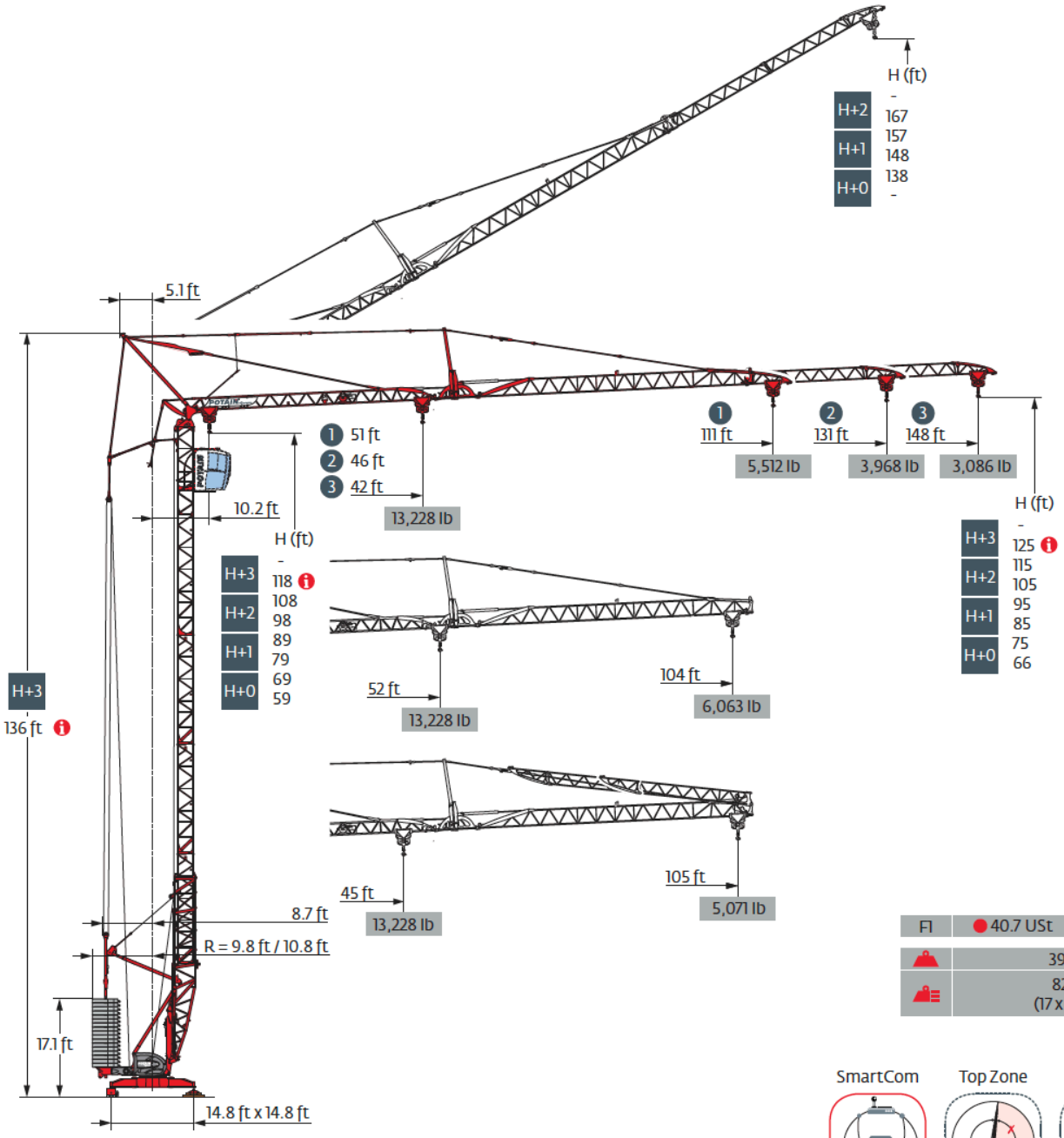
ONE McDONOUGH
Elevating Project Success Since 1976

POTAIN by Manitowoc

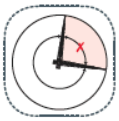
IGO T 85 A



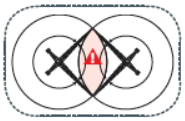
FI	40.7 USt	35.3 USt
	39,904 lb	
	82,453 lb (17 x 4,850 lb)	

SmartCom

Top Zone



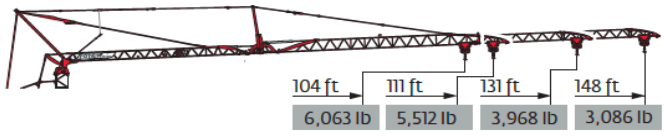
Anti-collision system

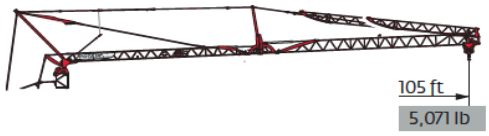


ONE McDONOUGH
Elevating Project Success Since 1976

POTAIN by Manitowoc
IGO T 85 A

Load Curves





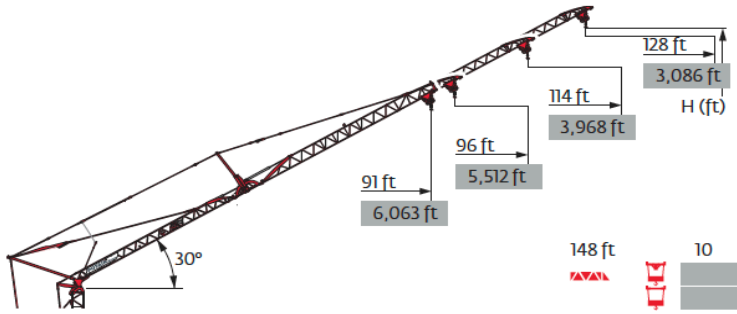
148 ft	10 ►	42	46	52	59	66	73	78	79	85	92	98	105	112	118	125	131	138	148	ft
		13,228	11,685	9,921	8,598	7,496	6,614	-	6,063	5,512	5,071	4,630	4,299	3,968	3,638	3,417	3,197	2,976	2,756	lb
							6,614	-	6,063	5,512	5,071	4,630	4,299	3,968	3,638	3,417	3,197	2,976	2,756	lb
								6,614	6,504	5,952	5,401	4,960	4,630	4,299	4,079	3,748	3,527	3,307	3,086	lb

131 ft	10 ►	46	52	59	66	72	81	85	85.3	92	98	105	112	118	125	131	ft
		13,228	11,023	9,700	8,378	7,496	6,614	-	6,173	5,622	5,181	4,850	4,409	4,189	3,858	3,638	lb
							6,614	-	6,173	5,622	5,181	4,850	4,409	4,189	3,858	3,638	lb
								6,614	6,614	6,063	5,622	5,181	4,850	4,519	4,189	3,968	lb

111 ft	10 ►	51	59	66	72	79	85	91	95	98	105	111	ft
		13,228	11,023	9,700	8,598	7,716	7,055	6,614	-	5,952	5,512	5,181	lb
								6,614	-	5,952	5,512	5,181	lb
									6,614	6,283	5,842	5,512	lb

104 ft	10 ►	52	59	66	72	79	85	92	96	98	104	ft
		13,228	11,244	9,921	8,818	7,937	7,275	6,614	-	6,173	5,732	lb
								6,614	-	6,173	5,732	lb
									6,614	6,504	6,063	lb

148 ft 131 ft	10 ►	45	52	59	66	72	79	84	92	98	105	ft
		13,228	11,023	9,480	8,378	7,496	6,614	-	5,622	5,181	4,740	lb
							6,614	-	5,622	5,181	4,740	lb
								6,614	5,952	5,512	5,071	lb



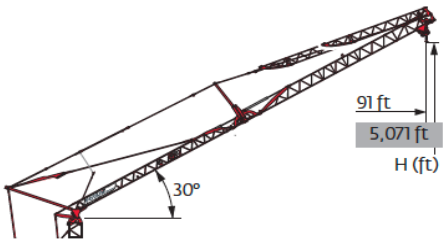
	148 ft	131 ft	111 ft	104 ft
H+2	167	159	-	-
H+1	157	149	-	-
	148	139	129	126
H+0	138	130	119	116

148 ft	10 ►	64	68	72	79	85	92	98	105	112	118	125	128	ft
		6,614	-	5,732	5,181	4,630	4,189	3,858	3,527	3,307	3,086	2,866	2,756	lb
			6,614	6,173	5,512	5,071	4,630	4,189	3,968	3,638	3,417	3,197	3,086	lb

131 ft	10 ►	70	74	79	85	92	98	105	114	ft
		6,614	-	5,732	5,181	4,740	4,409	4,079	3,638	lb
			6,614	6,173	5,622	5,071	4,740	4,409	3,968	lb

111 ft	10 ►	79	82	85	92	96	ft
		6,614	-	5,952	5,512	5,181	lb
			6,614	6,393	5,842	5,512	lb

104 ft	10 ►	80	84	85	91	ft
		6,614	-	6,173	5,732	lb
			6,614	6,504	6,063	lb



10 ►	70	73	79	85	91	ft
	6,614	-	5,732	5,181	4,740	lb
		6,614	6,063	5,512	5,071	lb

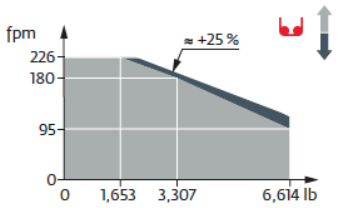
	148 ft 131 ft
H+1	-
	126
H+0	116

Mechanisms

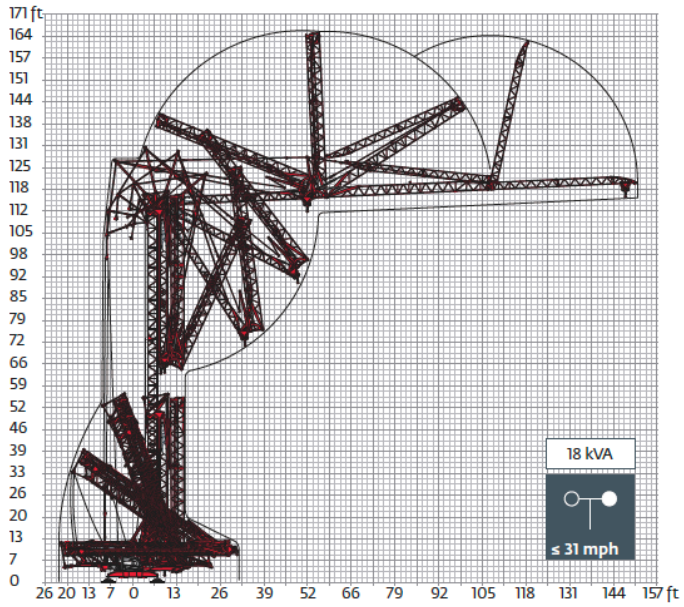
480 V - 60 Hz												hp	kW
	20 LVF 15 Optima	fpm	11	56	95	180	226	5	28	48	90	113	20	15
		lb	6,614	6,614	6,614	3,307	1,653	13,228	13,228	13,228	6,614	3,307		
	5 DVF 5	fpm	49 - 98 - 131 (4,409 → 13,228 lb) 49 - 98 - 180 (0 → 4,409 lb)										5.5	4
	RVF 151 Optima+	rpm	0 → 0.8										5.5	4
	TVF 324	fpm	82										2 x 4	2 x 3

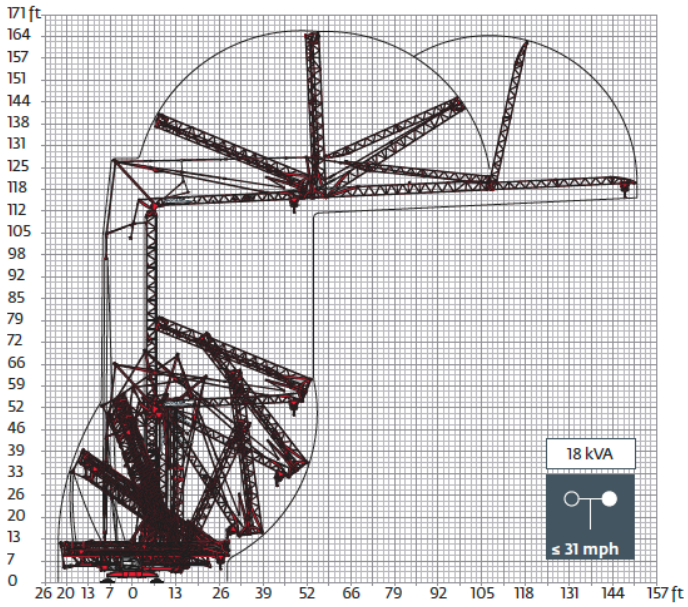
IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	22 kVA 25 kVA

20 LVF 15 Optima

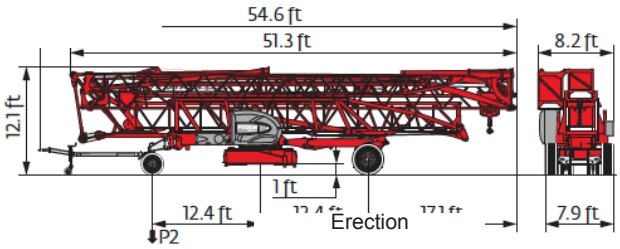


Erection

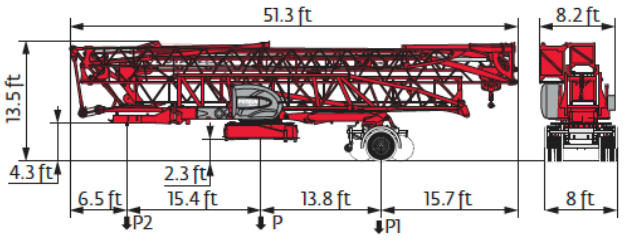




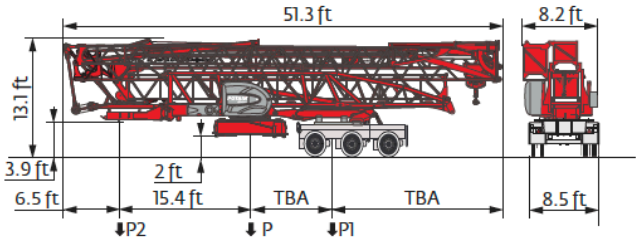
Transport



	mph	P (lb)	P1 (lb)	P2 (lb)
DJ100/S120	6	42,682	25,333	17,348
DJ105/S125	15.5	43,321	25,796	17,524
..... /.....				



	mph	P (lb)	P1 (lb)	P2 (lb)
SL121/J135	15.5	44,533	28,219	16,314



	P (lb)	P1 (lb)	P2 (lb)
North America Highway Axle			

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
kVA Required power
Consult us

Hoisting
Trolleying
Slewing
Travelling

This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.