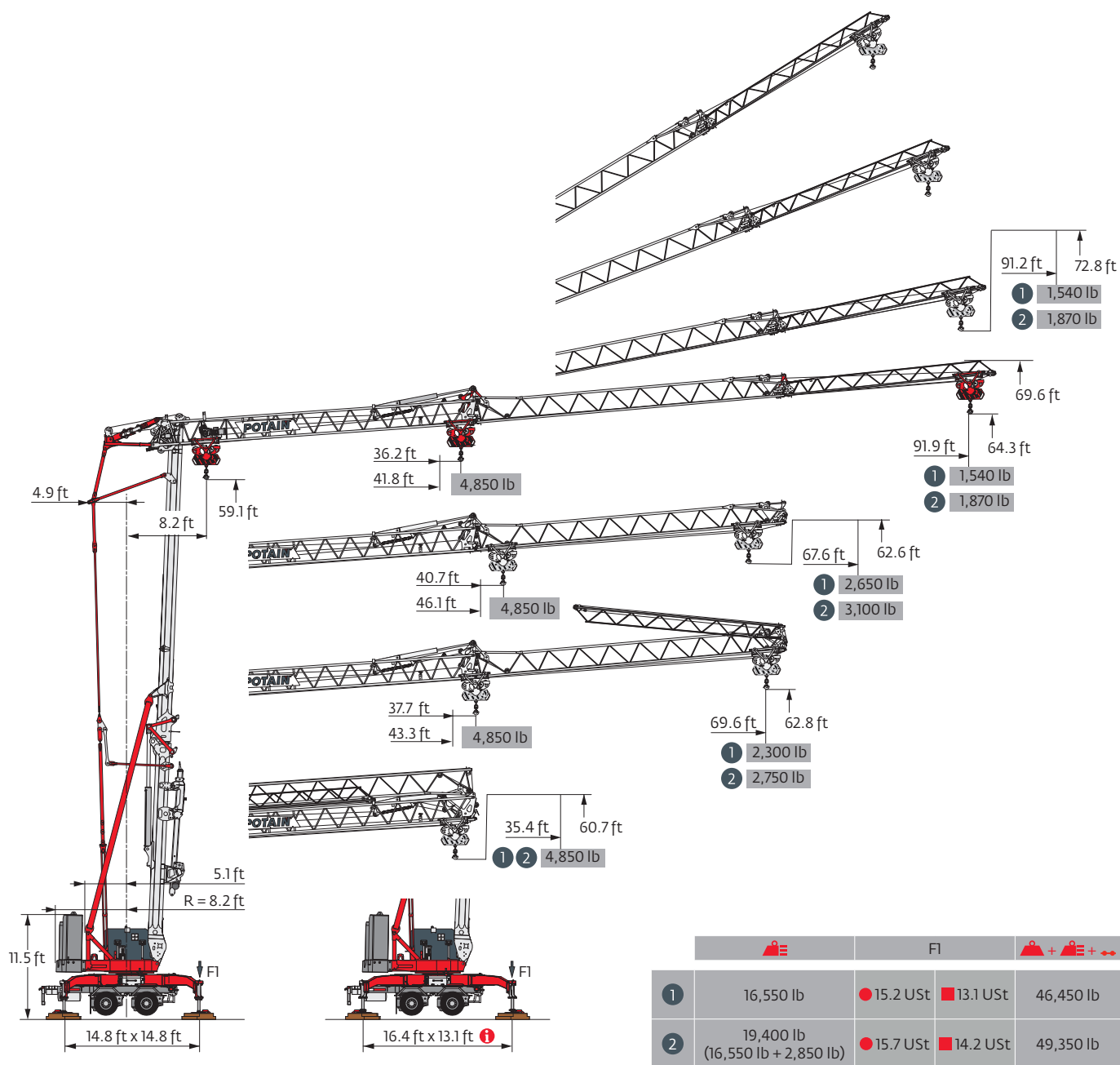
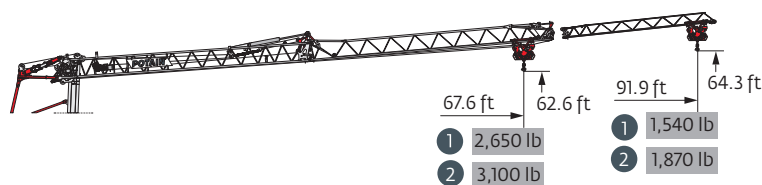


Hup M 28-22

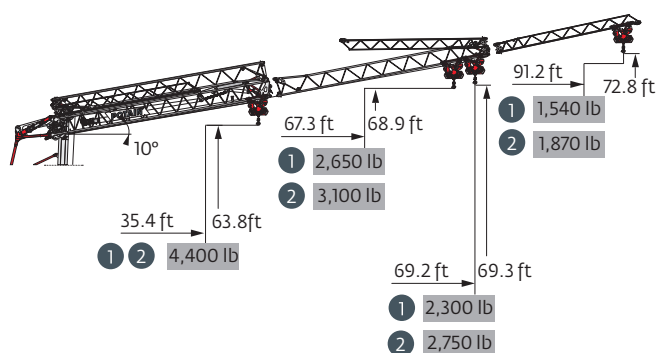




92 ft			8.2	▶	35.4	ft	8.2	▶	36.2	39.4	41.8	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6	72.2	78.7	85.3	91.9	ft
			4,850	lb	4,850	4,400	-	3,950	3,650	3,350	3,100	2,850	2,700	2,500	2,350	2,090	1,880	1,700	1,540	lb				
68 ft			8.2	▶	35.4	ft	8.2	▶	40.7	42.7	45.9	46.1	49.2	52.5	55.8	59.1	62.3	65.6	67.6	ft				
			4,850	lb	4,850	4,600	4,200	-	3,850	3,600	3,350	3,100	2,900	2,750	2,650	lb								
			4,850	lb					4,850	4,500	4,150	3,900	3,600	3,400	3,200	3,100	lb							



92 ft		8.2	37.7	39.4	42.7	43.3	45.9	52.5	59.1	65.6	69.6	ft
	1		4,850	4,600	4,200	-	3,850	3,250	2,850	2,500	2,300	lb
	2					4,850	4,500	3,850	3,350	2,950	2,750	lb



92 ft		8.2	38.9	42.7	44.9	49.2	55.8	59.1	68.9	82	91.2	ft
	①	4,400	3,950	-	3,300	2,850	2,650	2,200	1,770	1,540		lb
	②			4,400	3,950	3,400	3,200	2,650	2,140	1,870		lb

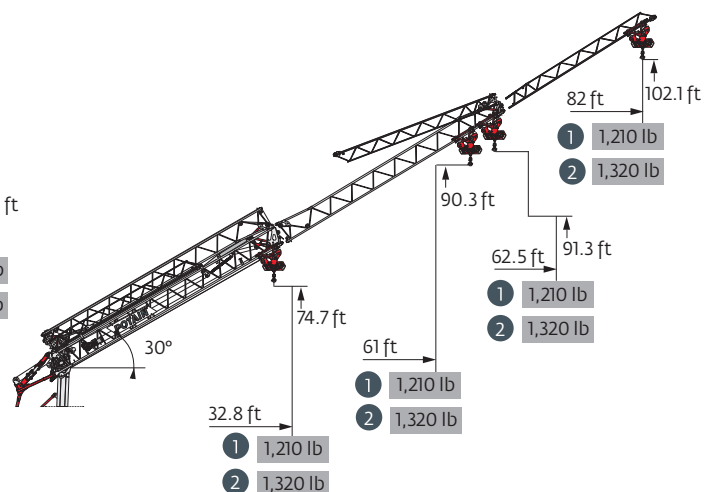
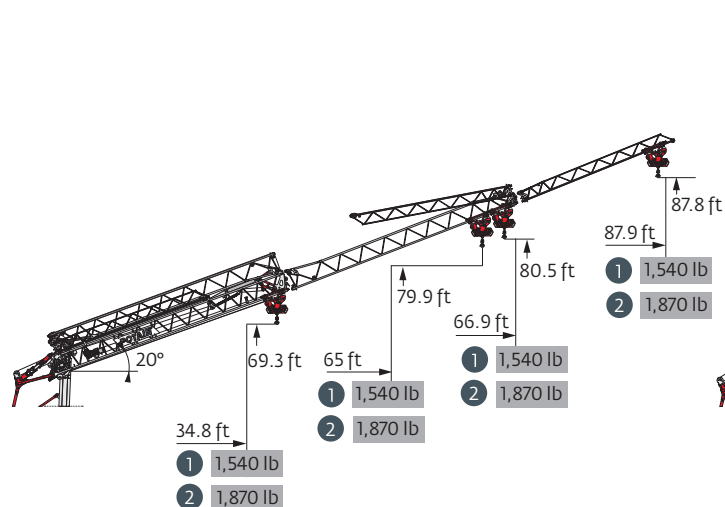
68 ft		8.2 ▶	43.9	49.2	49.8	52.5	59.1	67.3	ft
	①		4,400	3,850	-	3,550	3,100	2,650	lb
	②				4,400	4,150	3,600	3,100	lb

	8.2	40.6	45.9	46.7	49.2	52.5	59.1	69.2	ft
92 ft									
	1	4,400	3,800	-	3,500	3,250	2,800	2,300	lb
	2			4,400	4,150	3,850	3,350	2,750	lb

92-68 ft

1	8.2 ▶ 35.4 ft
2	4,400 lb

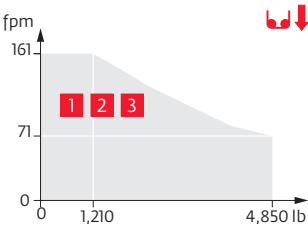
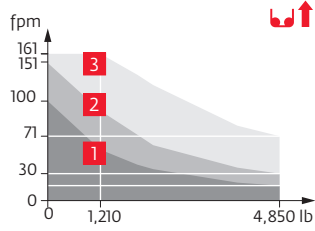


Mechanisms

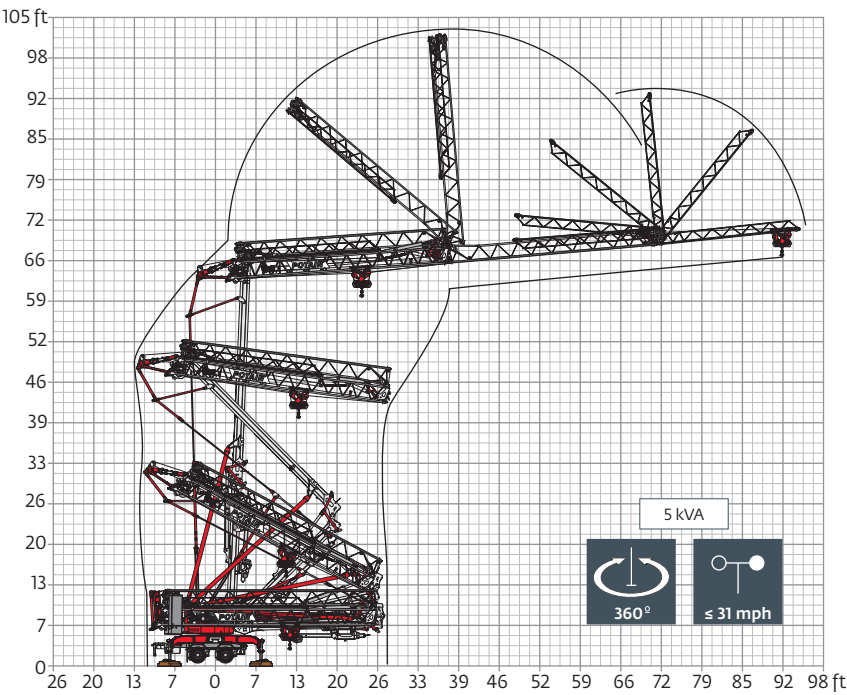
230 V - 60 Hz 480 V - 60 Hz									hp	kW
	10 LVF 11 Optima	230 V 	fpm	5	16	34	39	56	3.3	2.4
		20 A 	lb	4,850	4,850	2,200	1,870	1,210		
		230 V 	fpm	5	30	61	72	98	5.2	3.8
		32 A 	lb	4,850	4,850	2,200	1,870	1,210		
		480 V 	fpm	5	71	126	138	161	10	7.5
			lb	4,850	4,850	2,200	1,870	1,210		
	2 DVF 4 Optima		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	230 V 20A : 4.6 kVA
480 V (+6% -10%) 60Hz	230 V 32A : 7.4 kVA
	480 V : 13 → 9 kVA 

10 LVF 11 Optima

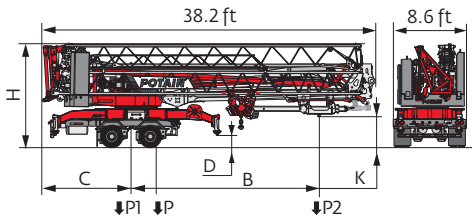


Erection



Transport

NORTH AMERICAN HIGHWAY AXLE



	mph		B (ft)	C (ft)	D (ft)	H (ft)	K (ft)	P (lb)	P1 (lb)	P2 (lb)
TS014/S2-054A	50	16,550 lb	21.6	10.1	1.3	11.9	3.8/4	46,450	43,250	3,200
	50	19,400 lb	21.6	10.1	1.3	11.9	3.8/4	49,350	42,670	6,680

- 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

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



© 2021 The Manitowoc Company, Inc.
www.manitowoc.com

Ref. 02D_ASME_HupM28-22_2020_07-2