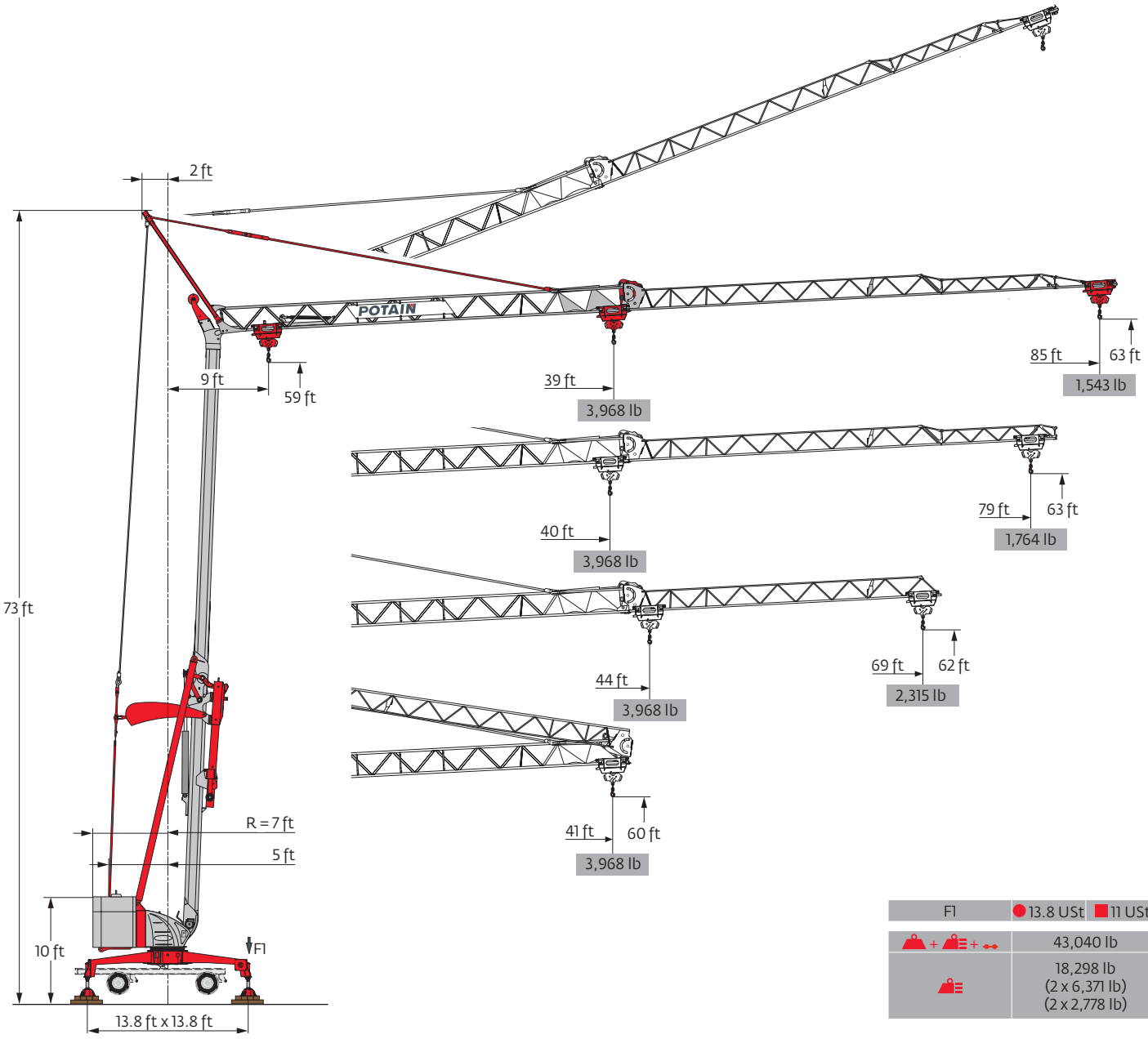
POTAIN®

Igo MA 21



F1	13.8 USt	11 USt
+ +	43,040 lb	
	18,298 lb (2 x 6,371 lb) (2 x 2,778 lb)	

SmartCom

Hydraulic Levelling

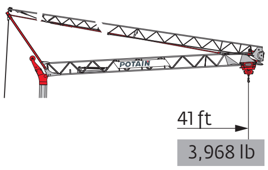
POTAIN CONNECT

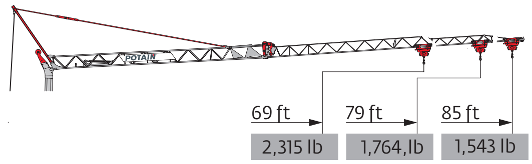
Top Zone

ASME B30.29

Values have been rounded.

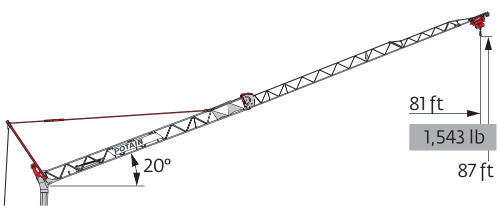
Load curves



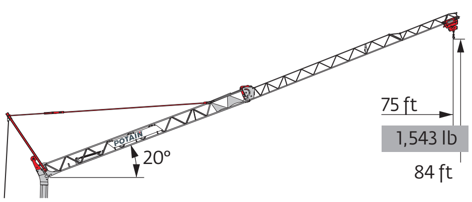


85 ft	9 ►	41	ft
		3,968	lb
79 ft	9 ►	41	ft
		3,968	lb
69 ft	9 ►	41	ft
		3,968	lb

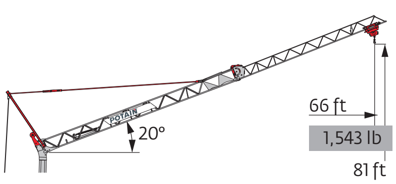
9 ►	39	43	46	49	52	56	59	62	66	69	72	75	79	82	85	ft
	3,968	3,594	3,285	3,020	2,789	2,590	2,414	2,260	2,127	2,006	1,896	1,797	1,709	1,620	1,543	lb
9 ►	40	43	46	49	52	56	59	62	66	69	72	75	79	ft		
	3,968	3,715	3,384	3,120	2,888	2,679	2,502	2,337	2,205	2,072	1,962	1,863	1,764	lb		
9 ►	44	46	49	52	56	59	62	66	69	ft						
	3,968	3,770	3,461	3,208	2,976	2,789	2,612	2,458	2,315	lb						



85 ft	9 ►	81	ft
		1,543	lb



79 ft	9 ►	75	ft
		1,543	lb



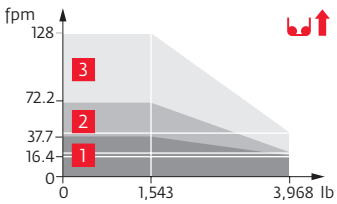
69 ft	9 ►	66	ft
		1,543	lb

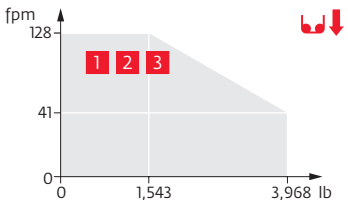
Mechanisms

230 V - 60 Hz 480 V - 60 Hz							hp	kW
	8 LVF 9 Optima	230 V 20 A 1	fpm	↕11.5	↑16.4 ↓41	↑37.7 ↓128	3.3	2.4
			lb	3,968	3,968	1,543		
		230 V 32 A 2	fpm	↕11.5	↑21.3 ↓41	↑72.2 ↓128	5.2	3.8
			lb	3,968	3,968	1,543		
		480 V 3	fpm	↕11.5	↕41	↕128	7.5	5.5
			lb	3,968	3,968	1,543		
	1 DVF 4		fpm	46 → 118 (0 → 1,543 lb) 46 → 92 (1,543 → 3,968 lb)			1.5	1.1
	RVF 20		rpm	0 → 1			1.5	1.1

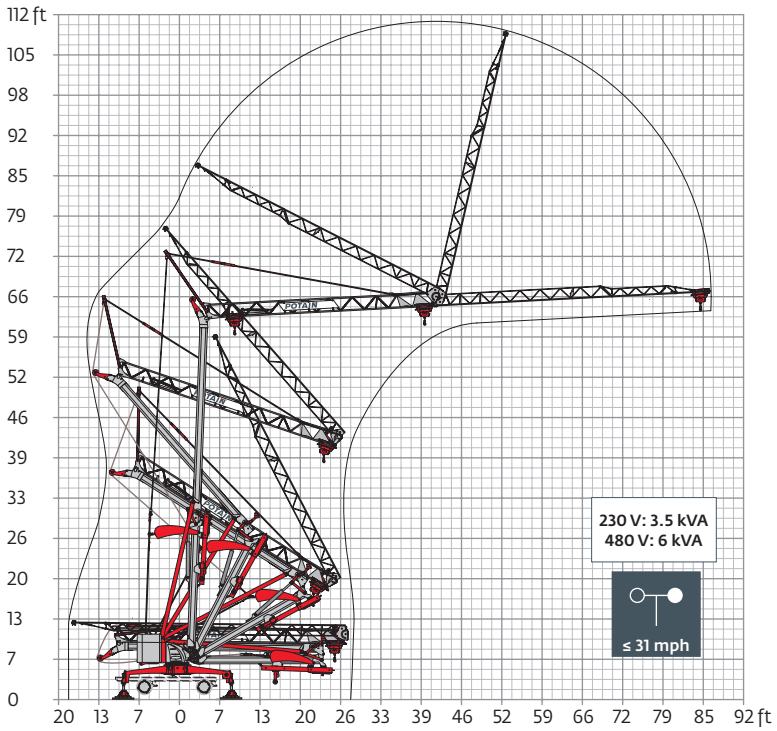
IEC 60204-32	kVA
230 V (+6% -10%) 60 Hz 480 V (+6% -10%) 60Hz	230 V 20 A: 4.6 kVA 230 V 32 A: 7.4 kVA 480 V: 11 kVA

8 LVF 9 Optima



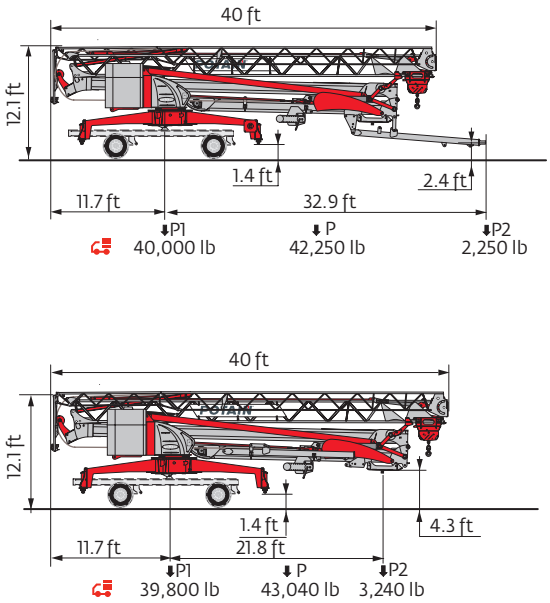


Erection



Transport

NORTH AMERICAN HIGHWAY AXLE (50 mph)



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.

- R — Rear slewing radius
- ● — Reactions in service
- ■ — Reactions out of service
- ▢ — Standard equipment
- ⬚ — Options
- Weight without load, without ballast, without transport axles, with max. jib and standard height
- Total ballast weight
- Transport axles
- Transport of crane with full ballast
- Hoisting
- Trolleying
- Slewing
- kVA — Required power
- 60 Hz Single phase

Hook heights given with plated pulley block

This commercial document is not legally binding

For any technical information, please refer to the corresponding instructions