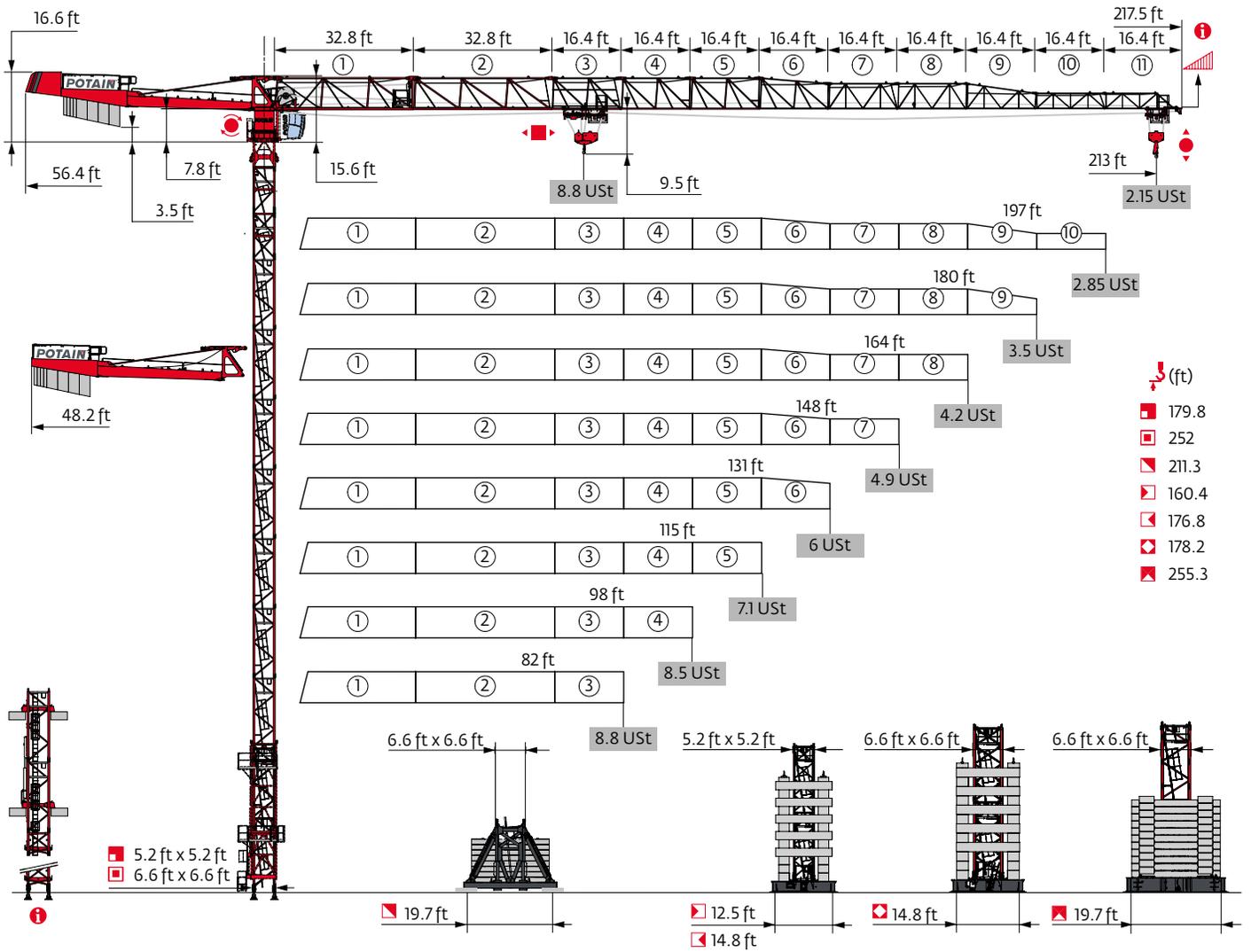


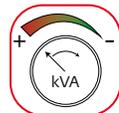
MDT 219 J8



Potain Plus



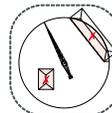
Power Control



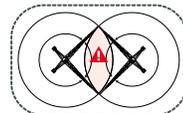
POTAIN CONNECT



Top Site



Anti-collision systems



Automatic Rotation Control



Mast - Reactions

5.2 ft City - P 42A

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	179.8	179.8	179.8	179.8	174.2	174.2	169	169	169
Height/P ₊ (ft)	179.8	147	147	147	157.8	174.2	169	163.4	163.4
10.9 ft	0	0	0	0	1	1	2	2	2
16.4 ft	9	9	9	9	8	8	7	7	7
32.8 ft	1	1	1	1	1	1	1	1	1
F2 (Ust)	● 139 ■ 195	144 195	145 198	146 201	144 193	148 196	150 193	147 201	148 208
F3 (Ust)	● 104 ■ 165	108 163	107 165	108 167	106 159	108 160	110 158	108 166	109 173

5.2 ft City - ZC 440 - []

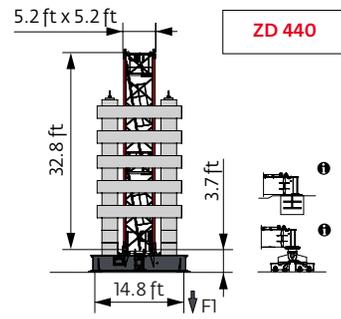
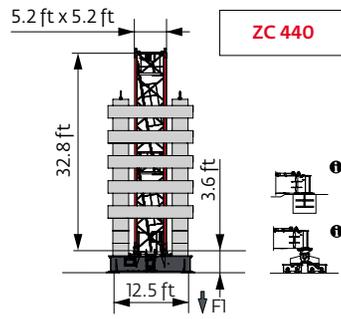
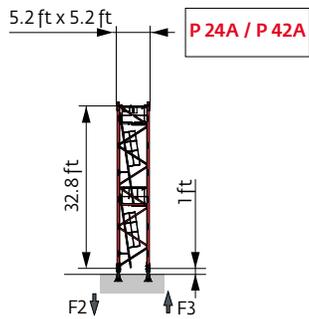
Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	155.2	160.4	160.4	155.2	155.2	155.2	149.6	149.6	149.6
Height/P ₊ (ft)	155.2	116.8	116.8	116.8	122.4	155.2	149.6	149.6	149.6
10.9 ft	2	1	1	2	2	2	0	0	0
16.4 ft	8	9	9	8	8	6	9	9	9
32.8 ft	0	0	0	0	0	1	0	0	0
F1 (Ust)	● 95 ■ 93	99 97	99 98	97 94	99 97	101 98	101 96	101 97	101 101

5.2 ft City - ZD 440 - []

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	176.8	176.8	176.8	171.6	166	166	166	166	166
Height/P ₊ (ft)	176.8	116.8	116.8	116.8	122.4	166	166	166	166
10.9 ft	1	1	1	2	0	0	0	0	0
16.4 ft	8	8	8	7	8	8	8	8	8
32.8 ft	1	1	1	1	1	1	1	1	1
F1 (Ust)	● 92 ■ 98	92 96	92 97	92 95	91 91	92 92	94 95	95 98	96 102

5.2 ft - P 42A

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	175.5	175.5	175.5	170	170	170	164.4	164.4	164.4
Height/P ₊ (ft)	175.5	153.5	153.5	153.5	164.4	170	164.4	164.4	164.4
6.6 ft	1	1	1	1	1	1	1	1	1
10.9 ft	2	2	2	0	0	0	1	1	1
16.4 ft	7	7	7	8	8	8	7	7	7
32.8 ft	1	1	1	1	1	1	1	1	1
F2 (Ust)	● 143 ■ 214	150 214	151 217	147 204	147 206	151 208	152 206	154 214	156 221
F3 (Ust)	● 105 ■ 181	111 179	110 181	106 167	106 169	109 170	110 168	112 175	113 183



6.6 ft - P 63A

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	252	252	252	252	252	252	246.4	246.4	241.1
Height/P _z (ft)	252	252	252	252	252	252	246.4	246.4	241.1
6.6 ft	1	1	1	1	1	1	1	1	1
10.9 ft	0	0	0	0	0	0	1	1	2
16.4 ft	13	13	13	13	13	13	12	12	11
32.8 ft	1	1	1	1	1	1	1	1	1
F2 (Ust)	● 188	194	194	197	199	199	200	202	199
	■ 389	389	392	394	397	399	390	397	389
F3 (Ust)	● 141	142	141	143	145	144	145	146	143
	■ 343	341	344	345	347	348	339	346	338

6.6 ft - V 60A

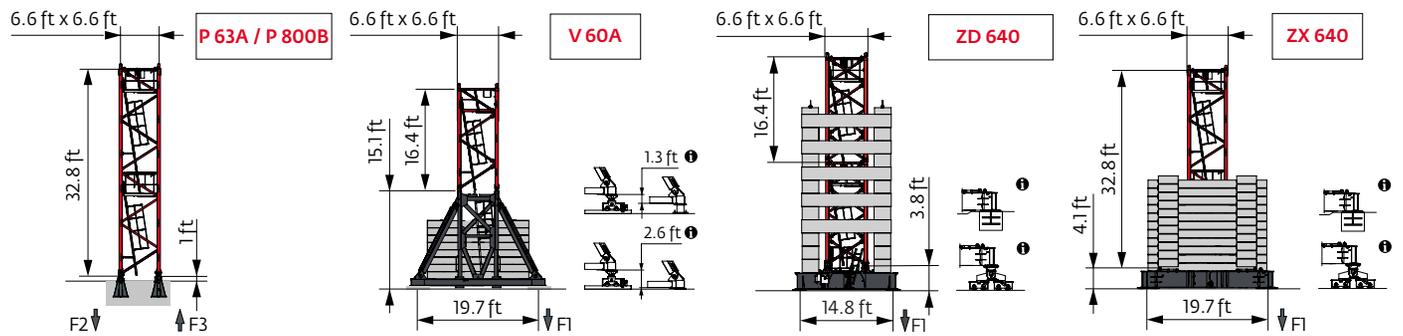
Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	211.3	211.3	211.3	211.3	211.3	211.3	206	206	200.5
Height/P _z (ft)	211.3	211.3	211.3	211.3	211.3	211.3	206	206	200.5
6.6 ft	1	1	1	1	1	1	1	1	1
10.9 ft	1	1	1	1	1	1	2	2	0
16.4 ft	11	11	11	11	11	11	10	10	11
F1 (Ust)	● 100	102	103	104	105	105	105	105	104
	■ 144	144	145	146	147	148	145	149	144

6.6 ft - ZD 640

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	172.6	172.6	178.2	172.6	172.6	172.6	167.3	167.3	167.3
Height/P _z (ft)	172.6	172.6	178.2	172.6	172.6	172.6	167.3	167.3	167.3
6.6 ft	1	1	1	1	1	1	1	1	1
10.9 ft	0	0	2	0	0	0	1	1	1
16.4 ft	10	10	9	10	10	10	9	9	9
F1 (Ust)	● 97	102	105	102	104	103	104	104	105
	■ 123	122	134	126	127	128	125	131	135

6.6 ft - ZX 640

Height (ft)	82	98	115	131	148	164	180	197	213
Height (ft)	255.3	255.3	255.3	255.3	255.3	255.3	249.7	249.7	244.1
Height/P _z (ft)	255.3	255.3	255.3	255.3	255.3	255.3	249.7	249.7	244.1
6.6 ft	1	1	1	1	1	1	1	1	1
10.9 ft	0	0	0	0	0	0	1	1	2
16.4 ft	13	13	13	13	13	13	12	12	11
32.8 ft	1	1	1	1	1	1	1	1	1
F1 (Ust)	● 135	138	141	142	143	143	140	144	140
	■ 210	210	211	213	214	215	210	214	210



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.

- i** Motorized accesses: adapted mast compositions, base ballast and reactions.
- Other mast compositions - Please consult us

Anchorage



Base ballast

USt / 5.2 ft City - ZC 440 -

Δh (ft)	82	98	115	131	148	164	180	197	213
160.4		137.8	137.8						
155.2	137.8	132.3	132.3	132.3	137.8	137.8			
149.6	132.3	132.3	132.3	132.3	132.3	132.3	137.8	132.3	132.3
133.2	110.2	121.3	121.3	121.3	110.2	121.3	121.3	110.2	110.2
116.8	99.2	121.3	121.3	121.3	121.3	110.2	110.2	110.2	99.2
100.4	88.2	121.3	121.3	121.3	110.2	99.2	99.2	99.2	99.2
84	88.2	121.3	121.3	121.3	110.2	99.2	88.2	88.2	88.2
67.6	88.2	121.3	121.3	110.2	110.2	99.2	88.2	88.2	88.2
51.2	88.2	121.3	121.3	110.2	110.2	99.2	88.2	88.2	88.2

USt / 5.2 ft City - ZD 440 -

Δh (ft)	82	98	115	131	148	164	180	197	213
176.8	132.3	121.3	121.3						
171.6	121.3	121.3	121.3	121.3					
166	110.2	110.2	110.2	110.2	121.3	121.3	121.3	121.3	121.3
149.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
133.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
116.8	77.2	99.2	88.2	88.2	88.2	77.2	77.2	77.2	77.2
100.4	66.1	88.2	88.2	88.2	88.2	77.2	66.1	66.1	66.1
84	66.1	88.2	88.2	88.2	88.2	66.1	66.1	66.1	66.1
67.6	66.1	88.2	88.2	88.2	88.2	66.1	66.1	66.1	66.1
51.2	66.1	88.2	88.2	88.2	88.2	66.1	66.1	66.1	66.1

USt / 6.6 ft - V 60A -

Δh (ft)	82	98	115	131	148	164	180	197	213
211.3	145.5	145.5	145.5	145.5	145.5	145.5			
206	145.5	145.5	145.5	145.5	145.5	145.5	145.5	145.5	
200.5	132.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	145.5
184.1	105.8	92.6	105.8	105.8	105.8	92.6	105.8	105.8	119.1
167.7	79.4	66.1	66.1	66.1	66.1	66.1	79.4	79.4	92.6
151.3	66.1	66.1	52.9	52.9	52.9	52.9	66.1	66.1	66.1
134.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
118.4	39.7	52.9	52.9	39.7	39.7	39.7	39.7	39.7	39.7
102 ↓	26.5	52.9	52.9	39.7	39.7	26.5	26.5	26.5	39.7
52.8	26.5	52.9	52.9	39.7	39.7	26.5	26.5	26.5	39.7

USt / 6.6 ft - ZD 640 -

Δh (ft)	82	98	115	131	148	164	180	197	213
178.2			137.8						
172.6	132.3	132.3	132.3	132.3	137.8	137.8			
167.3	132.3	132.3	132.3	132.3	132.3	132.3	137.8	137.8	137.8
150.9	110.2	110.2	110.2	110.2	110.2	110.2	121.3	121.3	121.3
134.5	88.2	99.2	88.2	88.2	88.2	88.2	99.2	99.2	99.2
118.1	77.2	88.2	88.2	88.2	77.2	77.2	77.2	77.2	77.2
101.7	66.1	88.2	88.2	77.2	77.2	66.1	66.1	66.1	66.1
85.3	66.1	88.2	88.2	77.2	77.2	66.1	66.1	55.1	66.1
68.9	66.1	88.2	88.2	77.2	77.2	66.1	66.1	55.1	66.1
52.5	66.1	88.2	88.2	77.2	77.2	66.1	66.1	55.1	66.1

USt / 6.6 ft - ZX 640 -

Δh (ft)	82	98	115	131	148	164	180	197	213
255.3	220.5	220.5	231.5	231.5	231.5	231.5			
249.7	209.4	209.4	220.5	220.5	220.5	220.5	220.5	231.5	
244.1	198.4	198.4	198.4	209.4	209.4	209.4	209.4	220.5	220.5
227.7	165.4	165.4	165.4	165.4	165.4	165.4	165.4	176.4	187.4
211.3	132.3	132.3	132.3	132.3	132.3	132.3	132.3	143.3	143.3
194.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	110.2	110.2
178.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	88.2
162.1	55.1	55.1	55.1	55.1	55.1	55.1	66.1	66.1	66.1
145.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
129.3	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
112.9 ↓	22.1	33.1	33.1	33.1	33.1	22.1	22.1	22.1	22.1
63.7	22.1	33.1	33.1	33.1	33.1	22.1	22.1	22.1	22.1

Load curves



▼▲▲▲ (ft)		56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft	
▼▲▲▲	8.8 USt	▼▲▲▲										▼▲▲▲											
▼▲▲▲	4.4 USt	▼▲▲▲										▼▲▲▲											
213	10 → 66	120 - 129	8.8	8.8	8.1	7	6.4	5.7	5.3	4.7	4.4	4.3	4	3.7	3.5	3.2	3	2.8	2.65	2.45	2.3	2.15	USt
	10 → 72	122 - 131	8.8	8.8	8.8	7.6	6.8	6	5.4	4.8	4.4	4.4	4.1	3.8	3.6	3.3	3.1	2.95	2.8	2.55	2.35	2.15	USt P+
197	10 → 72	129 - 138	8.8	8.8	8.7	7.6	7	6.2	5.7	5.1	4.8	4.4	4.4	4	3.8	3.6	3.4	3.2	3	2.85	2.5	2.3	USt
	10 → 76	130 - 138	8.8	8.8	8.8	8.1	7.4	6.5	5.9	5.3	4.8	4.4	4.4	4.1	3.9	3.6	3.4	3.2	3	2.85	2.5	2.3	USt P+
180	10 → 77	137 - 146	8.8	8.8	8.8	8.2	7.5	6.7	6.2	5.6	5.2	4.7	4.4	4.4	4.1	3.8	3.7	3.4	3	2.85	2.5	2.3	USt
	10 → 81	138 - 148	8.8	8.8	8.8	8.6	7.9	7	6.4	5.7	5.2	4.7	4.4	4.4	4.2	3.9	3.7	3.5	3	2.85	2.5	2.3	USt P+
164	10 → 82	146 - 154	8.8	8.8	8.8	8.8	8	7.2	6.7	6	5.6	5.1	4.8	4.4	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	10 → 84	147 - 157	8.8	8.8	8.8	8.8	8.3	7.4	6.9	6.2	5.7	5.2	4.8	4.4	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt P+
148	10 → 83		8.8	8.8	8.8	8.8	8.2	7.3	6.7	6.1	5.7	5.2	4.9	4.5	4.2	4	3.8	3.6	3.4	3.2	3	2.85	USt
	10 → 90		8.8	8.8	8.8	8.8	8.8	8	7.4	6.7	6.2	5.6	5.2	4.8	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt P+
131	10 → 84		8.8	8.8	8.8	8.8	8.3	7.4	6.9	6.2	5.8	5.3	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	10 → 92		8.8	8.8	8.8	8.8	8.8	8.1	7.6	6.8	6.4	5.9	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
115	10 → 85		8.8	8.8	8.8	8.8	8.5	7.5	7	6.3	5.8	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	10 → 93		8.8	8.8	8.8	8.8	8.8	8.3	7.7	7	6.4	5.9	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
98	10 → 87		8.8	8.8	8.8	8.8	8.6	7.7	7	6.4	5.9	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	10 → 95		8.8	8.8	8.8	8.8	8.8	8.4	7.8	7.1	6.5	6	5.5	5.1	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
82	10 → 82		8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	USt
	10 → 82		8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	USt P+

▼▲▲▲ = ▼▲▲ - 0.41 USt max.



▼▲▲▲ (ft)		56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft	
▼▲▲▲	8.8 USt	▼▲▲▲										▼▲▲▲											
▼▲▲▲	4.4 USt	▼▲▲▲										▼▲▲▲											
213	8 → 67	122 - 125	8.8	8.8	8.2	7.1	6.5	5.8	5.4	4.8	4.5	4.1	3.8	3.5	3.3	3	2.8	2.6	2.45	2.25	2.05	1.95	USt
	8 → 73	124 - 126	8.8	8.8	8.8	7.7	6.9	6.1	5.5	4.9	4.5	4.2	3.9	3.6	3.4	3.1	2.95	2.75	2.6	2.4	2.2	1.95	USt P+
197	8 → 72	131 - 132	8.8	8.8	8.8	7.7	7.1	6.3	5.8	5.2	4.9	4.4	4.2	3.8	3.6	3.3	3.2	2.95	2.85	2.65	2.4	2.2	USt
	8 → 77	132 - 135	8.8	8.8	8.8	8.2	7.5	6.6	6	5.3	4.9	4.5	4.3	3.9	3.7	3.4	3.2	3	2.85	2.7	2.5	2.3	USt P+
180	8 → 78	139 - 141	8.8	8.8	8.8	8.3	7.6	6.8	6.3	5.7	5.3	4.8	4.5	4.2	3.9	3.6	3.4	3.2	3	2.85	2.7	2.5	USt
	8 → 81	140 - 143	8.8	8.8	8.8	8.7	8	7.1	6.5	5.8	5.3	4.8	4.5	4.3	4	3.7	3.5	3.3	3	2.85	2.7	2.5	USt P+
164	8 → 82	149 - 151	8.8	8.8	8.8	8.8	8.1	7.3	6.8	6.1	5.7	5.2	4.9	4.4	4.3	4	3.8	3.6	3.4	3.2	3	2.85	USt
	8 → 85	149 - 151	8.8	8.8	8.8	8.8	8.4	7.5	7	6.2	5.8	5.2	4.9	4.5	4.3	4.1	3.8	3.6	3.4	3.2	3	2.85	USt P+
148	8 → 83		8.8	8.8	8.8	8.8	8.3	7.4	6.8	6.2	5.8	5.3	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	8 → 91		8.8	8.8	8.8	8.8	8.8	8.1	7.5	6.8	6.3	5.7	5.3	4.9	4.5	4.2	4	3.8	3.6	3.4	3.2	3	USt P+
131	8 → 85		8.8	8.8	8.8	8.8	8.4	7.5	7	6.3	5.9	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	8 → 93		8.8	8.8	8.8	8.8	8.8	8.2	7.7	6.9	6.5	6	5.5	5.1	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
115	8 → 86		8.8	8.8	8.8	8.8	8.6	7.6	7.1	6.4	5.9	5.4	5	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	8 → 94		8.8	8.8	8.8	8.8	8.8	8.4	7.8	7.1	6.5	6	5.5	5.1	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
98	8 → 88		8.8	8.8	8.8	8.8	8.7	7.8	7.1	6.5	6	5.5	5.1	4.7	4.4	4.2	4	3.8	3.6	3.4	3.2	3	USt
	8 → 96		8.8	8.8	8.8	8.8	8.8	8.5	7.9	7.2	6.6	6.1	5.6	5.2	4.8	4.4	4.2	4	3.8	3.6	3.4	3.2	USt P+
82	8 → 82		8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	USt
	8 → 82		8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	USt P+

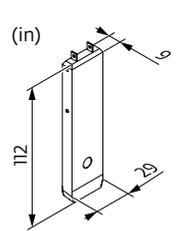
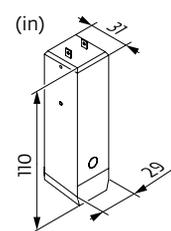
▼▲▲▲ = ▼▲▲ - 0.13 USt max.

Jib weight & counter-jib ballast

▼▲▲▲	▼▲▲▲ (lb) - 33 LVF (+/- 5%)			▼▲▲▲		▼▲▲▲ (lb)
	▼▲▲▲	▼▲▲▲	▼▲▲▲	7,937 lb	2,425 lb	
213 ft	23,896	23,433	24,083	4	4	41,447
197 ft	23,455	22,992	23,642	4	4	41,447
180 ft	22,750	22,353	22,948	4	4	41,447
164 ft	22,088	21,691	22,287	4	4	41,447
148 ft	21,314	20,918	21,513	4	3	39,022
131 ft	20,455	20,058	20,653	4	2	36,597
115 ft	19,396	18,999	19,595	4	1	34,172
98 ft	18,290	17,893	18,488	4	0	31,747
82 ft	17,183	16,786	17,381	3	2	28,660

CAU - 7,937 lb

CAV - 2,425 lb

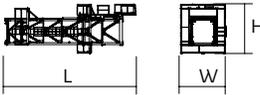
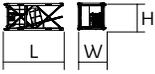
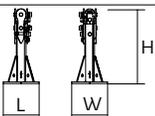
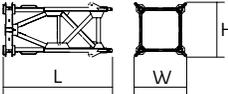
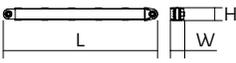
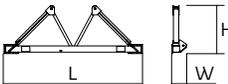
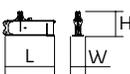
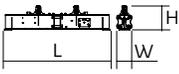
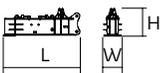


Dimensions and weight

Slewing crane part:  213 ft -  -  33 LVF



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		36.7	5	8.3	13,096
Towerhead + cab	 Ultra View □ 5.2 ft □ 6.6 ft	15.4 15.6	7.5 7.5	8.2 8.2	14,749 16,513
Jib section	 ① 33 LVF 6 DVF	35.8	9.6	8.6	9,304
Jib section	 ②	33.7	3.4	7.9	4,156
Jib section	 ③ ④ ⑤ ⑦ ⑧ ⑩	17.2 17 17 17 17 16.9	3.4 3.4 3.4 3.4 3.4 3.4	7.7 7.6 7.6 6.3 6.2 3.9	1,654 1,327 1,327 860 774 529
Jib section	 ⑥ ⑨	17 16.9	3.4 3.4	7.6 6.2	1,058 661
Jib section	 ⑪	16.7	3.4	3.8	441
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	5.9	4.4	3.2	743
Pulley block	 8.8 USt	3.3	1.4	6.6	697
Trolley	 8.8 USt	5.4	4.3	3	362
Trolley	 8.8 USt 4.4 USt	5.2 5.2	4.3 4.2	3 3	353 507
Pulley block	 8.8 USt 4.4 USt	5.4 3.6	0.8 0.5	5.6 4.9	675 695

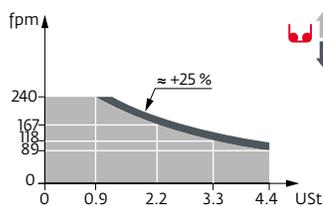
Crane tower			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Telescopic cage T41 Telescopic cage T61		□ 5.2 ft □ 6.6 ft	35.6 35.5	12.3 13.6	13.5 14.7	15,653 21,385
K40/K40-2 K60/K60-2		□ 5.2 ft □ 6.6 ft	7.3 7.3	6.9 8.2	6.8 8.1	2,932 4,255
K 447E KM 447E KRM 449E K 649B KM 649E KRM 6410B		□ 5.2 ft □ 5.2 ft □ 5.2 ft □ 6.6 ft □ 6.6 ft □ 6.6 ft	33.5 33.5 33.5 33.6 33.8 33.6	5.3 5.3 5.3 6.8 6.7 6.9	5.3 5.3 5.3 6.7 6.7 6.8	7,474 7,088 9,370 11,663 10,692 15,653
K 447A KMT 447A K 449A KMT 449A KR 649A KRMT 649A K 649A KMT 649A		□ 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 5.5 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
KMT 447C KRMT 649C		□ 5.2 ft □ 6.6 ft	11.6 11.7	5.5 6.9	5.3 6.8	2,976 5,401
Fixing angles		P 24A / P 42A P 63A / P 800B	1.8 2.5	1.8 2.5	3.8 4.2	529 1,025
Basic mast unit		V 60A	16.4	7.9	7.9	10,494
Struts		V 60A	14.8	1	1	1,036
Half-bearer		V 60A	22	2.3	7.6	4,057
1/2 Cross girder		ZC 440 ZD 440 ZD 640	9.2 10.8 10.8	1.9 1.9 1.9	4.3 4.4 4.7	2,447 2,778 2,976
Cross girder		ZC 440 ZD 440 ZD 640	19 22.2 22.2	2.8 2.8 1	4.3 4.3 4.7	5,997 6,702 7,055
1/2 Cross girder		ZX 640	14.3	3.3	5.1	7,319
Cross girder		ZX 640	30	3.9	5.1	15,168

Mechanisms

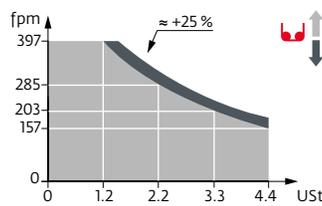
480 V - 60 Hz											hp	kW	
	33 LVF 20 Optima	fpm	89	118	167	240	46	59	89	121	33	22	951 ft
		USt	4.4	3.3	2.2	0.9	8.8	6.6	4.4	2			
	50 LVF 20 Optima	fpm	157	203	285	397	82	108	151	200	50	37	1,191 ft
		USt	4.4	3.3	2.2	1.2	8.8	6.6	4.4	2.8			
50 LVF 20 GH Optima	fpm	161	210	289	371	82	105	151	187	50	37	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 162 Optima+	rpm	0 → 0.8						2 x 7.5	2 x 5.5			

480 V (+6% -10%) 60 Hz	33 LVF: 45 → 32 kVA 50 LVF / 50 LVF GH: 58 → 38 kVA	

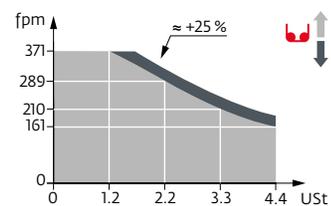
33 LVF 20 Optima



50 LVF 20 Optima



50 LVF 20 GH Optima



These mast combinations meet the EN 14439 and ASME B30.3-2016 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.

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

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

