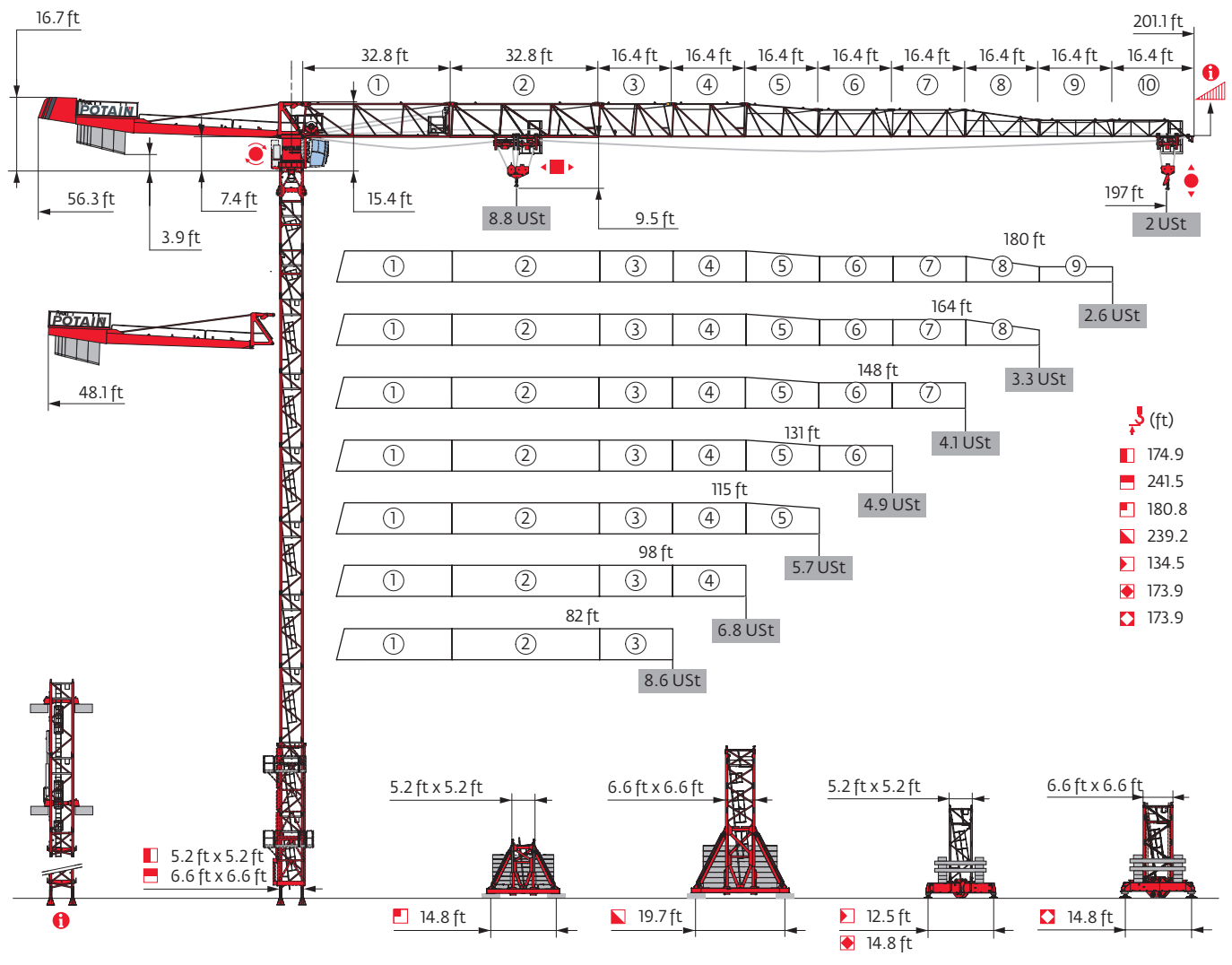




MDT 189



Potain Plus Power Control CraneSTAR Top Site Top Tracing 3

Mast - Reactions

5.2 ft City - P 41A

MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	174.9	174.9	174.9	169.3	169.3	163.7	158.5	158.5
⚡/P+ (ft)	174.9	174.9	174.9	169.3	169.3	163.7	158.5	158.5
⚡	10.9 ft	1	1	1	2	2	0	1
	16.4 ft	10	10	10	9	9	10	9
F2 (USt)	●	136	135	135	134	136	135	129
	■	170	174	175	166	168	159	149
F3 (USt)	●	104	103	102	100	101	102	95
	■	143	147	146	137	138	130	127

5.2 ft City - ZC 4230 - ZD 4230

MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	134.5	134.5	134.5	134.5	134.5	129.3	129.3	129.3
⚡/P+ (ft)	123.7	129.3	129.3	123.7	123.7	123.7	129.3	123.7
⚡	10.9 ft	0	0	0	0	0	1	1
	16.4 ft	8	8	8	8	8	7	7
F1 (USt)	●	77	75	75	76	78	78	79
	■	67	67	68	68	70	70	73

5.2 ft City - ZD 4230

MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	150.9	156.5	156.5	156.5	150.9	145.7	145.7	145.7
⚡/P+ (ft)	150.9	156.5	156.5	156.5	150.9	145.7	145.7	145.7
⚡	10.9 ft	0	2	2	2	0	1	1
	16.4 ft	9	8	8	8	9	8	8
F1 (USt)	●	74	75	75	76	75	74	75
	■	68	76	76	76	71	71	73

5.2 ft - P 41A

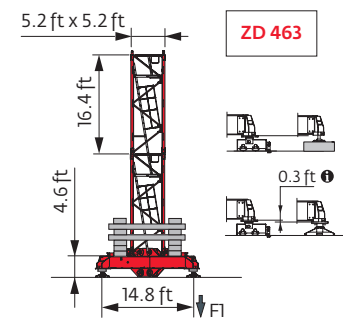
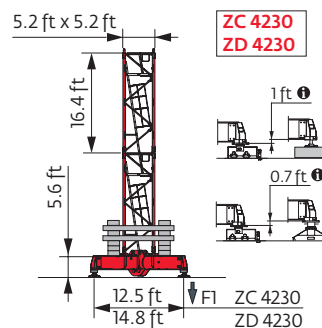
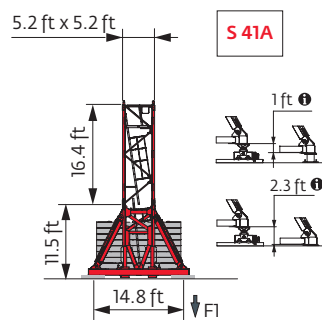
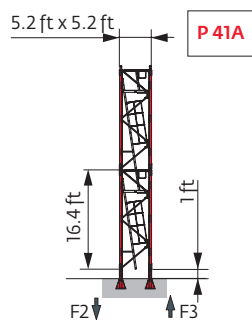
MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	170.3	170.3	170.3	170.3	165	159.4	153.9	153.9
⚡/P+ (ft)	170.3	170.3	170.3	170.3	165	159.4	153.9	153.9
⚡	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	0	0	0	0	1	2	0
	16.4 ft	10	10	10	10	9	8	9
F2 (USt)	●	135	135	135	136	135	135	128
	■	172	176	177	177	169	166	151
F3 (USt)	●	104	103	102	103	101	102	95
	■	145	149	148	148	140	137	122

5.2 ft - S 41A

MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	180.8	180.8	180.8	175.5	170	164.4	164.4	164.4
⚡/P+ (ft)	180.8	180.8	180.8	175.5	170	164.4	164.4	164.4
⚡	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	0	0	0	1	2	0	0
	16.4 ft	10	10	10	9	8	9	9
F1 (USt)	●	90	90	90	88	86	85	86
	■	109	112	112	106	101	96	95

5.2 ft - ZD 463

MAJAL (ft)	82	98	115	131	148	164	180	197
⚡ (ft)	173.9	173.9	173.9	168.6	168.6	157.5	157.5	157.5
⚡/P+ (ft)	173.9	173.9	173.9	168.6	168.6	157.5	157.5	157.5
⚡	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	0	0	0	1	1	0	0
	16.4 ft	10	10	10	9	9	9	9
F1 (USt)	●	85	85	85	84	86	83	82
	■	101	104	104	98	99	89	88

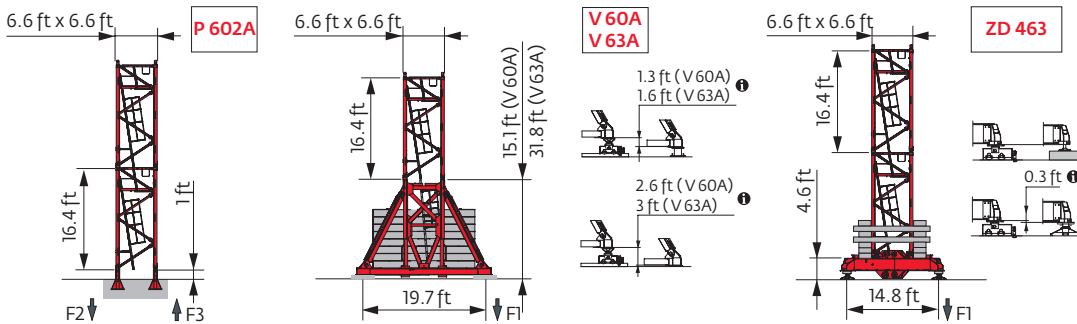


6.6 ft - P 602A								
AVAIL (ft)	82	98	115	131	148	164	180	197
⌄ (ft)	241.5	235.9	235.9	235.9	235.9	235.9	235.9	230.6
⌄/P+ (ft)	241.5	235.9	235.9	235.9	235.9	235.9	235.9	230.6
	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	2	0	0	0	0	0	1
	16.4 ft	13	14	14	14	14	14	13
F2 (Ust)	●	168	163	162	164	167	172	169
	■	338	325	325	326	327	333	324
F3 (Ust)	●	126	121	120	121	122	126	124
	■	300	287	287	287	287	292	284

6.6 ft - V 60A -								
AVAIL (ft)	82	98	115	131	148	164	180	197
⌄ (ft)	211.9	211.9	211.9	211.9	211.9	211.9	211.9	211.9
⌄/P+ (ft)	211.9	211.9	211.9	211.9	211.9	211.9	211.9	211.9
	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	1	1	1	1	1	1	1
	16.4 ft	11	11	11	11	11	11	11
F1 (Ust)	●	97	97	97	98	99	101	101
	■	138	140	140	140	141	144	147

6.6 ft - V 63A -								
AVAIL (ft)	82	98	115	131	148	164	180	197
⌄ (ft)	239.2	233.9	233.9	239.2	239.2	233.9	233.9	233.9
⌄/P+ (ft)	239.2	233.9	233.9	239.2	239.2	233.9	233.9	233.9
	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	2	0	0	2	2	0	0
	16.4 ft	11	12	12	11	11	12	12
F1 (Ust)	●	119	117	117	120	121	121	121
	■	181	174	174	183	184	178	180

6.6 ft - ZD 463 -								
AVAIL (ft)	82	98	115	131	148	164	180	197
⌄ (ft)	173.9	173.9	173.9	173.9	173.9	173.9	173.9	173.9
⌄/P+ (ft)	173.9	173.9	173.9	173.9	173.9	173.9	173.9	173.9
	6.6 ft	1	1	1	1	1	1	1
	10.9 ft	0	0	0	0	0	0	0
	16.4 ft	10	10	10	10	10	10	10
F1 (Ust)	●	95	97	97	96	97	100	101
	■	124	127	127	127	127	132	136



Note: When "ASCE" is noted in this data sheet it is referring to 115 mph Wind Zone, Exposure B, Design Wind Speed = 98 mph. See back cover for design wind speed calculations.

Anchorage





Base ballast

🏗️ (Ust) / 📏 5.2 ft City - ZC 4230 - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
134.5	99.2	93.7	93.7	93.7	99.2			
129.3	93.7	99.2	99.2	88.2	93.7	99.2	99.2	99.2
112.9	93.7	93.7	88.2	88.2	88.2	88.2	82.7	77.2
96.5	93.7	93.7	88.2	88.2	82.7	77.2	77.2	77.2
80.1	93.7	93.7	88.2	88.2	82.7	77.2	77.2	77.2
64	93.7	93.7	88.2	88.2	82.7	77.2	77.2	77.2

🏗️ (Ust) / 📏 5.2 ft - S 41A - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
180.8	119.1	119.1	119.1					
175.5	112.4	112.4	112.4	112.4				
170	105.8	105.8	105.8	105.8	105.8			
164.4	99.2	99.2	99.2	99.2	99.2	105.8	112.4	112.4
148	86	86	86	86	86	92.6	92.6	92.6
131.6	79.4	79.4	72.8	72.8	72.8	79.4	79.4	79.4
115.2	72.8	72.8	66.1	66.1	66.1	59.5	66.1	59.5
98.8	66.1	66.1	66.1	66.1	59.5	52.9	46.3	46.3
82.4	66.1	66.1	66.1	66.1	59.5	52.9	46.3	46.3
66	66.1	66.1	66.1	66.1	59.5	52.9	46.3	46.3

🏗️ (Ust) / 📏 6.6 ft - V 60A - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
211.9	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5
195.5	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
179.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
162.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
146.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
129.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
113.5	39.7	39.7	39.7	26.5	26.5	26.5	26.5	26.5
97.1	39.7	39.7	39.7	26.5	26.5	26.5	26.5	26.5
80.7	39.7	39.7	39.7	26.5	26.5	26.5	26.5	26.5
64.3	39.7	39.7	39.7	26.5	26.5	26.5	26.5	26.5

🏗️ (Ust) / 📏 6.6 ft - ZD 463 - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
173.9	126.8	132.3	132.3	126.8	126.8	132.3	132.3	137.8
157.5	93.7	93.7	93.7	93.7	93.7	99.2	99.2	99.2
141.1	77.2	77.2	71.7	77.2	77.2	82.7	82.7	82.7
124.7	66.1	60.6	60.6	60.6	60.6	66.1	66.1	66.1
108.3	60.6	60.6	60.6	60.6	55.1	49.6	49.6	49.6
91.9	60.6	60.6	60.6	60.6	55.1	49.6	38.6	38.6
75.5	60.6	60.6	60.6	60.6	55.1	49.6	38.6	38.6
59.1	60.6	60.6	60.6	60.6	55.1	49.6	38.6	38.6

🏗️ (Ust) / 📏 5.2 ft City - ZD 4230 - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
156.5	88.2	88.2	88.2					
150.9	88.2	82.7	82.7	82.7	88.2			
145.7	88.2	82.7	82.7	82.7	82.7	88.2	88.2	88.2
129.3	77.2	77.2	71.7	71.7	71.7	71.7	71.7	71.7
112.9	71.7	71.7	71.7	71.7	66.1	60.6	60.6	55.1
96.5	71.7	71.7	71.7	71.7	66.1	60.6	49.6	49.6
80.1	71.7	71.7	71.7	71.7	66.1	60.6	49.6	49.6
63.7	71.7	71.7	71.7	71.7	66.1	60.6	49.6	49.6

🏗️ (Ust) / 📏 5.2 ft - ZD 463 - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
173.9	104.7	104.7	104.7					
168.6	99.2	99.2	99.2	99.2	104.7			
157.5	93.7	88.2	88.2	88.2	93.7	99.2	99.2	99.2
141.1	77.2	77.2	77.2	77.2	77.2	82.7	82.7	82.7
124.7	71.7	71.7	66.1	66.1	66.1	66.1	66.1	66.1
108.3	66.1	66.1	60.6	60.6	60.6	55.1	55.1	49.6
91.9	66.1	66.1	60.6	60.6	55.1	49.6	38.6	38.6
75.5	66.1	66.1	60.6	60.6	55.1	49.6	38.6	38.6
59.1	66.1	66.1	60.6	60.6	55.1	49.6	38.6	38.6

🏗️ (Ust) / 📏 6.6 ft - V 63A - 🏗️								
AVAIL (ft)	82	98	115	131	148	164	180	197
239.2	198.4		198.4	198.4				
233.9	198.4	198.4	198.4	198.4	185.2	198.4	198.4	198.4
217.5	158.7	158.7	158.7	158.7	158.7	158.7	158.7	158.7
201.1	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3
184.7	105.8	105.8	105.8	105.8	92.6	105.8	105.8	105.8
168.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
151.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
135.5	39.7	39.7	39.7	39.7	39.7	39.7	52.9	39.7
119.1	39.7	39.7	26.5	26.5	26.5	39.7	39.7	39.7
102.7	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
86.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
69.9	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5



Load curves



▲▲▲▲▲ (ft)			56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	ft		
▲▲▲▲	8.8 USt	4.4 USt																					
197	9 → 63	106 - 113	8.8	8.4	7.5	6.4	5.7	4.9	4.5	4.3	4	3.6	3.4	3.1	2.85	2.6	2.4	2.2	2.05	1.9	USt		
	9 → 65	106 - 115	8.8	8.6	7.7	6.4	5.7	4.9	4.5	4.4	4.1	3.7	3.5	3.2	3	2.75	2.55	2.35	2.15	2	USt P+		
180	9 → 68	113 - 121	8.8	8.8	8.2	7	6.2	5.4	4.9	4.4	4.4	4	3.7	3.4	3.2	2.85	2.7	2.45	USt				
	9 → 68	113 - 122	8.8	8.8	8.2	7	6.2	5.4	4.9	4.4	4.4	4	3.8	3.5	3.3	3	2.8	2.6	USt P+				
164	9 → 66	120 - 129	8.8	8.8	8	7	6.4	5.6	5.2	4.7	4.4	4.3	4	3.7	3.5	3.2	USt						
	9 → 72	120 - 131	8.8	8.8	8.6	7.5	6.8	5.9	5.3	4.7	4.4	4.4	4.1	3.8	3.6	3.3	USt P+						
148	9 → 71	128 - 138	8.8	8.8	8.6	7.4	6.8	6	5.6	5	4.7	4.4	4.4	4	USt								
	9 → 77	129 - 139	8.8	8.8	8.8	8.1	7.4	6.4	5.8	5.2	4.8	4.4	4.4	4.1	USt P+								
131	9 → 71	129 - 131	8.8	8.8	8.6	7.5	6.9	6.1	5.6	5.1	4.7	4.4	USt										
	9 → 77		8.8	8.8	8.8	8.2	7.5	6.6	6.2	5.6	5.2	4.8	USt P+										
115	9 → 71		8.8	8.8	8.6	7.5	6.9	6.1	5.6	5.1	USt												
	9 → 76		8.8	8.8	8.8	8.1	7.5	6.6	6.1	5.5	USt P+												
98	9 → 71		8.8	8.8	8.6	7.5	6.9	6.1	USt	▲▲▲▲ = ▲▲▲ - 0.54 USt max.													
	9 → 76		8.8	8.8	8.8	8.1	7.5	6.6	USt P+														
82	9 → 75		8.8	8.8	8.8	8	USt																
	9 → 79		8.8	8.8	8.8	8.5	USt P+																

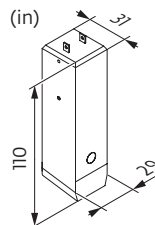


▲▲▲▲▲ (ft)			56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	ft		
▲▲▲▲	8.8 USt	4.4 USt																					
197	7 → 64	109 - 109	8.8	8.6	7.7	6.6	5.9	5.1	4.6	4.1	3.9	3.5	3.2	2.9	2.7	2.45	2.25	2.05	1.9	1.7	USt		
	7 → 66	110 - 110	8.8	8.8	7.8	6.6	5.9	5.1	4.7	4.2	3.9	3.6	3.3	3	2.85	2.55	2.4	2.15	2	1.85	USt P+		
180	7 → 69	116 - 116	8.8	8.8	8.3	7.1	6.4	5.6	5.1	4.5	4.2	3.8	3.5	3.2	3	2.7	2.5	2.3	USt				
	7 → 70	117 - 118	8.8	8.8	8.4	7.1	6.4	5.6	5.1	4.5	4.3	3.9	3.6	3.3	3.1	2.85	2.65	2.4	USt P+				
164	7 → 68	123 - 125	8.8	8.8	8.2	7.1	6.6	5.8	5.4	4.9	4.5	4.1	3.9	3.5	3.3	3	USt						
	7 → 73	124 - 126	8.8	8.8	8.8	7.7	7	6.1	5.5	4.9	4.5	4.2	3.9	3.6	3.4	3.2	USt P+						
148	7 → 72	132 - 135	8.8	8.8	8.8	7.6	7	6.2	5.8	5.2	4.9	4.4	4.2	3.9	USt								
	7 → 78	133 - 135	8.8	8.8	8.8	8.3	7.6	6.6	6	5.3	5	4.5	4.3	4	USt P+								
131	7 → 72		8.8	8.8	8.8	7.7	7	6.3	5.8	5.3	4.9	4.5	USt										
	7 → 78		8.8	8.8	8.8	8.3	7.7	6.8	6.3	5.7	5.4	4.9	USt P+										
115	7 → 72		8.8	8.8	8.8	7.7	7	6.3	5.8	5.3	USt												
	7 → 78		8.8	8.8	8.8	8.3	7.6	6.8	6.3	5.7	USt P+												
98	7 → 73		8.8	8.8	8.8	7.7	7.1	6.3	USt	▲▲▲▲ = ▲▲▲ - 0.2 USt max.													
	7 → 78		8.8	8.8	8.8	8.3	7.6	6.8	USt P+														
82	7 → 76		8.8	8.8	8.8	8.1	USt																
	7 → 81		8.8	8.8	8.8	8.6	USt P+																

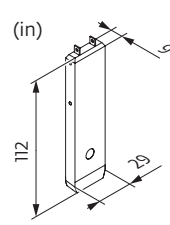
Jib weight & counter-jib ballast

▲▲▲▲	▲▲▲▲▲ (lb) - 33 LVF (+/- 5%)			▲▲▲		▲▲▲ (lb)
	▲▲▲▲	▲▲▲	▲▲▲▲	7,937 lb	2,425 lb	
197 ft	19,687	19,290	20,040	3	4	33,510
180 ft	19,257	18,861	19,610	3	4	33,510
164 ft	18,750	18,354	19,103	3	3	31,085
148 ft	18,100	17,703	18,453	3	3	31,085
131 ft	17,350	16,954	17,703	3	2	28,660
115 ft	16,535	16,138	16,887	3	1	26,235
98 ft	15,734	15,338	16,087	3	0	23,810
82 ft	14,912	14,515	15,265	2	3	23,149

CAU - 7,937 lb



CAV - 2,425 lb

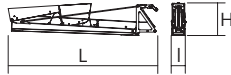
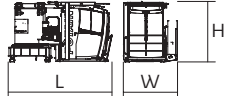

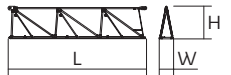
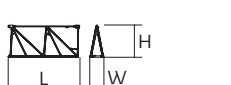
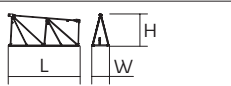

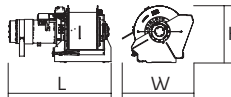
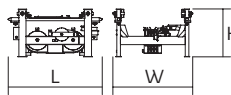
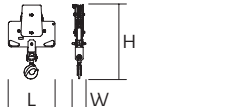
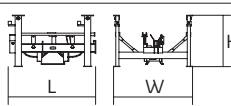
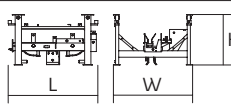
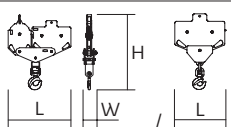




Dimensions and weight

Slewing crane part:  197 ft -  33 LVF



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		38.9	3.9	9.1	11,023
Towerhead + cab	 Ultra View	14.2	7.4	8.1	12,315
Jib section	 ① 33 LVF 6 DVF	36	9.6	8.6	8,400
Jib section	 ②	33.6	3.4	7.8	3,217
Jib section	 ③ ④ ⑥ ⑦ ⑨	17.1 17 17 17 16.9	3.4 3.4 3.4 3.4 3.4	7.7 7.6 6.3 6.2 3.9	1,336 1,283 886 756 503
Jib section	 ⑤ ⑧	17 16.9	3.4 3.4	7.6 6.2	990 646
Jib section	 ⑩	16.7	3.4	3.8	417
Hoisting winch (+ rope)	 33 LVF 50 LVF 50 LVF GH	4.5 5 5.3	2.7 3.1 4.4	2.5 3 4.1	2,006 2,646 4,288
Trolley	 8.8 USt	5.2	4.4	2.9	617
Pulley block	 8.8 USt	3	0.8	4.6	617
Trolley	 8.8 USt	4.6	4.1	3.1	617
Trolley	 8.8 USt 4.4 USt	4.7 5	4.1 4.3	3.1 3.1	617 518
Pulley block	 8.8 USt 4.4 USt	4.1 2.6	0.9 0.6	5 4.5	551 287



Crane tower			L (ft)	W (ft)	H (ft)	lb (+/- 5%)	
Telescopic cage		 	5.2 ft 6.6 ft	36.8 36.7	13.1 14.4	11.7 13.6	14,220 18,188
K40/K40 K60/K40			5.2 ft 6.6/5.2 ft	7.3 7.3	6.9 8.2	6.8 8.1	3,208 5,754
K 437B K 437E KM 437E KM 439E K 639B KM 639E			5.2 ft 5.2 ft 5.2 ft 5.2 ft 6.6 ft 6.6 ft	33.5 33.5 33.5 33.5 33.6 33.8	5.5 5.3 5.3 5.3 6.8 6.7	5.3 5.3 5.3 5.3 6.7 6.7	7,606 7,474 7,088 8,448 11,663 10,692
K 437A KMT 437A K 439A KMT 439A KR 649A KRMT 649A K 639A KMT 639A			5.2 ft 5.2 ft 5.2 ft 5.2 ft 6.6 ft 6.6 ft 6.6 ft 6.6 ft	17.1 17.1 17.1 17.1 17.2 17.2 17.2 17.2	5.5 5.5 5.3 5.5 6.9 6.9 6.8 6.8	5.3 5.3 5.3 5.3 6.8 6.8 6.7 6.7	4,079 3,847 4,916 4,696 7,165 6,724 6,184 5,666
K 437C K 639C KRMT 649C			5.2 ft 6.6 ft 6.6 ft	11.3 11.7 11.7	5.5 6.8 6.9	5.3 6.7 6.8	2,998 4,376 5,401
Fixing angles			P 41A P 602A	1.2 2.1	1.2 2.1	3.7 4.2	293 650
Basic mast unit			S 41A V 60A V 63A	11.9 16.4 32.9	6.4 7.9 7.9	6.8 7.9 7.9	6,537 9,674 16,502
Struts			S 41A V 60A V 63A	10.4 14.8 14.8	0.9 1 1.1	0.8 1 1.1	489 919 1,135
Half-bearer			S 41A V 60A V 63A	16.7 22 22	2 2.3 2.3	5.8 7.6 7.6	2,524 3,519 4,079
Cross girder			ZC 4230 ZD 4230	18.5 21.8	2.7 2.7	3.4 3.4	3,505 4,035
Cross girder			ZC 4230 ZD 4230	18.5 21.8	1.5 1.5	4.4 4.4	4,178 4,707
Cross girder			ZD 463	25.1	3.8	4.5	7,904
1/2 Cross girder			ZD 463	11.2	2.3	4.4	3,649

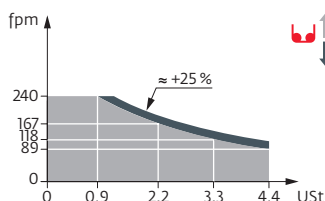


Mechanisms

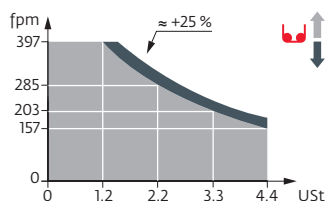
480 V - 60 Hz											hp	kW		
	33 LVF 20 Optima	fpm	89	118	167	240	46	59	89	121	33	22	951 ft	
		USt	4.4	3.3	2.2	0.9	8.8	6.6	4.4	2				
	50 LVF 20 Optima	fpm	157	203	285	397	82	108	151	200	50	37		1,191 ft
		USt	4.4	3.3	2.2	1.2	8.8	6.6	4.4	2.8				
50 LVF 20 GH Optima	fpm	161	210	289	371	82	105	151	187	50	37	2,080 ft		
	USt	4.4	3.3	2.2	1.2	8.8	6.6	4.4	2.9					
	6 DVF 4 Optima	fpm	0 → 262 (8.8 USt) 0 → 328 (2.2 USt)								5.5		4	
	RVF 152 Optima+	rpm	0 → 0.8								2 x 5.5		2 x 4	

480 V (+6% -10%) 60 Hz	33 LVF: 41 → 28 kVA 50 LVF / 50 LVF GH: 54 → 34 kVA	

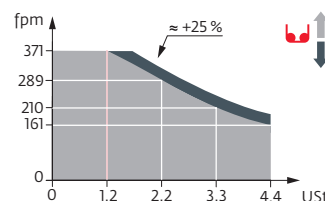
33 LVF 20 Optima



50 LVF 20 Optima



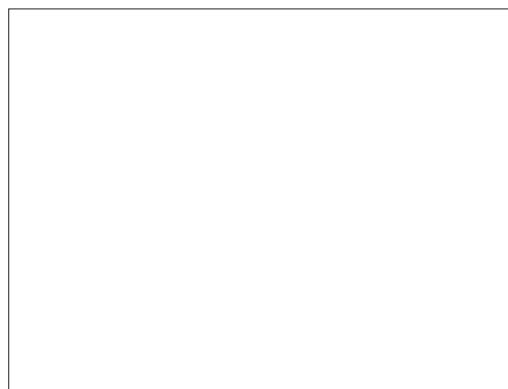
50 LVF 20 GH Optima



These mast combinations meet the EN 14439 and ASME B30.3-2012 specifications for "out of service" wind conditions, provided the illustrated wind speed matches required design wind 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-A. 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 50-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.

- Jib elevation
- Standard equipment
- Options
- Potain Plus function: Plus load curves
- Hook heights with Plus load curves
- Reactions in service
- Reactions out of service
- Total ballast weight
- Jib weight
- Lorry 44 ft
- Container High Cube 40 ft, and/or Flat Rack 20 ft
- Hoisting
- Trolleying
- Slewing
- Travelling
- Required power
- Power Control Function: winch speeds adapted to the available power
- Consult us

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