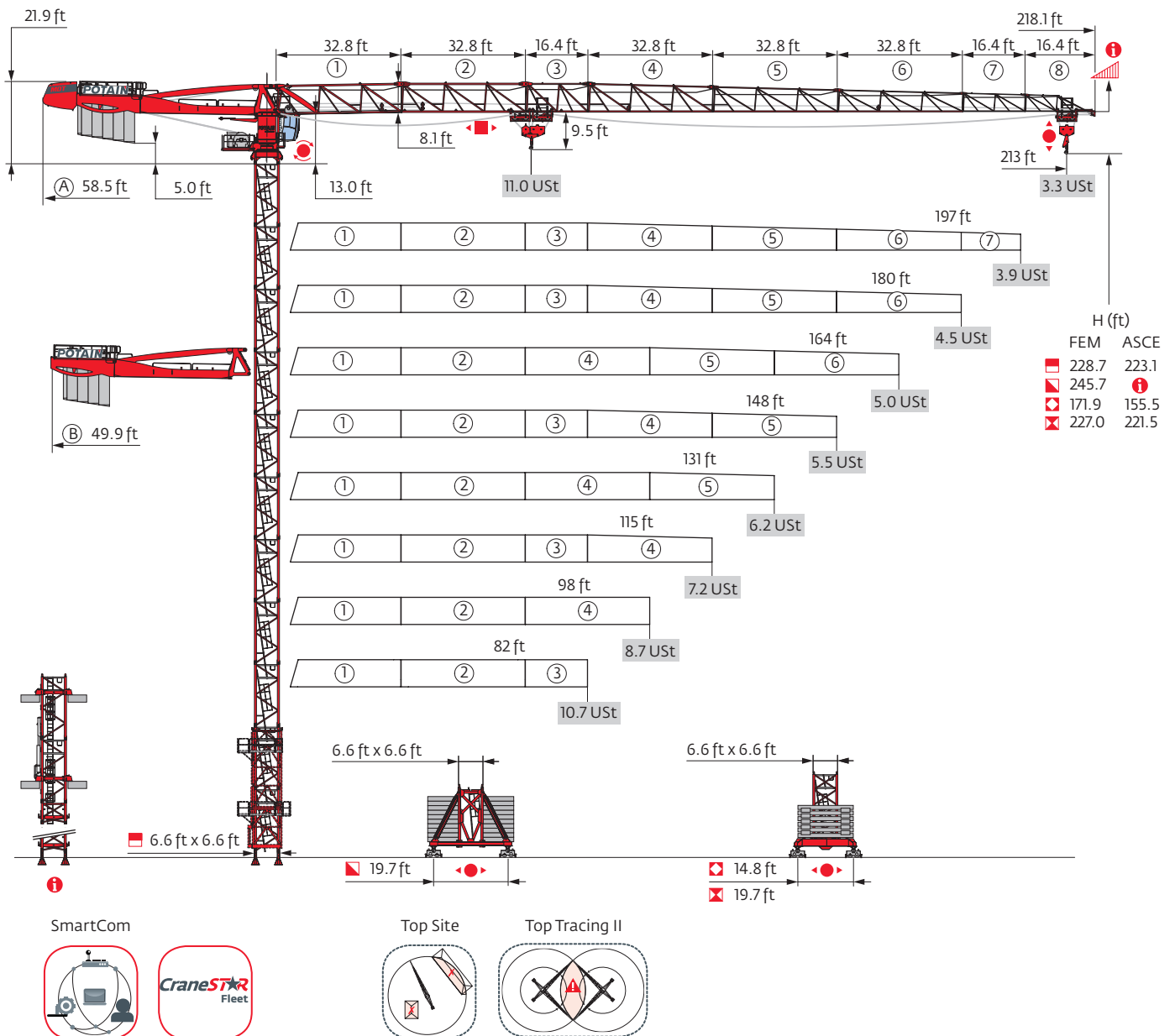


MDT 268 A

Data Sheet

FEM 1.001-A3
ASCE 7-10

MDT 268 A J10

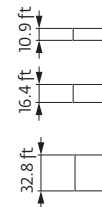
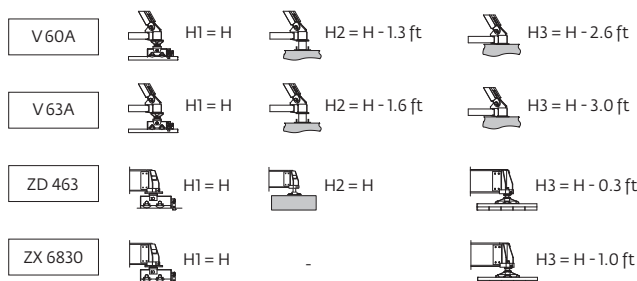
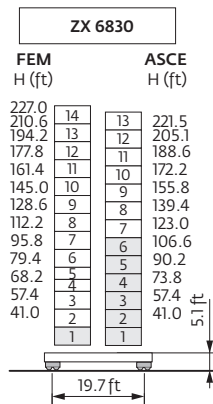
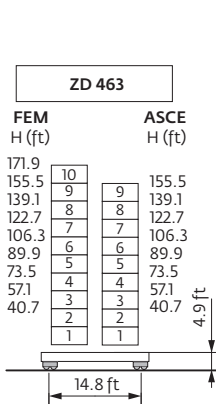
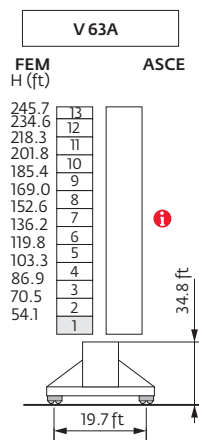
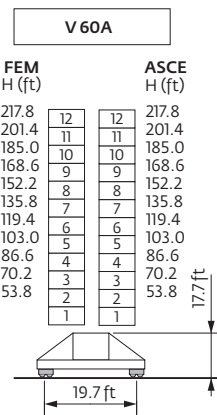
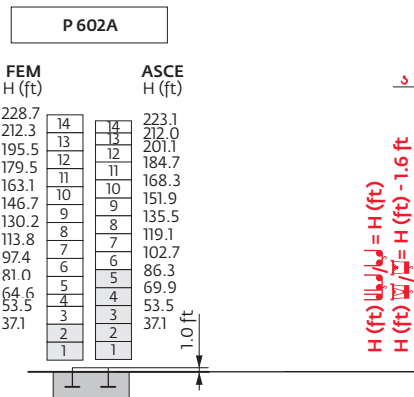


Values have been rounded

Mast

6.6 ft

82 ft → 213 ft

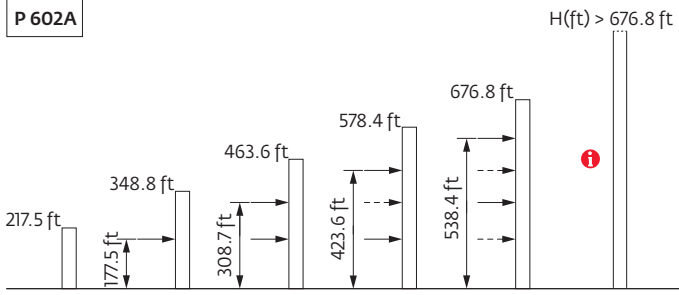


□ = Non-reinforced mast
 ■ = Reinforced mast

Note: When "ASCE" is noted in this data sheet it is referring to I15 mph Wind Zone, Exposure B, Design Wind Speed = 98 mph. See back cover for design wind speed calculations.

Anchorage (Consult us for ASCE 7-10 values)

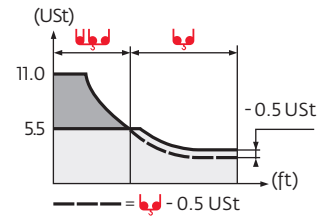
P 602A



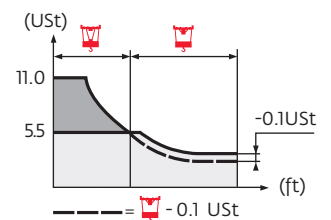
Load charts



213 ft	10	▶	72	72	82	89	98	105	115	121	129	138	148	154	164	171	180	187	197	203	213	ft
▲▲▲▲			11.0	10.9	9.5	8.6	7.6	7.1	6.4	6.0	5.5	5.5	5.1	4.9	4.5	4.3	4.1	3.9	3.6	3.5	3.3	USt
197 ft	10	▶	76	82	89	98	105	115	121	131	136	147	148	154	164	171	180	187	197		ft	
▲▲▲▲			11.0	10.1	9.3	8.2	7.6	6.8	6.4	5.8	5.5	5.5	5.5	5.2	4.9	4.6	4.3	4.2	3.9		USt	
180 ft	10	▶	78	82	89	98	105	115	121	131	138	142	152	154	164	171	180				ft	
▲▲▲▲			11.0	10.5	9.6	8.5	7.8	7.1	6.6	6.1	5.7	5.5	5.5	5.4	5.1	4.9	4.5				USt	
164 ft	10	▶	78	82	89	98	105	115	121	131	141	151	154	164							ft	
▲▲▲▲			11.0	10.4	9.6	8.5	7.8	7.1	6.6	6.1	5.5	5.5	5.4	5.0							USt	
148 ft	10	▶	78	82	89	98	105	115	121	131	141	148									ft	
▲▲▲▲			11.0	10.5	9.6	8.5	7.8	7.1	6.6	6.1	5.5	5.5									USt	
131 ft	10	▶	79	82	89	98	105	115	121	131											ft	
▲▲▲▲			11.0	10.5	9.6	8.5	7.9	7.2	6.6	6.1											USt	
115 ft	10	▶	79	82	89	98	105	115													ft	
▲▲▲▲			11.0	10.5	9.6	8.5	7.9	7.1													USt	
98 ft	10	▶	79	82	89	98															ft	
▲▲▲▲			11.0	10.6	9.7	8.5															USt	
82 ft	10	▶	79	82																	ft	
▲▲▲▲			11.0	10.5																	USt	



213 ft	8	▶	73	82	89	98	105	115	121	131	132	135	138	148	154	164	171	180	187	197	203	213	ft
▲▲▲▲			11.0	9.7	8.9	7.8	7.3	6.5	6.2	5.5	5.5	5.5	5.4	5.0	4.6	4.3	4.1	3.9	3.6	3.4	3.3	3.1	USt
197 ft	8	▶	77	82	89	98	105	115	121	131	138	138	141	148	154	164	171	180	187	197		ft	
▲▲▲▲			11.0	10.3	9.4	8.3	7.7	6.9	6.5	5.8	5.5	5.5	5.5	5.2	5.0	4.6	4.4	4.1	3.9	3.6		USt	
180 ft	8	▶	79	82	89	98	105	115	121	131	138	144	147	148	154	164	171	180				ft	
▲▲▲▲			11.0	10.6	9.7	8.6	8.0	7.3	6.7	6.2	5.8	5.5	5.5	5.5	5.2	4.9	4.6	4.3				USt	
164 ft	8	▶	79	82	89	98	105	115	121	131	143	146	148	154	164							ft	
▲▲▲▲			11.0	10.6	9.7	8.6	7.9	7.2	6.7	6.2	5.5	5.5	5.4	5.2	4.8							USt	
148 ft	8	▶	79	82	89	98	105	115	121	131	144	146	148									ft	
▲▲▲▲			11.0	10.6	9.7	8.6	7.9	7.2	6.7	6.2	5.5	5.5	5.5									USt	
131 ft	8	▶	79	82	89	98	105	115	121	131												ft	
▲▲▲▲			11.0	10.6	9.7	8.6	7.9	7.2	6.7	6.2												USt	
115 ft	8	▶	79	82	89	98	105	115														ft	
▲▲▲▲			11.0	10.6	9.7	8.6	8.0	7.2														USt	
98 ft	8	▶	80	82	89	98																ft	
▲▲▲▲			11.0	10.7	9.8	8.7																USt	
82 ft	8	▶	80	82																		ft	
▲▲▲▲			11.0	10.7																		USt	



Base ballast

6.6 ft	V 60A	H (ft)	217.8	201.4	185.0	168.6	152.2	135.8	119.4	103.0	86.6	70.2	53.8			
		FEM (USt)	145.5	105.8	79.4	52.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7		
		ASCE (USt)	145.5	i												
	V 63A	H (ft)	245.7	234.6	218.2	201.8	185.4	169.0	152.6	136.2	119.8	103.3	86.9	70.5	54.1	
		FEM (USt)	198.4	185.2	145.5	119.0	79.4	52.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
		ASCE (USt)	i													
	ZD 463	H (ft)	171.9	155.5	139.1	122.7	106.3	89.9	73.5	57.1	40.7					
		FEM (USt)	104.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2					
		ASCE (USt)	-	110.2	i											
	ZX 6830	H (ft)	227.0	221.5	210.6	194.2	177.8	161.4	145.0	128.6	112.2	95.8	79.4	68.2	57.4	41.0
		FEM (USt)	155.4	-	122.4	89.3	56.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
		ASCE (USt)	i													

Counter-jib ballast

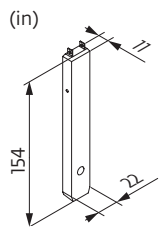
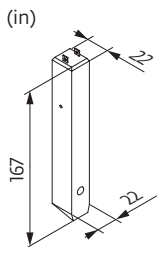
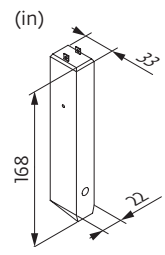
Height (ft)	Ballast (lb) (+/- 5%)			Counter-jib (lb)		
	W	B	W+B	10,141 lb	3373 lb	Total (lb)
213 ft	27,183	26,610	27,326	5	1	54,079
197 ft	26,698	26,125	26,841	5	1	54,079
180 ft	25,838	25,331	25,993	5	0	50,706
164 ft	23,744	23,237	23,898	4	1	43,938
148 ft	24,030	23,523	24,185	4	1	43,938
131 ft	21,936	21,429	22,090	4	0	40,565
115 ft	21,605	21,098	21,760	3	2	37,170
98 ft	19,775	19,268	19,930	3	1	33,797
82 ft	18,695	18,188	18,850	3	0	30,424

Height (ft)	Ballast (lb) (+/- 5%)			Counter-jib (lb)		
	W	B	W+B	6768 lb	3373 lb	Total (lb)
213 ft	27,183	26,610	27,326	8	0	54,146
197 ft	26,698	26,125	26,841	8	0	54,146
180 ft	25,838	25,331	25,993	7	1	50,750
164 ft	23,744	23,237	23,898	6	1	43,982
148 ft	24,030	23,523	24,185	6	1	43,982
131 ft	21,936	21,429	22,090	6	0	40,609
115 ft	21,605	21,098	21,760	5	1	37,214
98 ft	19,775	19,268	19,930	5	0	33,841
82 ft	18,695	18,188	18,850	4	1	30,446




CBS - 10,141 lb

CBU - 6768 lb

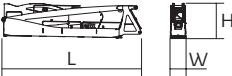

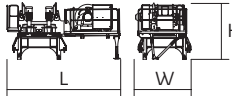
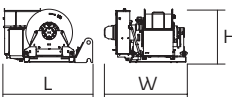
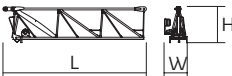
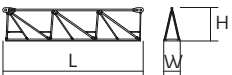

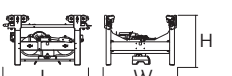

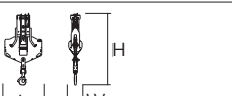

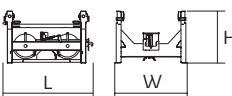

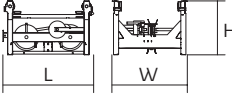





CBY - 3373 lb



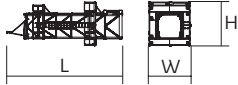
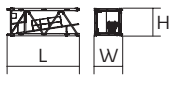
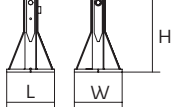


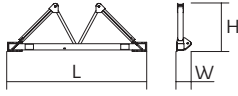
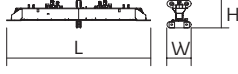
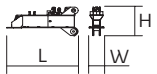
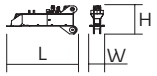
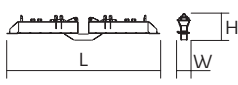

Component weights

Crane upper :  213 ft -  -  -  50 LVF



			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		Ⓐ Ⓑ	36.1	3.8	8.1	19,213
			36.1	3.8	8.1	18,629
Cab mast + cab		UltraView	16.1	7.4	8.2	11,685
Pivot + Hoisting winch (+ rope)		⏏ 6.6 ft 50 LVF 75 LVF	16.9	8.2	9.1	18,993
			16.9	8.2	8.3	20,183
Hoisting winch (+ rope)		50 LVF 75 LVF	7.4 7.4	6.4 6.9	5.2 4.5	5644 6834
Jib section		① 6 DVF	35.5	5.6	8.9	7760
Jib section		② ④ ⑤ ⑥	33.8	3.9	7.9	5335
			33.5	3.9	7.8	3439
			33.6	3.9	6.9	2723
			33.4	3.9	6.0	1753
Jib section		③ ⑦ ⑧	17.3	3.9	7.8	2116
			16.7	3.9	5.0	683
			16.7	3.9	4.6	485
Trolley		 11.0 USt	6.1	5.0	3.4	882
Hook block		 11.0 USt	3.3	1.4	6.6	694
Trolley		 11.0 USt	5.2	5.0	3.2	463
Trolley		 11.0 USt  5.5 USt	5.6	5.0	3.4	540
			6.1	5.0	3.2	648
Hook block		 11.0 USt  5.5 USt	5.4	0.7	5.6	717
			3.6	0.5	4.9	430

Component weights

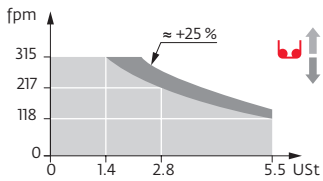
			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		□ 6.6 ft	37.7	13.8	14.3	18,155
K 639B		□ 6.6 ft	33.6	6.8	6.7	11,662
KR 649A K 639A		□ 6.6 ft □ 6.6 ft	17.2 17.2	6.9 6.8	6.8 6.7	7165 6184
K 639C		□ 6.6 ft	11.7	6.8	6.7	4376
Fixing angles		P 602A	2.1	2.1	4.2	650
Chassis mast		V 60A V 63A	16.4 32.9	7.9 7.9	7.9 7.9	9678 16,502
Struts		V 60A V 63A	14.8 14.8	1.0 1.1	1.0 1.1	926 1135
Half-bearer		V 60A V 63A	22.0 22.0	2.3 2.3	7.6 7.6	3527 4079
Cross girder		ZD 463	25.1	3.8	4.5	7904
1/2 Cross girder		ZD 463	11.2	2.3	4.4	3649
1/2 Cross girder		ZD 463	11.2	2.4	4.4	3682
Cross girder		ZX 6830	29.9	2.5	4.9	12,004
Cross girder		ZX 6830	29.9	3.7	3.6	11,607

Mechanisms

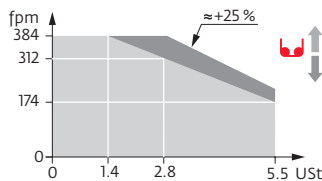
480 V - 60 Hz											hp	kW	
	50 LVF 25 Optima	fpm	118	151	217	315	59	75	108	157	50	37	1827 ft
		USt	5.5	4.1	2.8	1.4	11.0	8.3	5.5	2.8			
	75 LVF 25 Optima	fpm	174	223	312	384	87	112	156	192	75	55	2936 ft
		USt	5.5	4.1	2.8	1.4	11.0	8.3	5.5	2.8			
	6 DVF 4	fpm	0 → 164 (11.0 USt) 0 → 328 (5.5 USt) 0 → 394 (2.8 USt)							5.5	4		
	RVF 162 Optima+	rpm	0 → 1							2 x 7.5	2 x 5.5		
	RT 544 A1 - 2V R ≥ 13 m	fpm	52 - 105							4 x 8.4	4 x 6.2		
	RT 664 A2B - 2V	fpm	62 - 125							6 x 8.4	6 x 6.2		
	RT 443 A1 - 2V	fpm	59 - 118							4 x 6	4 x 4.4		
	RT 664 A2B - 2V	fpm	62 - 125							6 x 8.4	6 x 6.2		

IEC 60204-32	kVA
480 V (+6% -10%) 60 Hz	50 LVF : 58 kVA 75 LVF : 78 kVA

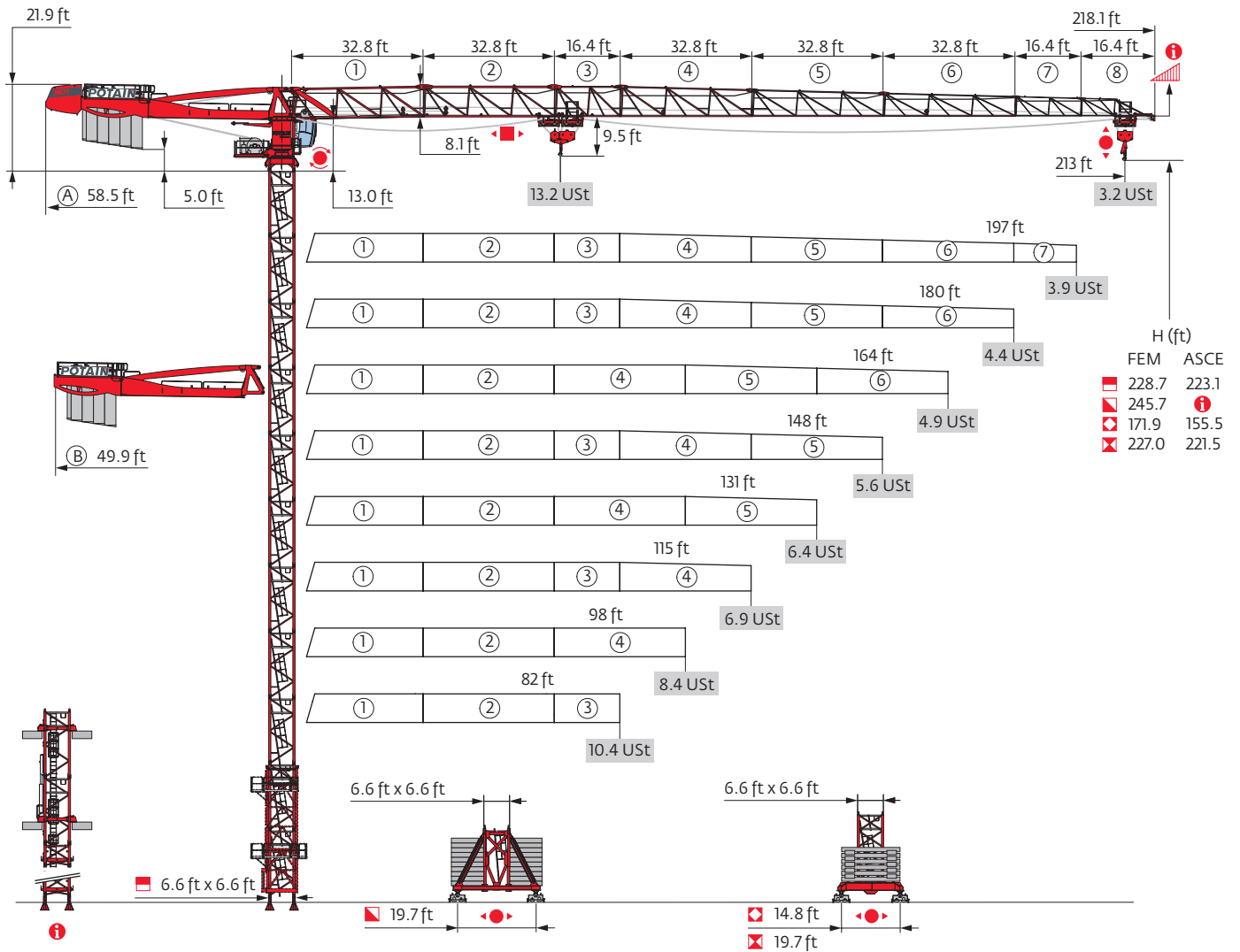
50 LVF 25 Optima



75 LVF 25 Optima



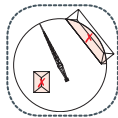
MDT 268 A J12



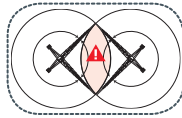
SmartCom



Top Site



Top Tracing II

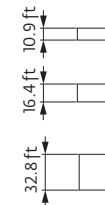
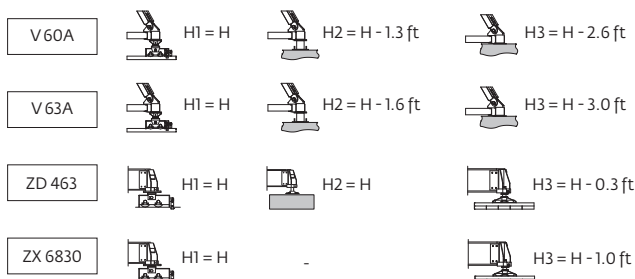
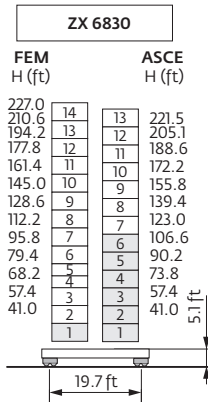
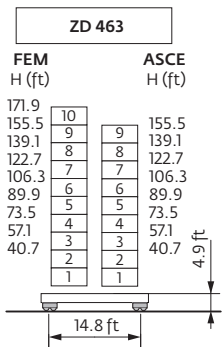
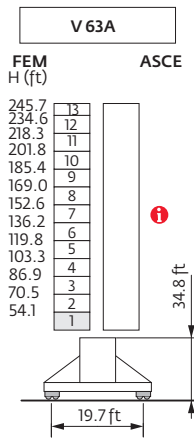
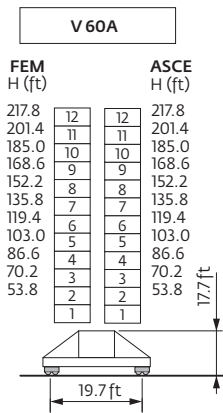
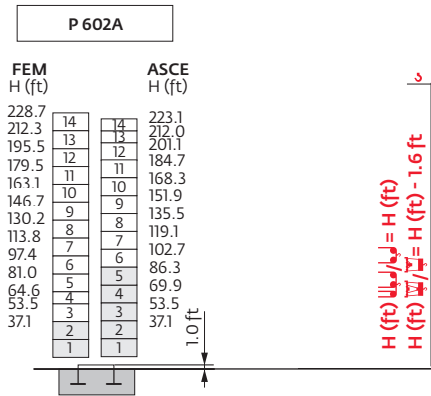


Values have been rounded

Mast

6.6 ft

82 ft → 213 ft

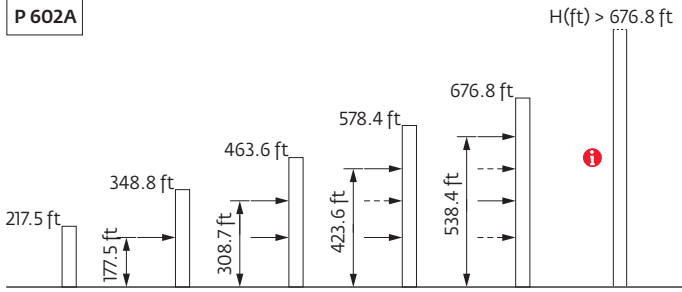


□ = Non-reinforced mast
 ■ = Reinforced mast

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 (Consult us for ASCE 7-10 values)

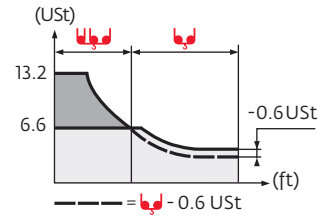
P 602A



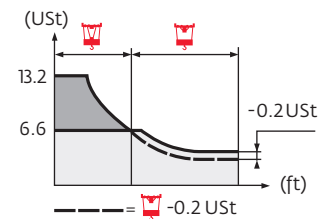
Load chart



213 ft	10	▶	60	66	72	82	89	98	105	108	116	121	131	138	148	154	164	171	180	187	197	203	213	ft
▲▼▲▼			13.2	12.0	10.8	9.3	8.5	7.4	6.8	6.6	6.6	6.3	5.7	5.4	5.1	4.7	4.4	4.2	4.0	3.7	3.5	3.4	3.2	Ust
197 ft	10	▶	64	66	72	82	89	98	105	115	116	124	131	138	148	154	164	171	180	187	197	ft		
▲▼▲▼			13.2	12.9	11.6	10.0	9.1	8.0	7.5	6.7	6.6	6.6	6.2	5.8	5.4	5.2	4.9	4.6	4.3	4.1	3.9	Ust		
180 ft	10	▶	66	72	82	89	98	105	115	118	127	131	138	148	154	164	171	180	ft					
▲▼▲▼			13.2	11.9	10.3	9.4	8.3	7.7	6.8	6.6	6.6	6.4	6.1	5.6	5.3	5.0	4.7	4.4	Ust					
164 ft	10	▶	66	72	82	89	98	105	112	118	127	131	138	148	154	164	ft							
▲▼▲▼			13.2	11.8	10.3	9.4	8.3	7.6	7.1	6.6	6.6	6.4	6.0	5.5	5.3	4.9	Ust							
148 ft	10	▶	66	72	82	89	98	105	115	118	127	131	138	148	ft									
▲▼▲▼			13.2	11.9	10.3	9.4	8.3	7.6	6.8	6.6	6.6	6.4	6.1	5.6	Ust									
131 ft	10	▶	66	72	82	89	98	105	115	118	127	131	ft											
▲▼▲▼			13.2	11.9	10.3	9.4	8.3	7.7	6.8	6.6	6.6	6.4	Ust											
115 ft	10	▶	66	72	82	89	98	105	115	ft														
▲▼▲▼			13.2	11.9	10.3	9.4	8.3	7.7	6.9	Ust														
98 ft	10	▶	66	72	82	89	98	ft																
▲▼▲▼			13.2	12.0	10.4	9.5	8.3	Ust																
82 ft	10	▶	66	72	82	ft																		
▲▼▲▼			13.2	12.0	10.3	Ust																		



213 ft	8	▶	61	66	72	82	89	98	105	110	112	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
▲▼▲▼			13.2	12.1	10.9	9.4	8.6	7.5	6.9	6.6	6.6	6.4	6.0	5.4	5.1	4.7	4.4	4.1	3.9	3.6	3.4	3.2	3.1	2.9	Ust
197 ft	8	▶	65	66	72	82	89	98	105	115	117	119	121	131	138	148	154	164	171	180	187	197	ft		
▲▼▲▼			13.2	13.0	11.7	10.0	9.1	8.2	7.5	6.7	6.6	6.6	6.5	5.8	5.5	5.1	4.9	4.5	4.3	4.0	3.7	3.5	Ust		
180 ft	8	▶	66	72	82	89	98	105	115	119	122	131	138	148	154	164	171	180	ft						
▲▼▲▼			13.2	12.0	10.4	9.5	8.4	7.7	6.9	6.6	6.6	6.1	5.7	5.3	5.0	4.6	4.4	4.1	Ust						
164 ft	8	▶	66	72	82	89	98	105	115	119	121	131	138	148	154	164	ft								
▲▼▲▼			13.2	11.9	10.3	9.4	8.3	7.7	6.9	6.6	6.6	6.1	5.7	5.2	5.0	4.6	Ust								
148 ft	8	▶	66	72	82	89	98	105	115	119	122	131	138	148	ft										
▲▼▲▼			13.2	11.9	10.4	9.5	8.4	7.7	6.9	6.6	6.6	6.1	5.7	5.2	Ust										
131 ft	8	▶	66	72	82	89	98	105	115	119	122	131	ft												
▲▼▲▼			13.2	12.0	10.4	9.5	8.4	7.7	6.9	6.6	6.6	6.1	Ust												
115 ft	8	▶	66	72	82	89	98	105	115	ft															
▲▼▲▼			13.2	12.0	10.4	9.5	8.4	7.7	6.9	Ust															
98 ft	8	▶	66	72	82	89	98	ft																	
▲▼▲▼			13.2	12.0	10.4	9.5	8.4	Ust																	
82 ft	8	▶	66	72	82	ft																			
▲▼▲▼			13.2	12.0	10.4	Ust																			



Base ballast

6.6 ft	V 60A	H (ft)	217.8	201.4	185.0	168.6	152.2	135.8	119.4	103.0	86.6	70.2	53.8			
		FEM (USt)	145.5	105.8	79.4	52.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7		
		ASCE (USt)	145.5	i												
	V 63A	H (ft)	245.7	234.6	218.2	201.8	185.4	169.0	152.6	136.2	119.8	103.3	86.9	70.5	54.1	
		FEM (USt)	198.4	185.2	145.5	119.0	79.4	52.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
		ASCE (USt)	i													
	ZD 463	H (ft)	171.9	155.5	139.1	122.7	106.3	89.9	73.5	57.1	40.7					
		FEM (USt)	104.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2					
		ASCE (USt)	-	110.2	i											
	ZX 6830	H (ft)	227.0	221.5	210.6	194.2	177.8	161.4	145.0	128.6	112.2	95.8	79.4	68.2	57.4	41.0
		FEM (USt)	155.4	-	122.4	89.3	56.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
		ASCE (USt)	i													

Counter-jib ballast

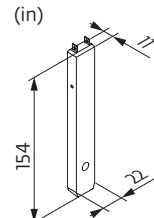
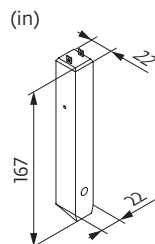
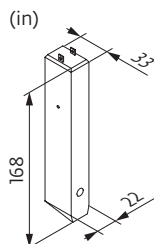
Height (ft)	Ballast (lb) (+/- 5%)			CBS - 10,141 lb		
	Top	Bottom	Side	Top	Bottom	Side
213 ft	27,448	26,764	27,613	5	1	54,079
197 ft	26,830	26,169	26,963	5	1	54,079
180 ft	26,147	25,485	26,279	5	0	50,706
164 ft	24,052	23,391	24,185	4	1	43,938
148 ft	24,339	23,678	24,471	4	1	43,938
131 ft	22,245	21,583	22,377	4	0	40,565
115 ft	21,914	21,253	22,046	3	2	37,170
98 ft	20,084	19,423	20,216	3	1	33,797
82 ft	19,004	18,342	19,136	3	0	30,424

Height (ft)	Ballast (lb) (+/- 5%)			CBU - 6768 lb		
	Top	Bottom	Side	Top	Bottom	Side
213 ft	27,448	26,764	27,613	8	0	54,146
197 ft	26,830	26,169	26,963	8	0	54,146
180 ft	26,147	25,485	26,279	7	1	50,750
164 ft	24,052	23,391	24,185	6	1	43,982
148 ft	24,339	23,678	24,471	6	1	43,982
131 ft	22,245	21,583	22,377	6	0	40,609
115 ft	21,914	21,253	22,046	5	1	37,214
98 ft	20,084	19,423	20,216	5	0	33,841
82 ft	19,004	18,342	19,136	4	1	30,446





CBS - 10,141 lb

CBU - 6768 lb

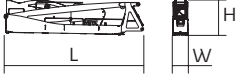

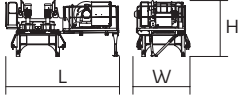
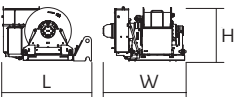



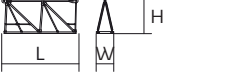
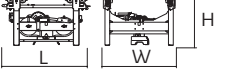

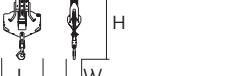

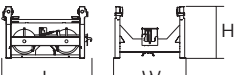

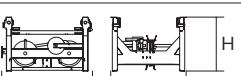


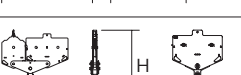


CBY - 3373 lb



Component weights

Crane upper :  213 ft -  -  -  50 LVF















			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Counter-jib		Ⓐ Ⓑ	36.1 36.1	3.8 3.8	8.1 8.1	19,213 18,629
Cab mast + cab		UltraView	16.1	7.4	8.2	11,685
Pivot + Hoisting winch (+ rope)		□ 6.6 ft 50 LVF 75 LVF	16.9 16.9	8.2 8.2	9.1 8.3	18,684 21,727
Hoisting winch (+ rope)		50 LVF 75 LVF	7.4 7.4	6.4 6.9	5.2 4.5	5324 8367
Hoisting winch (+ rope)		100 LVF	14.0	7.5	7.6	10,913
Jib section		① 6 DVF	35.5	5.6	8.9	7760
Jib section		② ④ ⑤ ⑥	33.8 33.5 33.6 33.4	3.9 3.9 3.9 3.9	7.9 7.8 6.9 6.0	5335 3439 2723 1753
Jib section		③ ⑦ ⑧	17.3 16.7 16.7	3.9 3.9 3.9	7.8 5.0 4.6	2116 683 485
Trolley		 13.2 USt	6.1	5.0	3.4	882
Hook block		 13.2 USt	3.9	1.4	7.6	1003
Trolley		 13.2 USt	5.2	5.0	3.2	463
Trolley		 13.2 USt  6.6 USt	5.6 6.1	5.0 5.0	3.4 3.2	540 648
Hook block		 13.2 USt  6.6 USt	5.4 3.6	0.7 0.9	5.8 5.3	992 584

Component weights

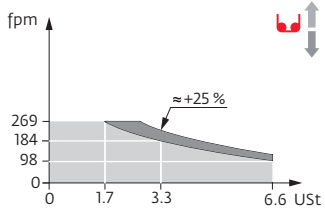
			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Climbing cage		□ 6.6 ft	37.7	13.8	14.3	18,155
K 639B		□ 6.6 ft	33.6	6.8	6.7	11,662
KR 649A K 639A		□ 6.6 ft □ 6.6 ft	17.2 17.2	6.9 6.8	6.8 6.7	7165 6184
K 639C		□ 6.6 ft	11.7	6.8	6.7	4376
Fixing angles		P 602A	2.1	2.1	4.2	650
Chassis mast		V 60A V 63A	16.4 32.9	7.9 7.9	7.9 7.9	9678 16,502
Struts		V 60A V 63A	14.8 14.8	1.0 1.1	1.0 1.1	926 1135
Half-bearer		V 60A V 63A	22 22	2.3 2.3	7.6 7.6	3527 4079
Cross girder		ZD 463	25.1	3.8	4.5	7904
1/2 Cross girder		ZD 463	11.2	2.3	4.4	3649
1/2 Cross girder		ZD 463	11.2	2.4	4.4	3682
Cross girder		ZX 6830	29.9	2.5	4.9	12,004
Cross girder		ZX 6830	29.9	3.7	3.6	11,607

Mechanisms

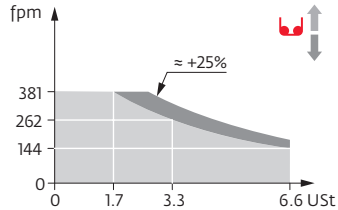
480 V - 60 Hz										hp	kW		
	50 LVF 30 Optima	fpm	98	131	184	269	49	66	92	135	50	37	1106 ft
		USt	6.6	5	3.3	1.7	13.2	9.9	6.6	3.3			
	75 LVF 30 Optima	fpm	144	184	262	381	72	92	131	190	75	55	
		USt	6.6	5	3.3	1.7	13.2	9.9	6.6	3.3			
100 LVF 30 Optima	fpm	200	262	361	531	100	131	180	266	100	75		
	USt	6.6	5	3.3	1.7	13.2	9.9	6.6	3.3				
	6 DVF 4	fpm	0 → 164 (13.2 USt) 0 → 328 (6.6 USt) 0 → 394 (3.3 USt)							5.5	4		
	RVF 162 Optima+	rpm	0 → 1							2 x 7.5	2 x 5.5		
	V 60A RT 544 A1 - 2V R ≥ 13 m	fpm	52 - 105							4 x 8.4	4 x 6.2		
			V 63A RT 664 A2B - 2V	fpm	62 - 125							6 x 8.4	6 x 6.2
	ZD 463 RT 443 A1 - 2V	fpm		59 - 118							4 x 6	4 x 4.4	
		ZX 6830 RT 664 A2B - 2V	fpm	62 - 125							6 x 8.4	6 x 6.2	

 IEC 60204-32	 kVA
480 V (+6% -10%) 60 Hz	50 LVF : 58 kVA 75 LVF : 78 kVA 100 LVF : 98 kVA

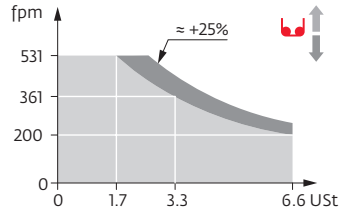
50 LVF 30 Optima



75 LVF 30 Optima




















100 LVF 30 Optima



Notes

Key

	Jib elevation
	Standard equipment
	Options
	Reactions in service
	Reactions out of service
	Weight without load, without ballast, with jib and max. height
	Total ballast weight
	Truck 44 ft
	Container High Cube 40 ft, and/or Flat Rack 20 ft

	Tightened anchorage frame
	Loosened anchorage frame
	Hoisting
	Trolleying
	Slewing
	Travelling
	Required power
	Consult us

Note: 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.

Constant improvement and engineering progress make it necessary that we reserve the right to make specification, equipment and price changes without notice. Illustrations shown may include optional equipment and accessories, and may not include all standard equipment.

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