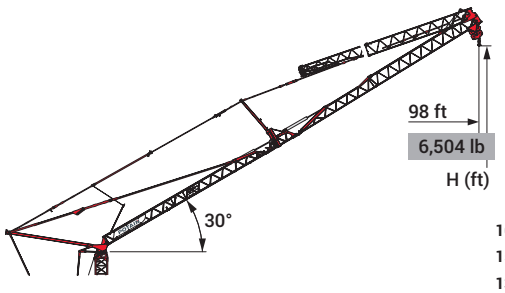
		164 ft	154 ft	138 ft	110 ft
H+3	ⓘ	200	195	-	-
H+2	ⓘ	190	185	-	-
H+1		180	175	166	151
		171	165	156	141
		161	156	147	132
H+0		151	146	137	122

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

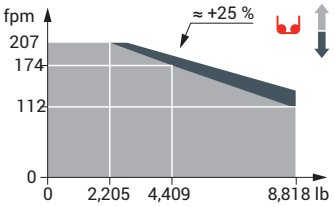
164 ft								
154 ft	11	▶	77	79	85	92	98	ft
138 ft			8,818	8,598	7,716	7,055	6,504	lb

MECHANISMS

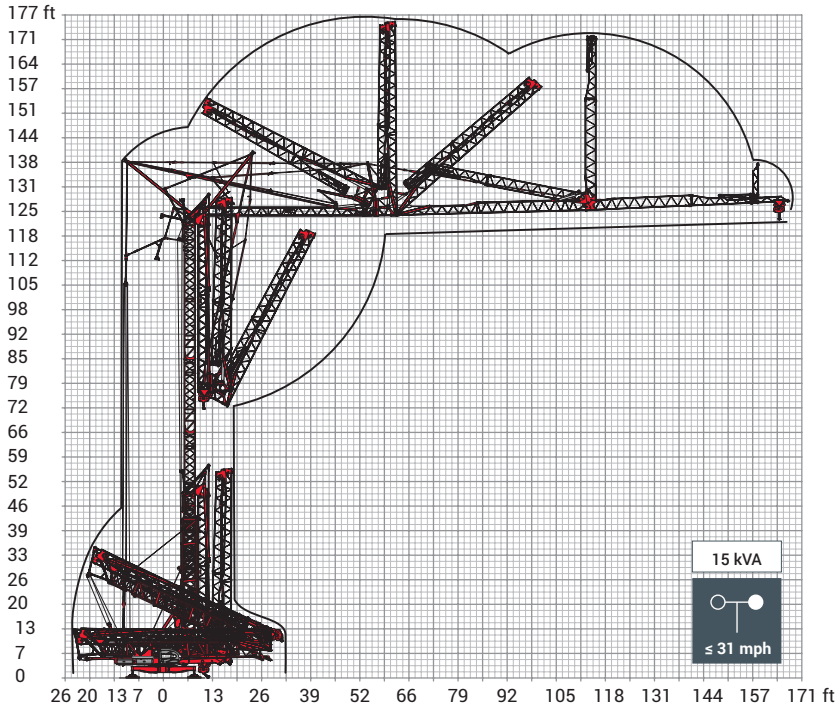
480 V - 60 Hz												hp	kW
	33 LVF 20 Optima	fpm	10	52	112	174	207	5	26	56	87	103	29.5	22
		lb	8,818	8,818	8,818	4,409	2,205	17,637	17,637	17,637	8,818	4,409		
	5 DVF 5	fpm	49 - 98 - 128 (4,409 → 17,637 lb) 49 - 98 - 180 (441 → 4,409 lb) 49 - 98 - 230 (0 → 441 lb)										5.4	4
	RVF 161 Optima+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

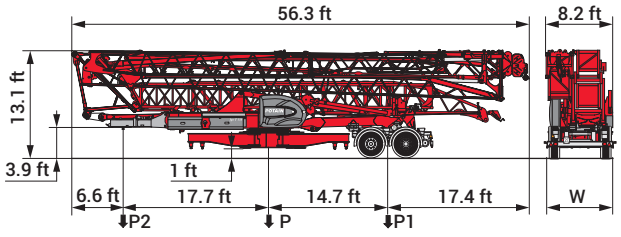
33 LVF 20 Optima



ERECTION

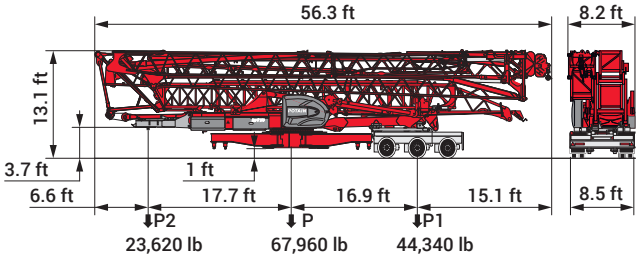


TRANSPORT



	mph	W (ft)	P (lb)	P1 (lb)	P2 (lb)
SL121/S215M	15.5	7.9	66,359	42,549	23,810

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

Ref. 02D_ASME_IgoT130_0525