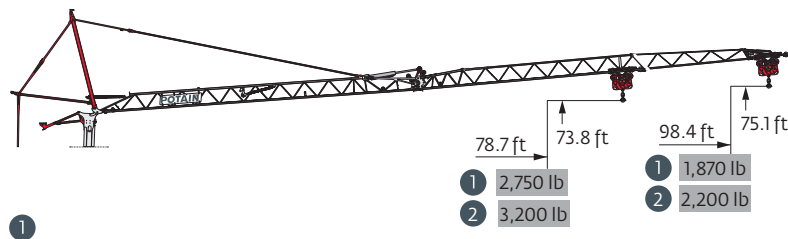


Load curves



1

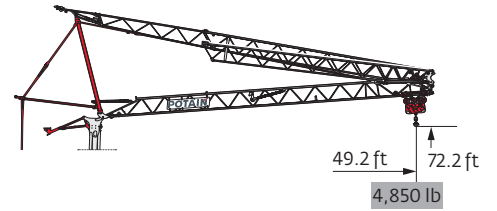
98 ft	10.2	44.3	46	49	53	56	59	62	69	76	82	85	92	98.4	ft
▲▲▲▲	▲														lb
		4,850	4,650	4,250	3,950	3,700	3,450	3,200	2,850	2,550	2,350	2,200	2,030	1,870	

79 ft	10.2		48.6	49	53	56	59	62	69	76	78.7	ft
▲▲▲▲	▲											
		4,850	4,800	4,450	4,100	3,850	3,600	3,200	2,900	2,750		lb

2

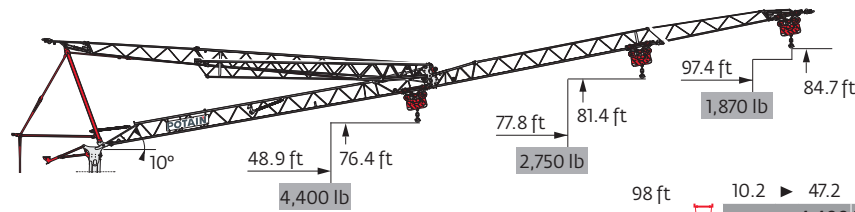
98 ft	10.2		50.2	53	56	59	62	69	76	82	85	92	98.4	ft
▲▲▲▲	▲													lb
		4,850	4,600	4,300	4,000	3,750	3,350	3,000	2,750	2,600	2,400	2,200		

79 ft	10.2 ▶		54.8	56	59	62	69	76	78.7	ft
▲▲▲▲	▲									
		4,850	4,750	4,450	4,200	3,750	3,350	3,200		lb



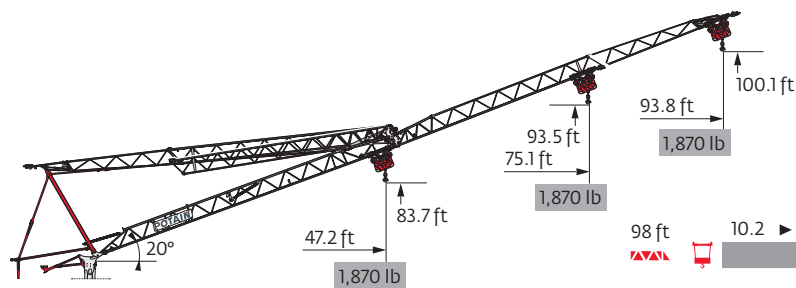
98 ft	10.2		49.2	ft
▲▲▲▲	▲			
		4,850		lb

79 ft	10.2		49.2	ft
▲▲▲▲	▲			
		4,850		lb



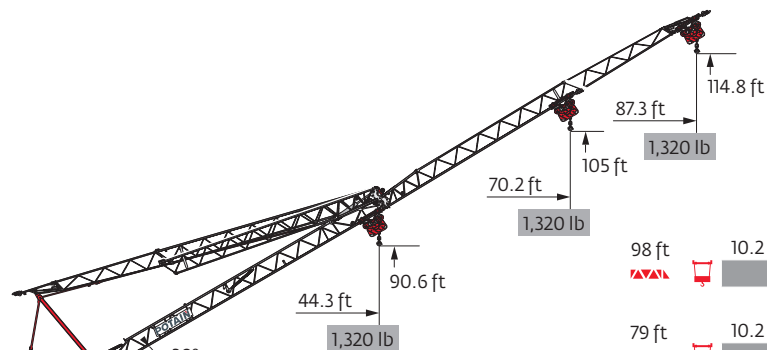
98 ft	10.2	47.2	53	56	59	62	69	76	82	85	92	97.4	ft
▲▲▲▲	▲												
		4,400	3,900	3,600	3,400	3,200	2,800	2,550	2,300	2,190	2,010	1,870	lb

79 ft	10.2 ▶	52.5	56	59	62	69	76	77.8	ft
▲▲▲▲	▲	4,400	4,050	3,800	3,550	3,200	2,850	2,750	lb



98 ft	10.2		93.8	ft
▲▲▲▲	▲			
		1,870		lb










79 ft	10.2		75.1	ft
▲▲▲▲	▲			
		1,870		lb






98 ft	10.2		87.3	ft
▲▲▲▲	▲			
		1,320		lb

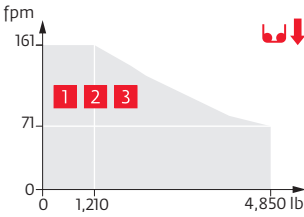
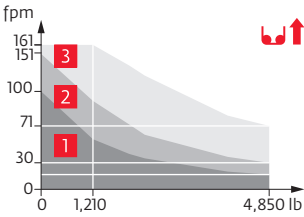
79 ft	10.2		70.2	ft
▲▲▲▲	▲			
		1,320		lb

Mechanisms

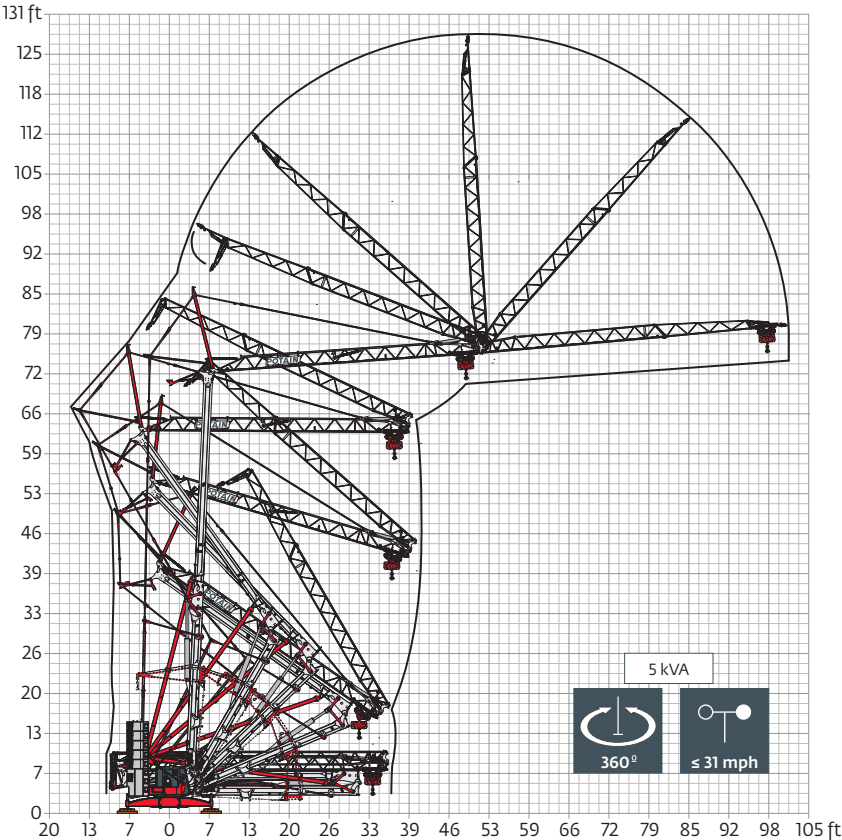
230 V - 60 Hz 480 V - 60 Hz									hp	kW	
	10 LVF 11 Optima	230 V 	fpm	5	16	34	39	56	3.3	2.4	
		20 A 	lb	4,850	4,850	2,200	1,870	1,210			
		230 V 	fpm	5	30	61	72	98	5.2	3.8	
		32 A 	lb	4,850	4,850	2,200	1,870	1,210			
		400 V	fpm	5	71	126	138	161	10	7.5	
		480 V 	lb	4,850	4,850	2,200	1,870	1,210			
	2 DVF 4 Optima			fpm	6	92	115	135	2	1.5	
				lb	4,850	4,850	2,400	1,320			440
	HPS 131			rpm	0 → 0.9					4	3

 IEC 60204-32	
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 → 8 kVA 

10 LVF 11 Optima

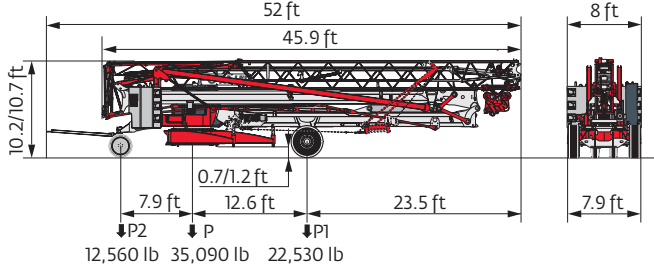


Erection

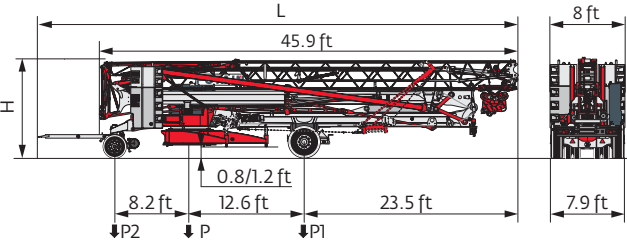


Transport

DS62/S120 - 6 mph

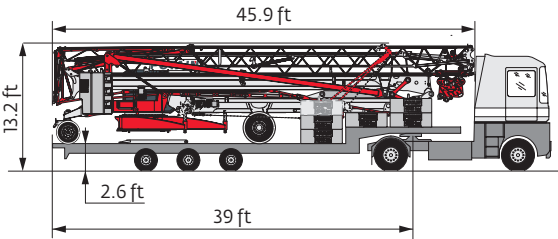
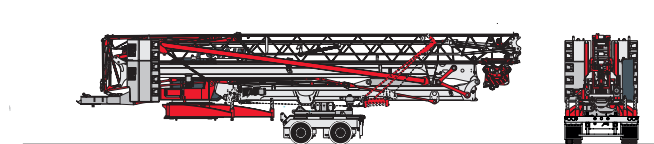


DJ105A/S125A, DJ126MA/S125A - 15.5 pmh



	mph	L (ft)	H (ft)	P (lb)	P1 (lb)	P2 (lb)
DJ105A/S125A	15.5	52.7	10.3/10.7	36,470	23,150	13,320
				42,640	24,050	18,590
DJ126MA/S125A	15.5	53.2	10.3/10.7	36,820	23,170	13,650
				42,990	24,050	18,940

North America 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.

- R

Rear slewing radius
- Reactions in service
- Reactions out of service
- ⚖

Weight without load, without ballast, without transport axles, with max. jib and standard height
- ⚖

Total ballast weight
- Standard equipment
- ⦶

Options
- ⓘ

Consult us
- ⬆

Hoisting
- ⬆

Trolleying
- ⬆

Slewing
- kVA

Required power
- ⌚

Power Control Function: winch speeds adapted to the available power

⚠ Hook heights given with plated pulley block

⚠ This commercial document is not legally binding

For any technical information, please refer to the corresponding instructions

