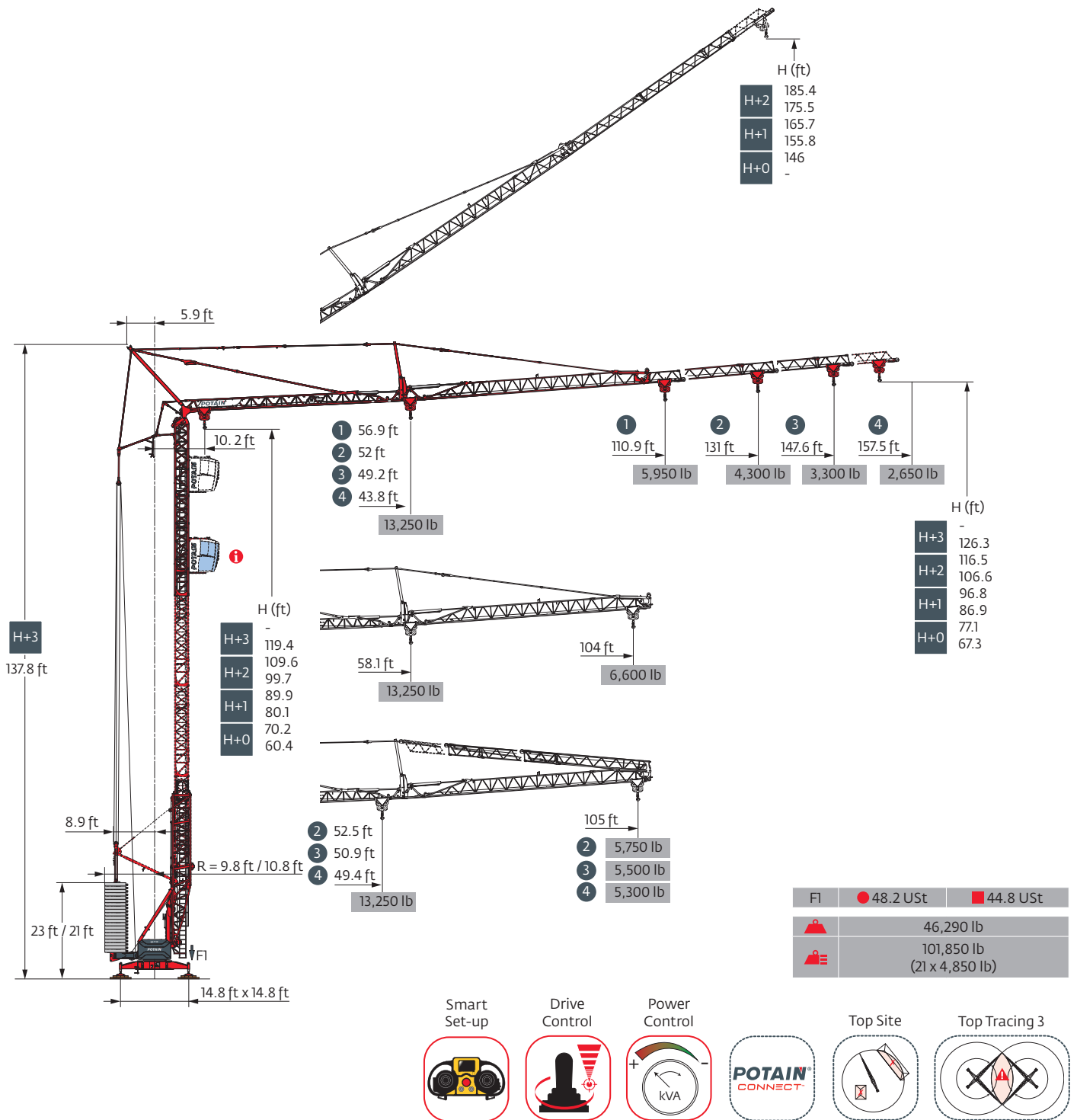
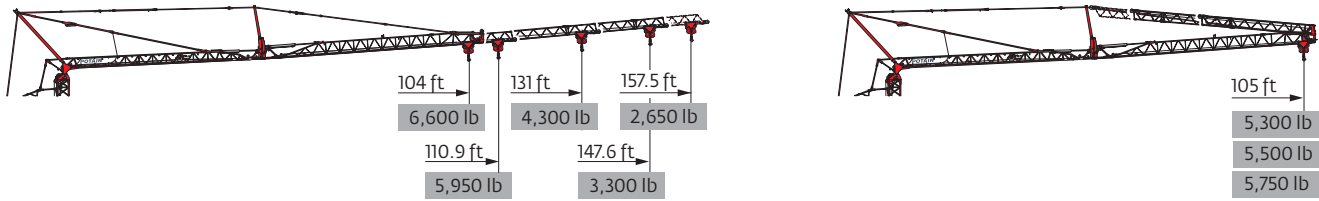


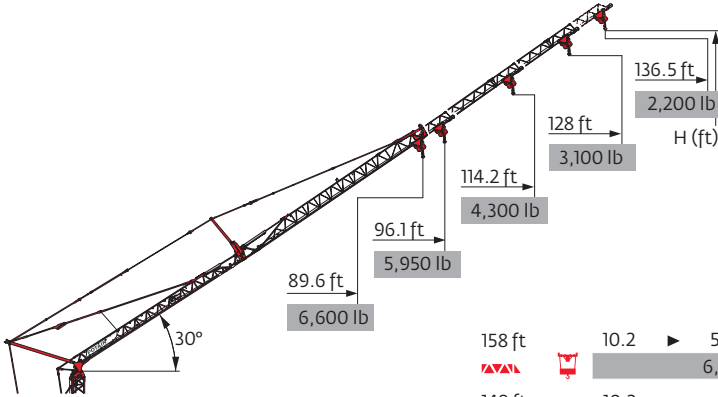
## Igo T 99



Load curves

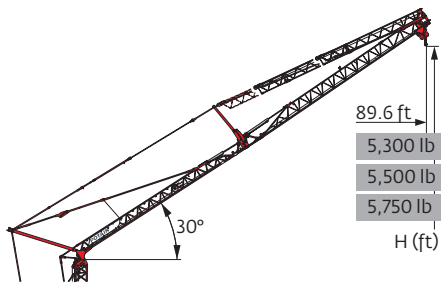


158 ft	10.2	▶	43.8	46	53	59	66	72	79	85	92	98	105	112	118	125	131	138	144	151	157.5	ft
▲▲▲	▲		13,250	12,450	10,550	9,150	8,050	7,150	6,400	5,800	5,300	4,850	4,500	4,150	3,850	3,600	3,400	3,150	3,000	2,800	2,650	lb
148 ft	10.2	▶	49.2	53	59	66	72	79	85	92	98	105	112	118	125	131	138	144	147.6		ft	
▲▲▲	▲		13,250	12,200	10,500	9,200	8,150	7,300	6,600	6,000	5,500	5,100	4,700	4,400	4,100	3,850	3,600	3,400	3,300		lb	
131 ft	10.2	▶	52	53	59	66	72	79	85	92	98	105	112	118	125	131					ft	
▲▲▲	▲		13,250	13,050	11,350	10,000	8,900	8,000	7,300	6,650	6,150	5,650	5,250	4,900	4,600	4,300					lb	
111 ft	10.2	▶	56.9	59	66	72	79	85	92	98	105	110.9									ft	
▲▲▲	▲		13,250	12,650	11,150	9,950	8,950	8,150	7,450	6,850	6,350	5,950										lb
104 ft	10.2	▶	58.1	59	66	72	79	85	92	98	104										ft	
▲▲▲	▲		13,250	13,000	11,450	10,200	9,200	8,400	7,650	7,050	6,600											lb
158 ft	10.2	▶	49.4	53	59	66	72	79	85	92	98	105									ft	
▲▲▲	▲		13,250	12,250	10,650	9,350	8,350	7,500	6,800	6,250	5,750	5,300										lb
148 ft	10.2	▶	50.9	53	59	66	72	79	85	92	98	105									ft	
▲▲▲	▲		13,250	12,750	11,050	9,750	8,700	7,800	7,100	6,500	5,950	5,500										lb
131 ft	10.2	▶	52.5	53	59	66	72	79	85	92	98	105									ft	
▲▲▲	▲		13,250	13,200	11,450	10,100	9,000	8,100	7,350	6,750	6,200	5,750										lb



▲▲▲	158 ft	148 ft	131 ft	111 ft	104 ft	
H (ft)	H+2	185.4	180.4	172.2	-	-
	H+1	165.7	160.8	152.6	142.4	138.5
	H+0	146	141.1	132.9	122.7	118.8
	-	-	-	-	-	





158 ft	10.2	▶	58.5	66	72	79	85	92	98	105	112	118	125	131	136.5	ft
▲▲▲	▲		6,600	5,700	5,100	4,550	4,100	3,750	3,400	3,150	2,900	2,700	2,500	2,350	2,200	lb
148 ft	10.2	▶	69.6	72	79	85	92	98	105	112	118	125	128		ft	
▲▲▲	▲		6,600	6,350	5,700	5,150	4,700	4,300	4,000	3,700	3,400	3,200	3,100		lb	
131 ft	10.2	▶	80.2	85	92	98	105	114.2							ft	
▲▲▲	▲		6,600	6,150	5,600	5,150	4,750	4,300							lb	
111 ft	10.2	▶	88.6	92	96.1										ft	
▲▲▲	▲		6,600	6,300	5,950										lb	
104 ft	10.2	▶	89.6												ft	
▲▲▲	▲		6,600												lb	









158 ft	10.2	▶	74.6	79	85	89.6	ft
▲▲▲	▲		6,600	6,200	5,600	5,300	lb
148 ft	10.2	▶	77.1	79	85	89.6	ft
▲▲▲	▲		6,600	6,450	5,850	5,500	lb
131 ft	10.2	▶	79.6	85	89.6	ft	
▲▲▲	▲		6,600	6,100	5,750	lb	

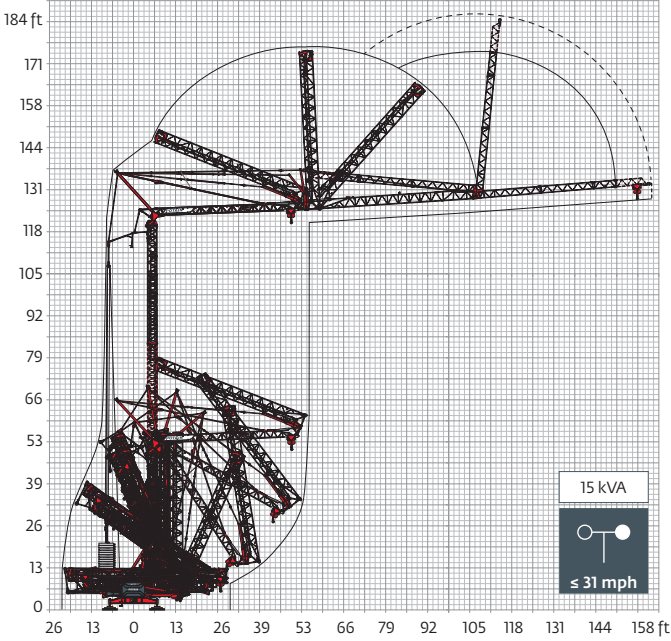
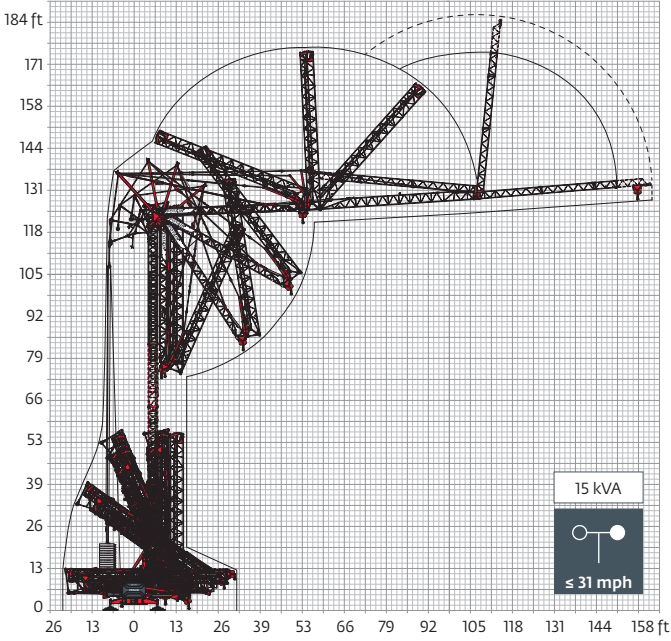
▲▲▲	158 ft	148 ft	131 ft
H (ft)	H+1	138.5	
	H+0	128.6	
		118.8	
	-		

Mechanisms

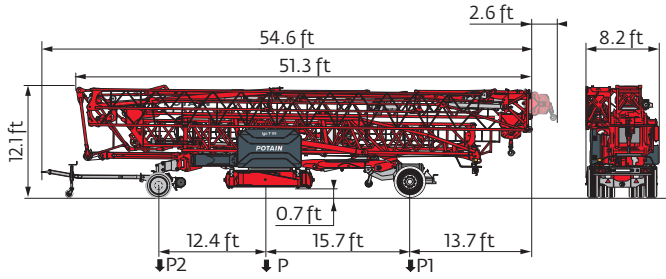
480 V - 60 Hz								hp	kW
	25 HPL™ 15	fpm	7	52	98	151	177	25	19
		lb	13,250	13,250	6,600	3,300	2,650		
	5 DVF 5 Optima	fpm	48	128	180	230		5.5	4
		lb	13,250	13,250	4,400	440			
	HPS 152	rpm	0 → 0.8					2 x 5.5	2 x 4

 IEC 60204-32	 kVA	
480 V (+6% -10%) 60 Hz	 29 → 21 kVA  34 → 24 kVA	

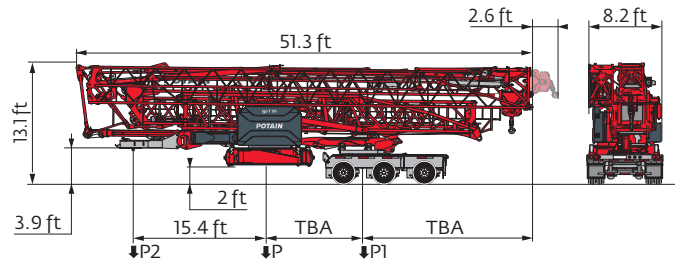
Erection



Transport



	mph	P (lb)	P1 (lb)	P2 (lb)
DJ126MA/S125A	15.5	50,670	26,450	24,220



	mph	P (lb)	P1 (lb)	P2 (lb)
North America Highway Axle	31	<b>i</b>	<b>i</b>	<b>i</b>

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
- i 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

