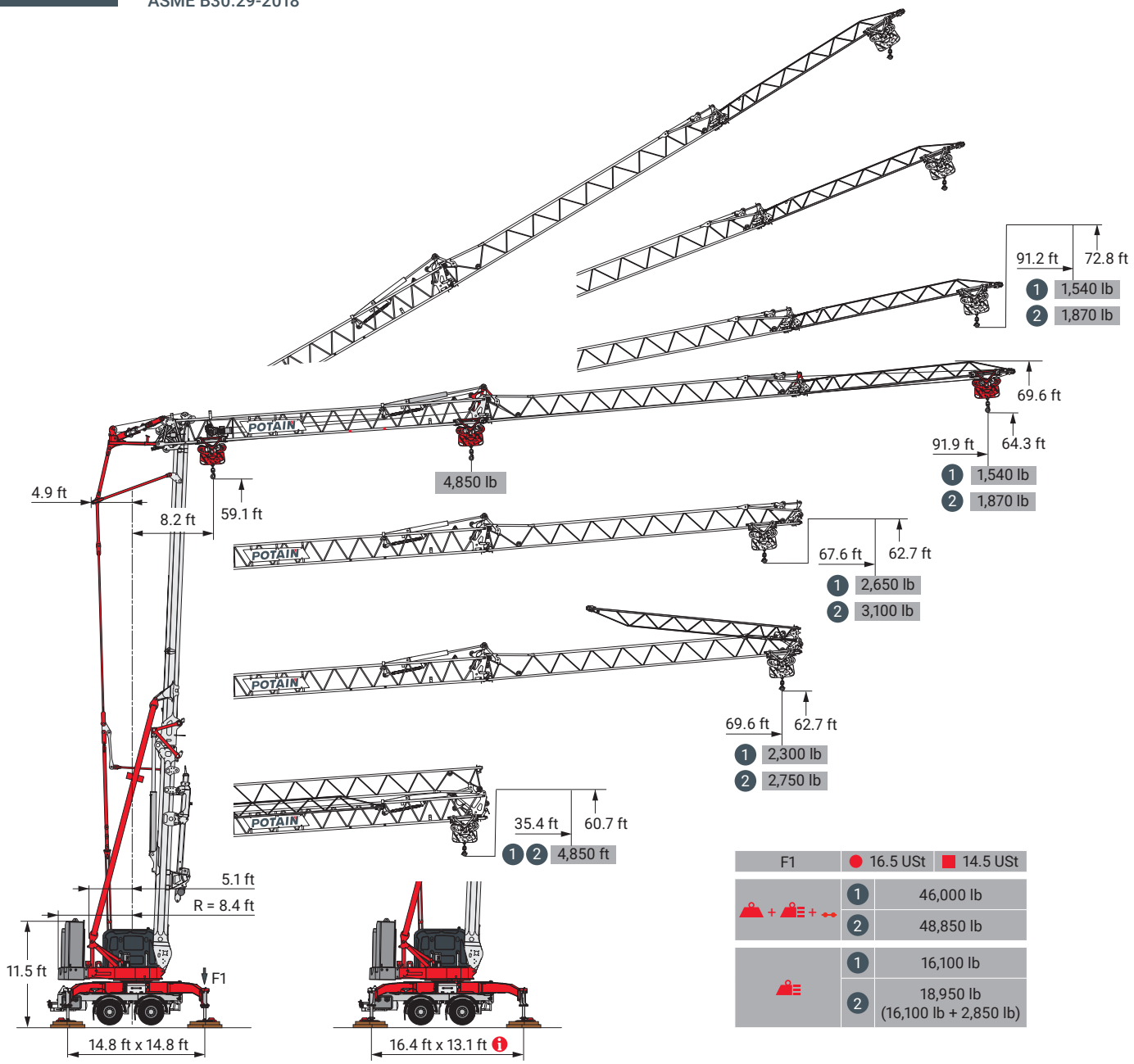
POTAIN®

Hup M 28-22 A

ASME B30.29-2018

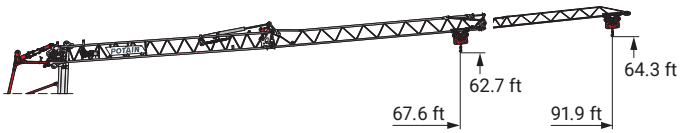


F1	16.5 USt	14.5 USt
+ +	1	46,000 lb
	2	48,850 lb
	1	16,100 lb
	2	18,950 lb (16,100 lb + 2,850 lb)

Smart Set-up | Drive Control | Power Control | Steering axle | Hydraulic Levelling | Top Site

Values have been rounded.

Load curves





1

92 ft	8.2 ►	36.2	39	43	46	49	52	56	59	62	66	69	72	75	79	82	85	89	91.9	ft
	4,850	4,400	3,950	3,650	3,350	3,100	2,850	2,700	2,500	2,350	2,200	2,090	1,980	1,880	1,780	1,700	1,620	1,540	lb
68 ft	8.2 ►	40.7	43	46	49	52	56	59	62	66	67.6	ft									
	4,850	4,600	4,200	3,850	3,600	3,350	3,100	2,900	2,750	2,650	lb										
92 - 68 ft	8.2 ►	35.4	ft																		
	4,850	lb																			

2

92 ft	8.2 ►	41.8	43	46	49	52	56	59	62	66	69	72	75	79	82	85	89	91.9	ft		
	4,850	4,750	4,350	4,000	3,700	3,450	3,200	3,000	2,850	2,650	2,500	2,400	2,250	2,160	2,050	1,960	1,870	lb			
68 ft	8.2 ►	46.1	49	52	56	59	62	66	67.6	ft											
	4,850	4,500	4,150	3,900	3,600	3,400	3,200	3,100	lb												
92 - 68 ft	8.2 ►	35.4	ft																		
	4,850	lb																			

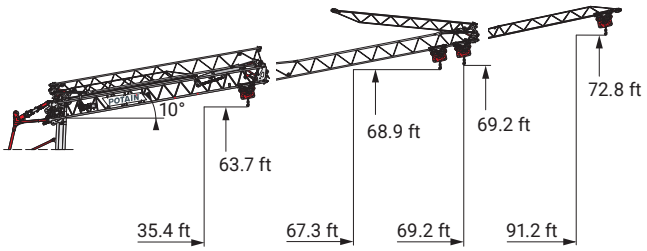


1

92 ft	8.2 ►	37.7	43	46	49	52	59	66	69.6	ft
	4,850	4,200	3,850	3,500	3,250	2,850	2,500	2,300	lb	

2

92 ft	8.2 ►	43.3	46	49	52	59	66	69.6	ft
	4,850	4,500	4,150	3,850	3,350	2,950	2,750	lb	

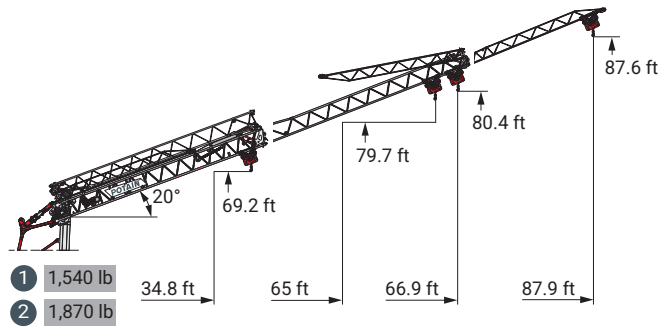


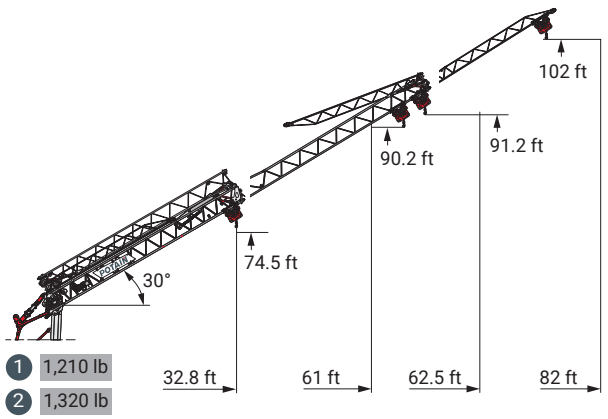
1

92 ft	8.2 ►	38.9	43	46	49	52	59	69	82	91.2	ft
	4,400	3,950	3,600	3,300	3,050	2,650	2,200	1,770	1,540	lb	
92 ft	8.2 ►	40.6	46	49	52	59	69.2	ft			
	4,400	3,800	3,500	3,250	2,800	2,300	lb				
68 ft	8.2 ►	43.9	46	49	52	59	67.3	ft			
	4,400	4,200	3,850	3,550	3,100	2,650	lb				
92 - 68 ft	8.2 ►	35.4	ft								
	4,400	lb									

2

92 ft	8.2 ►	44.9	46	49	52	59	69	82	91.2	ft
	4,400	4,300	3,950	3,650	3,200	2,650	2,140	1,870	lb	
92 ft	8.2 ►	46.7	49	52	59	69.2	ft			
	4,400	41,50	3,850	3,350	2,750	lb				
68 ft	8.2 ►	49.8	52	59	67.3	ft				
	4,400	4,150	3,600	3,100	lb					
92 - 68 ft	8.2 ►	35.4	ft							
	4,400	lb								



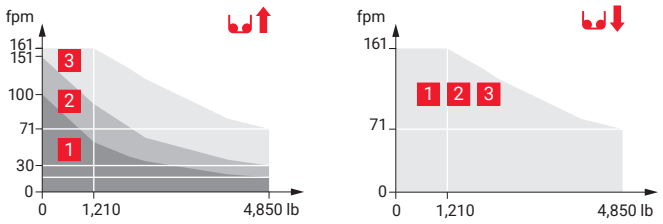


Mechanisms

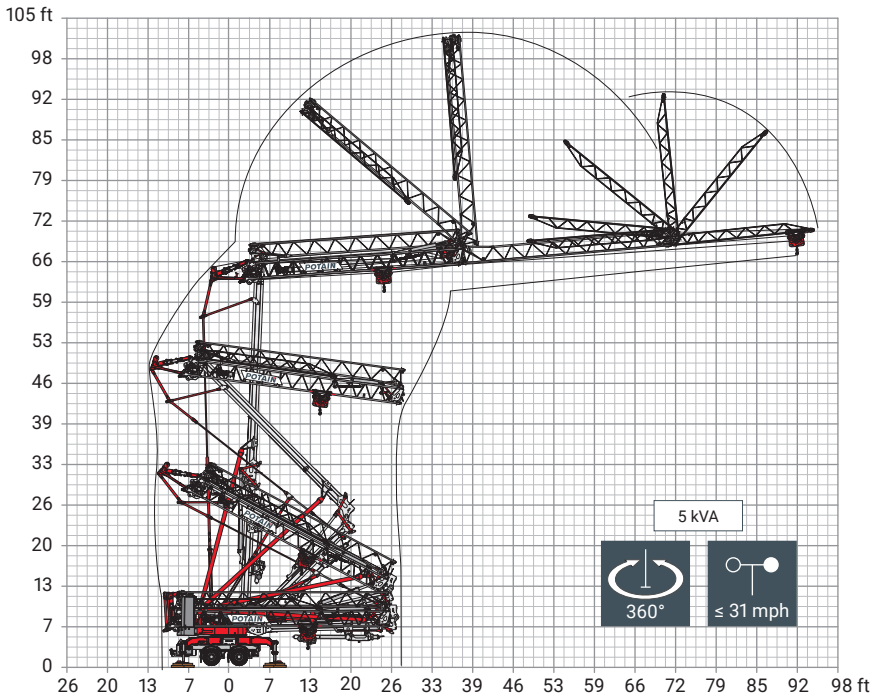
230 V - 60 Hz 480 V - 60 Hz									hp	kW
	10 LVF 11 Optima	230 V 20 A 1	fpm	5	16	34	39	56	3.3	2.4
			lb	4,850	4,850	2,200	1,870	1,210		
		230 V 32 A 2	fpm	5	30	61	72	98	5.2	3.8
			lb	4,850	4,850	2,200	1,870	1,210		
		480 V 3	fpm	5	71	126	138	161	10	7.5
			lb	4,850	4,850	2,200	1,870	1,210		
	2 DVF 4 Optima		fpm	6	92	115	135	156	2	1.5
			lb	4,850	4,850	2,400	1,320	440		
	HPS 131		rpm	0 → 0.8					4	3

IEC 60204-32	kVA
230 V (+6% -10%) 60 Hz 480 V (+6% -10%) 60 Hz	230 V 20 A : 4.6 kVA 230 V 32 A : 7.4 kVA 480 V : 13 → 9 kVA

10 LVF 11 Optima

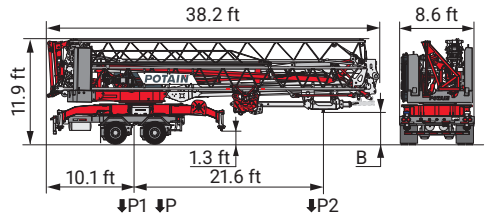


Erection



Transport

North America Highway Axle



	mph		B (ft)	P (lb)	P1 (lb)	P2 (lb)
TS014/S2-054A	**50**	16,100 lb	3.8/4	46,220	43,100	3,120
	50	18,950 lb	3.8/4	49,080	42,420	6,660

The reactions and ballast configurations presented in this data sheet meet the specifications of EN 14439:2025 and ASME B30.29-2018 standards.
The “out of service” wind profile is determined in accordance with ASCE 7-16 and ASCE 37-14 specifications as follow:
The “standard” design wind is determined from an ultimate reference wind speed of 115 mph (185 kph) corresponding to an average recurrence interval of 700 years, calculated for an Exposure C category, and combined with a 0.85 reduction factor based on the assumption that the crane is considered as a temporary construction structure used for 2 years or less.
As a result, this “standard” wind profile is covered by the EN 14439:2025 C25 wind profile, which is used to determine all technical data provided in this document.

- 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
- Power Control Function: winch speeds adapted to the available power
- Hoisting
- Trolleying
- Slewing
- kVA — Required power
- 60 Hz Single phase
- Consult us

⚠ Hook heights given with plated pulley block

This commercial document is not legally binding

For any technical information, please refer to the corresponding instructions

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