

MDT 268



product guide



features

- **Topless jib with maximum radius of 213 ft (65 m)**
- **Two versions: 11 USt (10 t) and 13.2 USt (12 t)**
- **6,614 lb (3 000 kg) maximum tip capacity at 213 ft (65 m)**
- **Internal and external climbing with K mast**
- **Centrally located mechanisms**

contents

Features	2
Specifications	3
Component Weights	5
MDT 268 J10	
Dimensions	6
Load Charts	7
Mast & Mechanisms	8
MDT 268 J12	
Dimensions	9
Load Charts	10
Mast & Mechanisms	11
MDT 268 J10 (Metric)	
Dimensions	12
Load Charts	13
Mast & Mechanisms	14
MDT 268 J12 (Metric)	
Dimensions	15
Load Charts	16
Mast & Mechanisms	17
Symbols Glossary	18

features

2



New counter-jib design is able to be folded for transport and erected as one piece.

Designed for easy maintenance, the MDT 268's mechanisms are centrally located near the pivot.



K mast available as monoblock or panel mast with stepped pins for easy installation and instant visual inspection. Climbing mast available to allow you to climb with your jobsite.



Patented six knot jib design creates a lighter jib with enhanced capacities for improved performance.

MDT 268

specifications

3



Jib

98 ft (30 m) radius standard lattice jib. Patented six (6) bar knot design and joints. Catwalks in first two (2) 33 ft (10 m) sections for maintenance and easy access to sling points for erection and dismantling. Mounted as whole wired jib with hoist rope and trolley rope installed. One pin and two (2) safety pins at connection point to counter-jib. Sling points welded on jib, *lifting beam and *slings optional with crane.



*Jib Extensions

Optional jib lengths start at 82 ft (25 m). Additional jib sections of 16 ft (5 m) available up to maximum jib length of 205 ft (65 m).



Counter-Jib

Patented design in one compact package. Inclined position of ballast holder ensures self-locking of ballast blocks. Welded sling points.



Counter-Jib Ballast (customer supplied)

Two (2) concrete block style combinations for various ballasting combinations according to jib length: 3,373 lb (1 530 kg) and 10,141 lb (4 600 kg); 6,768 lb (3 070 kg) and 10,141 lb (4 600 kg). Blocks are designed for safe and easy placement on the ground during erection and dismantling.



Cab

Vision cab 140C includes heating, window vent, tinted glass, windshield wipers, sun visor, document case, side pocket, bottle holder, ergonomic seat with high back, adjustable armrests, height and seating with control units, front-to-back shifting and reclining back.

140C: 4.6 ft (1,400 mm) width, 7.2 ft (2,200 mm) height, and 5.3 ft (1 620 mm) depth.

*140S: 4.6 ft (1 400 mm) width, 7.2 ft (2 200 mm) height, and 7.2 ft (2 180 mm) depth; air conditioning optional.



Controls

Dual axis joystick controls located in the cab with an optional *radio remote control optional.



Reeving

SM for 2-part line application standard. *Optional 2-trolley or SM/DM (semi-automatic) hookblock for 2 or 4-part line applications.



Electrical Requirement

480 volt, 60 Hz measured at the turntable.



* Anemometer & *Dialog Visu

Electronic wind speed meter (anemometer) to alert the operator of wind speed conditions. Requires *Dialog Visu to display information. Crane can be operated with wind gusts up to 45 MPH (72 KPH). *Dialog Visu displays height under hook, position of jib trolley, loads and overload moment, and wind speed.

* Denotes optional equipment



Swing

RVF 162 Optima + slewing mechanism with maximum swing speed of 0.8 RPM. Progressive control of speed with counter-slewing possible, anti-load swinging system makes aligning the load and jib easier. Optima + swing allows two (2) distinct swing modes.



Hoist

Grooved drum with electromagnetic safety brake. Progressive speed change according to the accelerating or decelerating ramps. Optima allows the hoist to adapt its speed to the weight of the load.

MDT 268 J10:

	50 LVF 25 Optima	*75 LVF 25 Optima
Single Line Pull:	2.8 USt (2.5 t)	2.8 USt (2.5 t)
Line speed:	315 ft/min (96 m/min)	361 ft/min (110 m/min)
Horse Power:	50 HP	75 HP
Spooling Capacity:	1,827 ft (557 m)	2,936 ft (895 m)

MDT 268 J12:

	50 LVF 30 Optima	*75 LVF 30 Optima	*100 LVF 30 Optima
Single Line Pull:	3.3 USt (3 t)	3.3 USt (3 t)	3.3 USt (3 t) Line
speed:	269 ft/min (82 m/min)	381 ft/min (116 m/min)	531 ft/min (162 m/min)
Horse Power:	50 HP	75 HP	75 HP
Spooling Capacity:	1,106 ft (337 m)	2,513 ft (766 m)	3,087 ft (941 m)

Specification of quantity of hoist rope is dependent upon customer's requirements and mast height.



Trolley

6 DVF 4: 5.5 HP variable frequency hoist with 882 lb (400 kg) line pull and line speed of 394 ft/min (120 m/min). Progressive speed change according to acceleration or deceleration ramps controlled by the frequency converter.

* Optional Equipment

- * STANDARD NORTH AMERICAN SPECIFICATION for J12: includes electric slip ring, 197 ft (60 m) cable 4G35 mm2, 213 ft (65 m) jib, 100LVF30 Optima hoist, heating mechanism for hoist, 2-trolley hookblock or SM/DM hookblock, 853 ft (260 m) hoist rope, Vision 140SX cab with insulation, Dialog Visu, and anemometer.
- * Electric slip ring
- * Jib radius 82 – 205 ft (25 – 65 m)
- * 2-Trolley hookblock
- * SM/DM (semi-automatic) hookblock
- * Dialog Visu
- * Cab air conditioning
- * Motorized greasing

Consult price list for additional options

MDT 268

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specifications

4



* Mast

K mast in K600 (6.6 ft [2 m]), panel or monoblock, and climbing or non-climbing available. Lengths of 10.9 ft (3.33 m), 16.4 ft (5 m), and 32.8 ft (10 m). available. Identification plates welded on each section to designate the type of mast and pin box to stow pins when not in use.

Mast nomenclature:

K – Series of mast with box angled members

M – Monoblock, non climbing

R – Reinforced

MT – Monoblock & climbing

RMT – Reinforced, monoblock, climbing

Equipped with aluminum ladders and galvanized steel resting platforms in each section. Cast connections are secured with two double tapered pins.

*Tirax tool and *Tirax pins available for faster easier assembly.

Combinations of masts can allow free-standing HUH to increase.



* Climbing Equipment

Equipment available for both internal climbing and external climbing of 6.6 ft (2 m) mast. Internal climbing equipment sold separately: 20 HP hydraulic unit, jack, and collars. External climbing equipment sold separately: climbing cage, 20 HP hydraulic unit, yoke, and jack.



* Anchor Stools

Anchor stools to be used in combination with a concrete foundation.

Anchors P61A: permanent anchor, maximum free-standing HUH: 212 ft (64.7 m) on 6.6 ft (2 m) K mast.

Anchors P62A: permanent anchor, maximum free-standing HUH: 229 ft (69.7 m) on 6.6 ft (2 m) K mast.



* Chassis

Chassis available with square footprints of 19.7 ft (6 m) for K600 mast. Composed of 2 metallic structures connected with a central mast-chassis and 4 struts for rigidity. A chassis can be placed on either straight or curved traveling equipment or metallic stools embedded into a concrete block.

Chassis V60A: square footprint of 19.7 ft (6 m), maximum free-standing HUH: 217.8 ft (66.4 m) on 6.6 ft (2 m) K mast.

Chassis V63A: square footprint of 19.7 ft (6 m), maximum free-standing HUH: 245.7 ft (74.9 m) on 6.6 ft (2 m) K mast.



* Cross Shaped Base

Cross shaped bases available with square footprint of 14.8 ft (4.5 m) and 19.7 ft (6 m). Composed of 2 beams and able to be placed on screw jacks with support plates, screwjacks with concrete blocks or traveling equipment.

Cross ZD 463: square footprint of 14.8 ft (4.5 m), maximum free-standing HUH 172.2 ft (52.5 m) on 6.6 ft (2 m) K mast.

Cross ZX6830: square footprint of 19.7 ft (6 m), maximum free-standing HUH: 210.6 ft (64.2 m) on 6.6 ft (2 m) K mast.

* Consult price list for additional options

Component Weights							
Item	Qty			l ft (m)	w ft (m)	h ft (m)	weight lb (kg)
1	1	Counter-jib		36.0 (10.97)	3.8 (1.17)	8.7 (2.64)	19,323 (8 765)
2	1	Pivot 2m - in transport (+50/75 LVF platform / +50 LVF 30 hoist)		16.9 (5.14)	8.2 (2.51)	9.1 (2.78)	26,115 (7 980)
3	1	Hoist 50 LVF		7.4 (2.26)	6.4 (1.96)	5.2 (1.6)	4,189 (1 900)
4	1	Hoist 75 LVF 30		7.4 (2.27)	6.9 (2.10)	4.4 (1.35)	5,357 (2 430)
5	1	Hoist 100 LVF 30		6.8 (2.06)	10.1 (3.09)	6.8 (2.06)	5,622 (2 550)
6	1	Cab V140S with support and derrick		14.1 (4.29)	7.3 (2.22)	8.2 (2.48)	11,354 (5 150)

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component weights

5

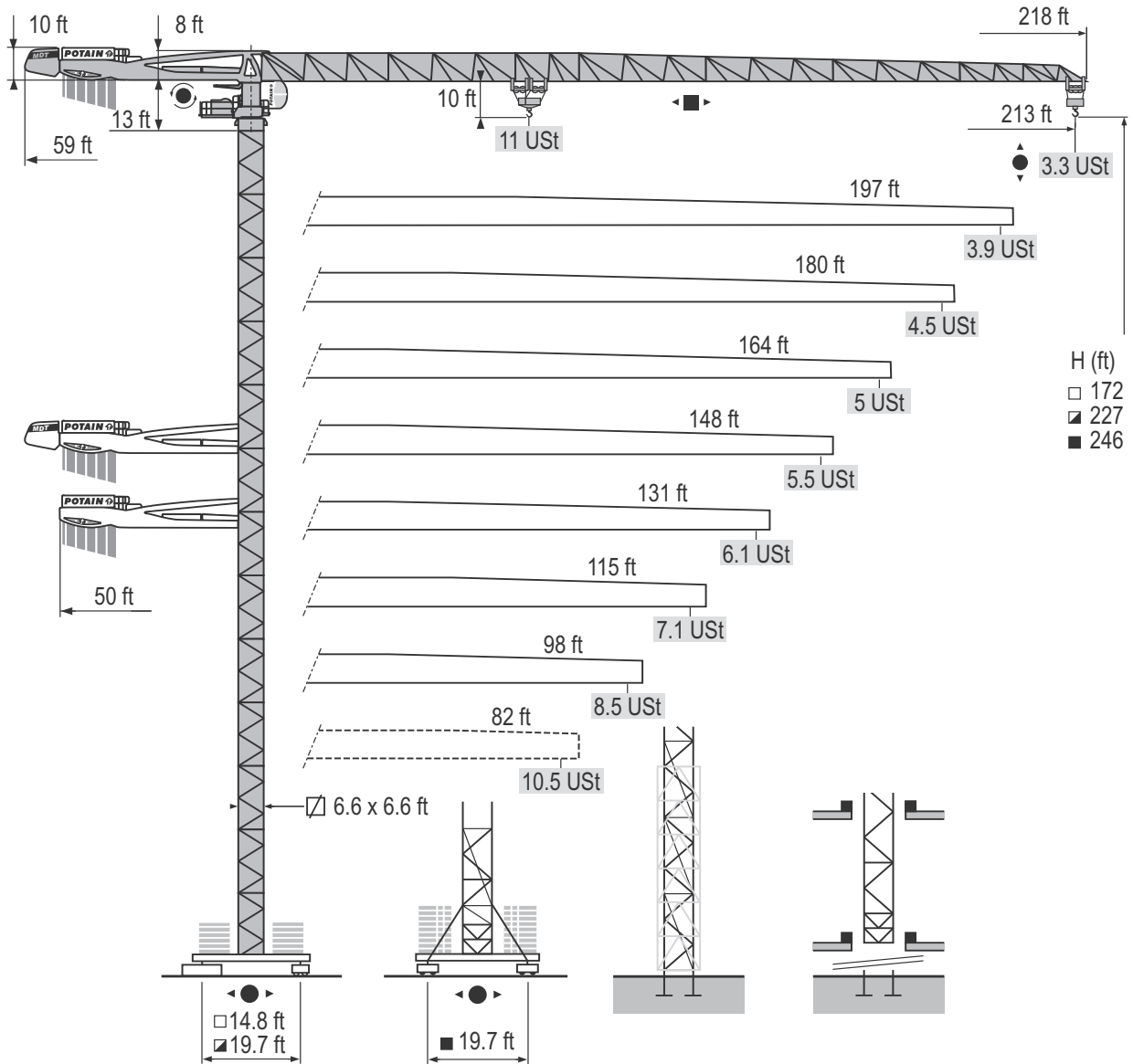
Component Weights (continued)							
7	1	Jib foot		35.5 (10.62)	5.6 (1.72)	8.9 (2.7)	7,760 (3 520)
8	1	Jib section		33.8 (10.31)	3.9 (1.2)	7.9 (2.42)	5,324 (2 415)
	1			17.3 (5.27)	3.9 (1.20)	7.8 (2.39)	2,052 (931)
	1			33.6 (10.24)	3.9 (1.20)	7.8 (2.39)	3,223 (1 462)
	1			33.6 (10.24)	3.9 (1.20)	7.8 (2.39)	2,544 (1 154)
	1			33.4 (10.19)	3.9 (1.20)	6.0 (1.83)	1,753 (795)
	1			16.9 (5.16)	3.9 (1.20)	5.0 (1.53)	595 (270)
	1			16.7 (5.09)	3.9 (1.20)	4.6 (1.39)	485 (220)
9	1	Jib nose		5.0 (1.51)	4.5 (1.36)	1.8 (0.54)	256 (116)
10	1	Jib trolley SM/DM 12t		6.1 (1.87)	5.0 (1.51)	3.4 (1.05)	829 (376)
11		Hookblock SM/DM 12t		3.9 (1.19)	1.4 (0.43)	7.6 (2.31)	996 (452)
12	1	1C/2C Jib trolley 12t		5.2 (1.57)	5.0 (1.51)	3.2 (0.98)	410 (186)
	1	1C/2C Jib trolley 12t		5.6 (1.7)	5.0 (1.51)	3.4 (1.03)	487 (221)
	1	1C/2C Hookblock 12 t		5.4 (1.65)	0.8 (0.25)	5.8 (1.78)	990 (449)
13	1	Mast section K637E		33.8 (10.29)	6.7 (2.03)	6.7 (2.03)	10,284 (4 665)
14	1	Mast section K639B		33.6 (10.23)	6.8 (2.07)	6.7 (2.03)	11,662 (5 290)
15	1	Mast section K639A		17.2 (5.23)	6.7 (2.03)	6.7 (2.03)	6,184 (2 805)
16	1	Mast section K639C		11.7 (3.57)	6.8 (2.07)	6.7 (2.03)	4,378 (1 985)
17	1	Fixing angle P60US		2.0 (0.61)	2.0 (0.61)	4.6 (1.4)	9,750 (499)
18	1	Cross shaped base: ZX6830		29.9 (9.1)	3.7 (1.1)	3.6 (1.1)	12,004 (5 445)
	1			29.9 (9.1)	3.7 (1.1)	3.6 (1.1)	11,607 (5 265)
19	1	Cross shaped base: ZD 463		25.1 (7.65)	3.8 (1.17)	4.5 (1.36)	7,903 (3 585)
	1			11.2 (3.41)	2.3 (0.7)	4.4 (1.35)	3,649 (1 665)
	1			11.2 (3.41)	2.3 (0.7)	4.4 (1.35)	3,662 (1 670)

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dimensions

MDT 268 J10

6





















MDT 268

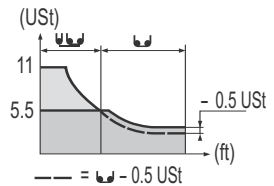
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load charts

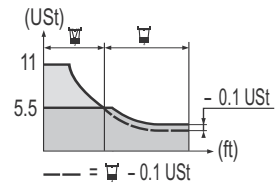
MDT 268 J10

7

	213 ft	10 ▶	72	72	82	89	98	105	115	121	129	138	148	154	164	171	180	187	197	203	213	ft
			11	10.9	9.5	8.6	7.6	7.1	6.4	6	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	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	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	10.4	9.6	8.5	7.8	7.1	6.6	6.1	5.5	5.5	5.4	5	UST							
	148 ft	10 ▶	78	82	89	98	105	115	121	131	141	148	ft									
			11	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	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	10.5	9.6	8.5	7.9	7.1	UST													
	98 ft	10 ▶	79	82	89	98	ft															
			11	10.6	9.7	8.5	UST															
	82 ft	10 ▶	79	82	ft																	
			11	10.5	UST																	



	213	8 ▶	73	82	89	98	105	115	121	131	132	135	138	148	154	164	171	180	187	197	203	213	ft
			11	9.7	8.9	7.8	7.3	6.5	6.2	5.5	5.5	5.5	5.4	5	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	10.6	9.4	8.3	7.7	6.9	6.5	5.87	5.5	5.5	5.5	5.2	5	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	10.6	9.7	8.6	8	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	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	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	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	10.6	9.7	8.6	8	7.2	UST														
	98 ft	8 ▶	80	82	89	98	ft																
			11	10.7	9.8	8.7	UST																
	82 ft	8 ▶	80	82	ft																		
			11	10.7	UST																		

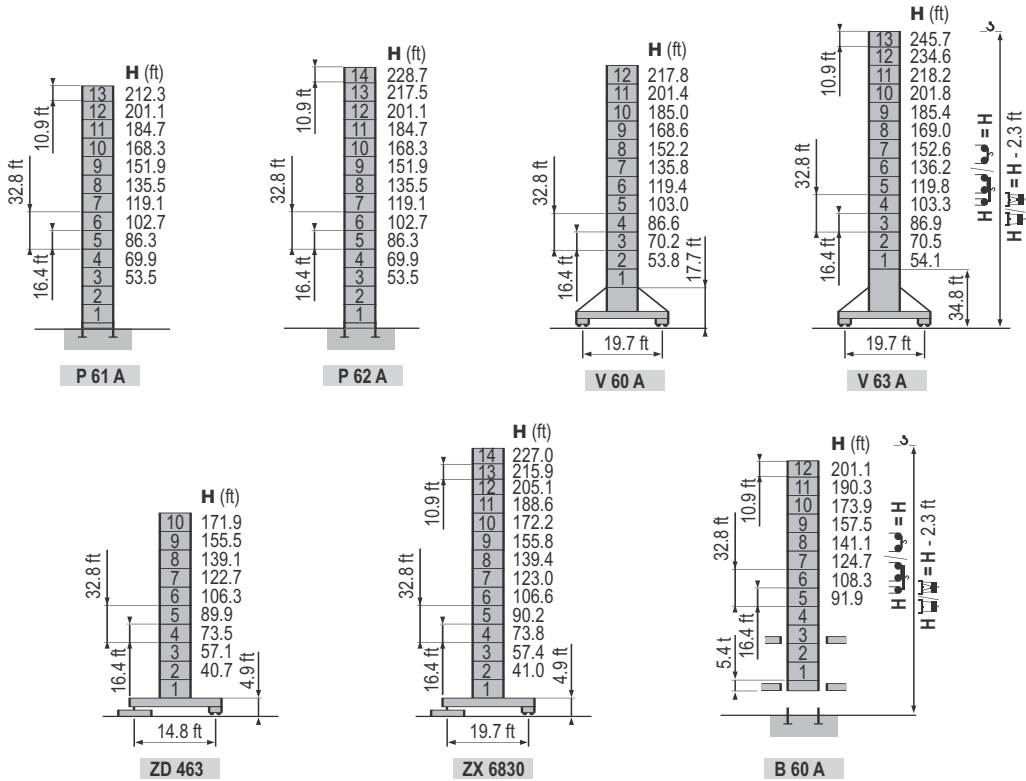


NOTE: Illustrated hook heights on this page were determined using FEM 1.001. Configurations shown may include optional equipment. Other codes may require reductions in configurations.

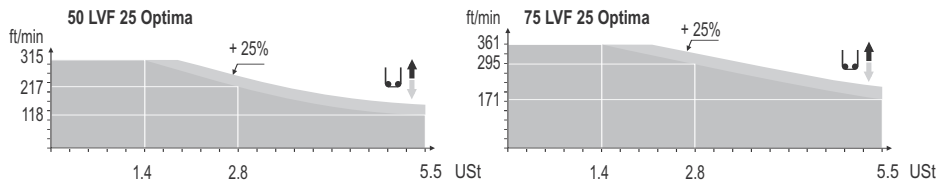
mast & mechanisms

MDT 268 J10

8



Direction	Model	Unit	Single Hook						Double Hook						hp	kW	Reach (ft)		
			10	39	118	151	217	315	5	20	59	75	108	157					
▲	50 LVF 25 Optima	ft/min	10	39	118	151	217	315	5	20	59	75	108	157	50	37	1,827 ft		
		USt	5.5	5.5	5.5	4.1	2.8	1.4	11	11	11	8.3	5.5	2.8					
▼	75 LVF 25 Optima	ft/min	13	46	171	217	295	361	7	23	85	108	148	180	75	55	2,936 ft		
		USt	5.5	5.5	5.5	4.1	2.8	1.4	11	11	11	8.3	5.5	2.8					
⦿	RVF 162 Optima +	rpm	0 → 0,8												2 x 7,5	2 x 5,5			
◀ ▶	6 DVF 4	ft/min	0 → 164 (11 USt) - 0 → 328 (5.5 USt) - 0 → 394 (2.8 USt)												5,5	4			
⦿	V 60 A	RT 544 A1 - 2V R 13 m	ft/min												44 - 89		4 x 7	4 x 5,2	
⦿	V 63 A		ft/min												i				
⦿	ZD 463	RT 443 A1 - 2V	ft/min												49 - 98		4 x 5	4 x 3,7	
⦿	ZX 6830	RT 544 A1 - 2V	ft/min												44 - 89		6 x 7	6 x 5,2	
CEI 38			IEC 38						kVA										
480 V (+6% -10%)									50 LVF : 75 kVA 75 LVF : 100 kVA										



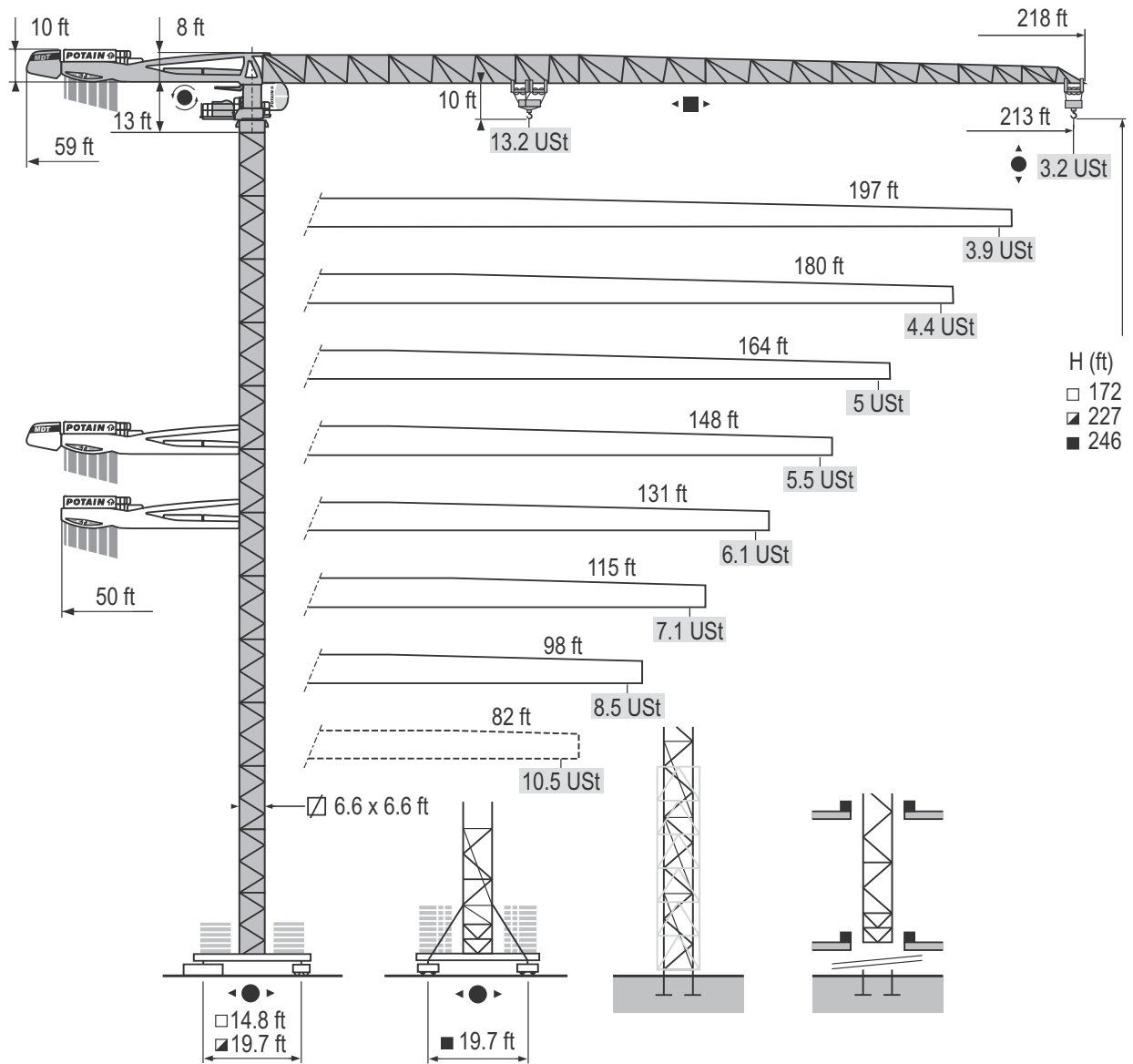
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MDT 268

dimensions

MDT 268 J12

9



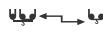

















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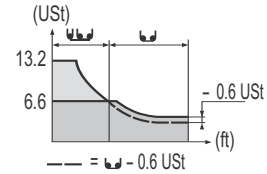
MDT 268



















load charts

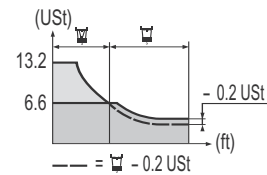
MDT 268 J12

10

	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	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	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	9.1	8	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	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	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	7.6	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	10.4	9.5	8.3	UST																
	82 ft	10 ▶	66	72	82	ft																		
			13.2	12	10.3	UST																		



	213	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	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	11.7	10	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	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	10.4	9.5	8.4	7.7	6.9	6.6	6.6	6.1	5.7	5.3	5	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	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	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	10.4	9.5	8.4	7.7	6.9	UST															
	98 ft	8 ▶	66	72	82	89	98	ft																	
			13.2	12	10.4	9.5	8.4	UST																	
	82 ft	8 ▶	66	72	82	ft																			
			13.2	12	10.4	UST																			



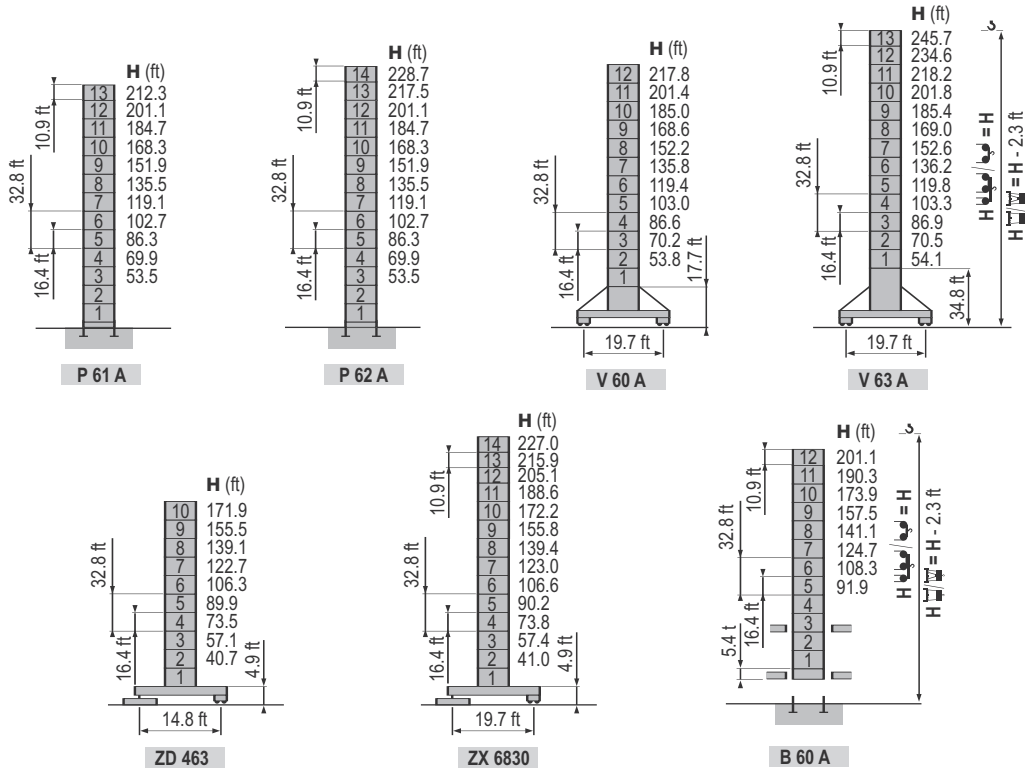
MDT 268

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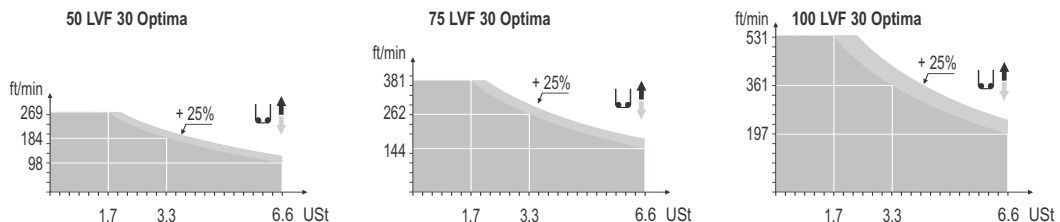
mast & mechanisms

MDT 268 J12

11



		☀					☁					hp	kW	🔊			
▲	50 LVF 30 Optima	ft/min	9	→ 33	→ 98	→ 131	→ 184	→ 269	4	→ 16	→ 49	→ 66	→ 92	→ 135	50	37	1,106 ft
		USt	6.6	6.6	6.6	5	3.3	1.7	13.2	13.2	13.2	9.9	6.6	3.3			
	75 LVF 30 Optima	ft/min	12	→ 144	→ 184	→ 262	→ 381	6	→ 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	ft/min	0	→ 197	→ 262	→ 361	→ 531	0	→ 98	→ 131	→ 180	→ 266	100			75	3,087 ft	
	USt	6.6		5	3.3	1.7	13.2		9.9	6.6	3.3						
⦿	RVF 162 Optima +	rpm	0 → 0,8										2 x 7,5	2 x 5,5			
◀ ▶	6 DVF 4	ft/min	0 → 164 (13.2 USt) - 0 → 328 (6.6 USt) - 0 → 394 (3.3 USt)										5,5	4			
🔊	V 60 A RT 544 A1 - 2V R 13 m	ft/min	44 - 89										4 x 7	4 x 5,2			
🔊	V 63 A	❗															
🔊	ZD 463 RT 443 A1 - 2V	ft/min	49 - 98										4 x 5	4 x 3,7			
🔊	ZX 6830 RT 544 A1 - 2V	ft/min	44 - 89										6 x 7	6 x 5,2			
CEI 38		IEC 38	kVA														
480 V (+6% -10%)		50 LVF : 75 kVA - 75 LVF : 100 kVA - 100 LVF : 125 kVA															



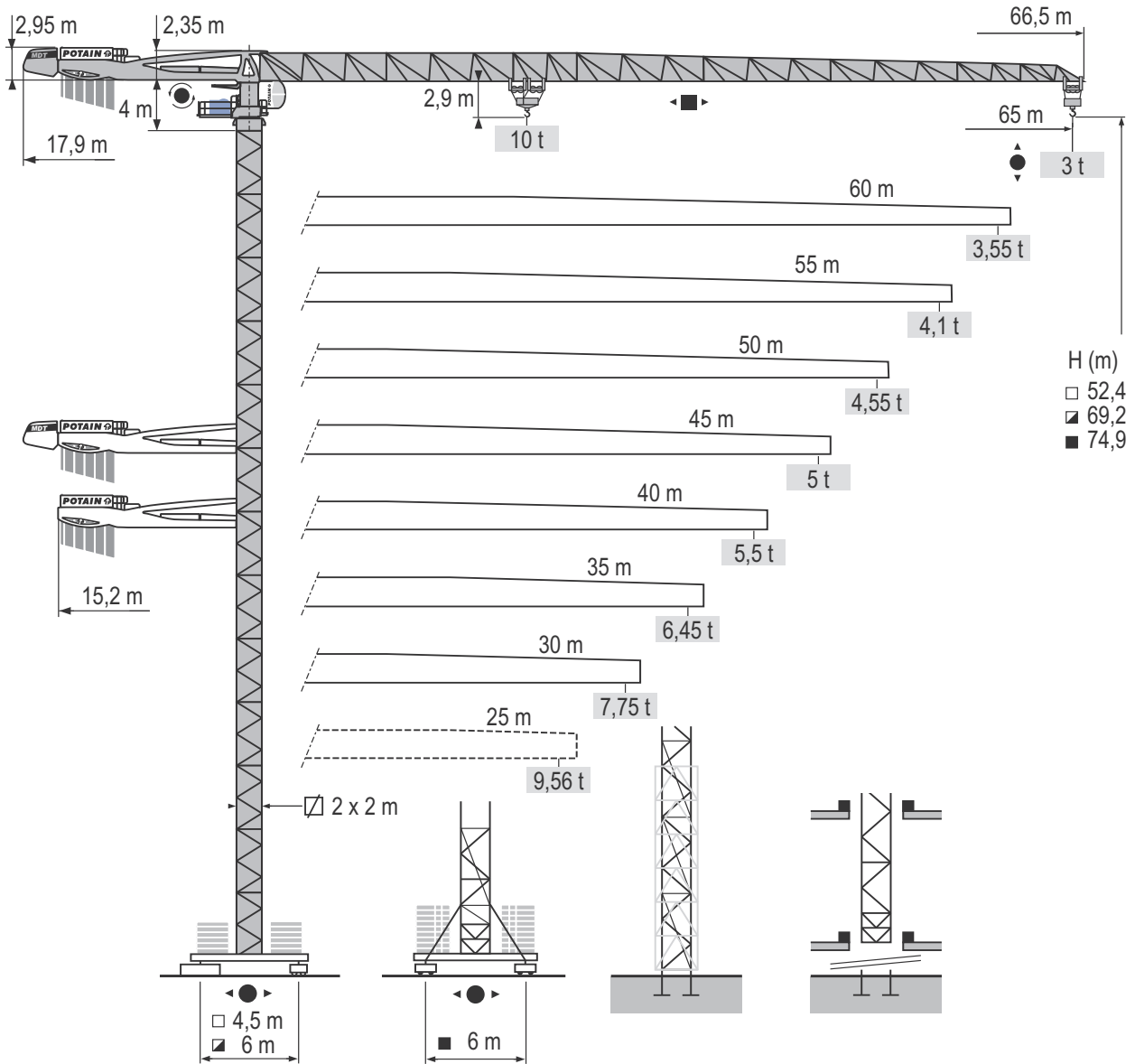
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MDT 268

metric dimensions

MDT 268 J10

12



MDT 268

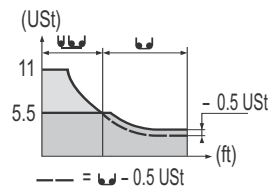
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metric load charts

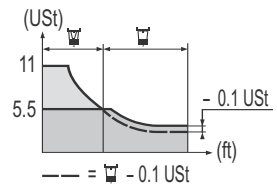
MDT 268 J10

13

	65 m	3,1 ▶	21,9	22	25	27	30	32	35	37	39,3	42,2	45	47	50	52	55	57	60	62	65	m
			10	9,9	8,6	7,8	6,9	6,4	5,8	5,4	5 ↔ 5	4,6	4,4	4,1	3,9	3,7	3,5	3,3	3,2	3		t
	60 m	3,1 ▶	23,2	25	27	30	32	35	37	40	41,6	44,8	45	47	50	52	55	57	60			m
			10	9,2	8,4	7,4	6,9	6,2	5,8	5,3	5 ↔ 5	5	4,7	4,4	4,2	3,9	3,8	3,55				t
	55 m	3,1 ▶	23,9	25	27	30	32	35	37	40	42	43,2	46,3	47	50	52	55					m
			10	9,5	8,7	7,7	7,1	6,4	6	5,5	5,2	5 ↔ 5	4,9	4,6	4,4	4,1						t
	50 m	3,1 ▶	23,8	25	27	30	32	35	37	40	42,9	46	47	50								m
			10	9,4	8,7	7,7	7,1	6,4	6	5,5	5 ↔ 5	4,9	4,55									t
	45 m	3,1 ▶	23,9	25	27	30	32	35	37	40	43	45										m
			10	9,5	8,7	7,7	7,1	6,4	6	5,5	5 ↔ 5											t
	40 m	3,1 ▶	24	25	27	30	32	35	37	40												m
			10	9,5	8,7	7,7	7,2	6,5	6	5,5												t
	35 m	3,1 ▶	24	25	27	30	32	35														m
			10	9,5	8,7	7,7	7,2	6,45														t
	30 m	3,1 ▶	24	25	27	30																m
			10	9,6	8,8	7,75																t
	25 m	3,1 ▶	24	25																		m
			10	9,56																		t



	65 m	2,4 ▶	22,4	25	27	30	32	35	37	40	40,3	41,1	42	45	47	50	52	55	57	60	62	65	m
			10	8,8	8,1	7,1	6,6	5,9	5,6	5	5 ↔ 5	4,9	4,5	4,2	3,9	3,7	3,5	3,3	3,1	3	2,8		t
	60 m	2,4 ▶	23,4	25	27	30	32	35	37	40	42	42,2	42,9	45	47	50	52	55	57	60			m
			10	9,3	8,5	7,5	7,0	6,3	5,9	5,3	5	5 ↔ 5	4,7	4,5	4,2	4	3,7	3,5	3,3				t
	55 m	2,4 ▶	79	82	89	98	105	115	121	131	138	144	147	148	154	164	171	180					ft
			11	10,6	9,7	8,6	8	7,3	6,7	6,2	5,8	5,5 ↔ 5,5	5,5	5,2	4,9	4,6	4,3						USt
	50 m	2,4 ▶	79	82	89	98	105	115	121	131	143	146	148	154	164								ft
			11	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
	45 m	2,4 ▶	79	82	89	98	105	115	121	131	144	146	148										ft
			11	10,6	9,7	8,6	7,9	7,2	6,7	6,2	5,5 ↔ 5,5	5,5											USt
	30 m	2,4 ▶	79	82	89	98	105	115	121	131													ft
			11	10,6	9,7	8,6	7,9	7,2	6,7	6,2													USt
	25 m	2,4 ▶	79	82	89	98	105	115															ft
			11	10,6	9,7	8,6	8	7,2															USt
	30 m	2,4 ▶	80	82	89	98																	ft
			11	10,7	9,8	8,7																	USt
	25 m	2,4 ▶	80	82																			ft
			11	10,7																			USt

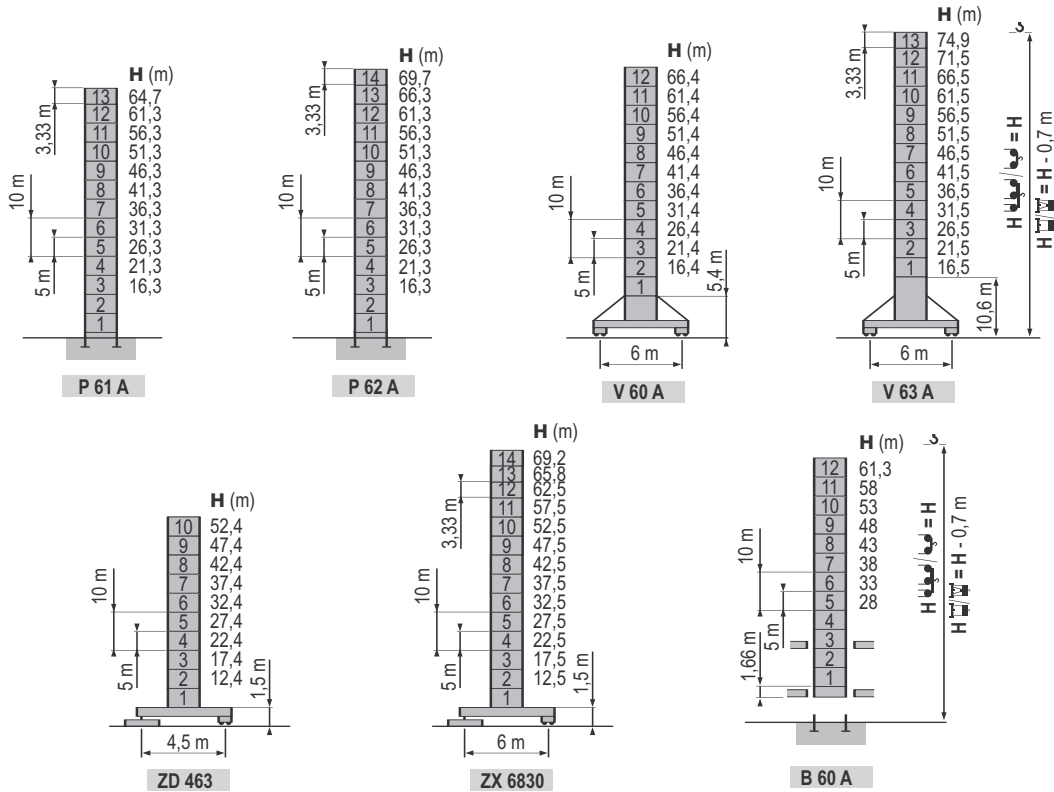


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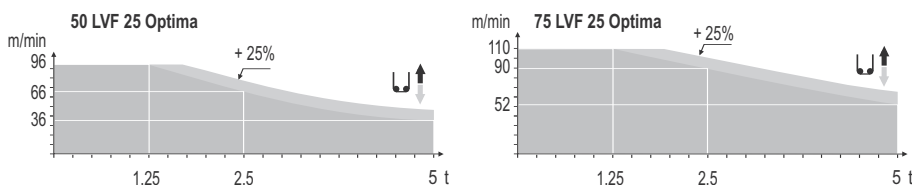
mast & mechanisms

MDT 268 J10

14



		⬇		⬆		ch - PS	kW	
▲	50 LVF 25 Optima	m/min	3,2 → 12 → 36 → 46 → 66 → 96	1,6 → 6 → 18 → 23 → 33 → 48	50	37	557 m	
	t		5 5 5 3,75 2,5 1,25	10 10 10 7,5 5 2,5				
●	75 LVF 25 Optima	m/min	4 → 14 → 52 → 66 → 90 → 110	2 → 7 → 26 → 33 → 45 → 55	75	55	895 m	
	t		5 5 5 3,75 2,5 1,25	10 10 10 7,5 5 2,5				
⊙	RVF 162 Optima +	tr/min	0 → 0,8			2 x 7,5	2 x 5,5	
◀ ▶	6 DVF 4	m/min	0 → 50 (10 t) - 0 →	100 (5 t) - 0 →	120 (2,5 t)	5,5	4	
	V 60 A RT 544 A1 - 2V R 13 m	m/min	13,5 - 27			4 x 7	4 x 5,2	
	V 63 A		i					
	ZD 463 RT 443 A1 - 2V	m/min	15 - 30			4 x 5	4 x 3,7	
	ZX 6830 RT 544 A1 - 2V	m/min	13,5 - 27			6 x 7	6 x 5,2	
CEI 38		IEC 38		kVA				
400 V (+6% -10%)				50 LVF : 75 kVA 75 LVF : 100 kVA				



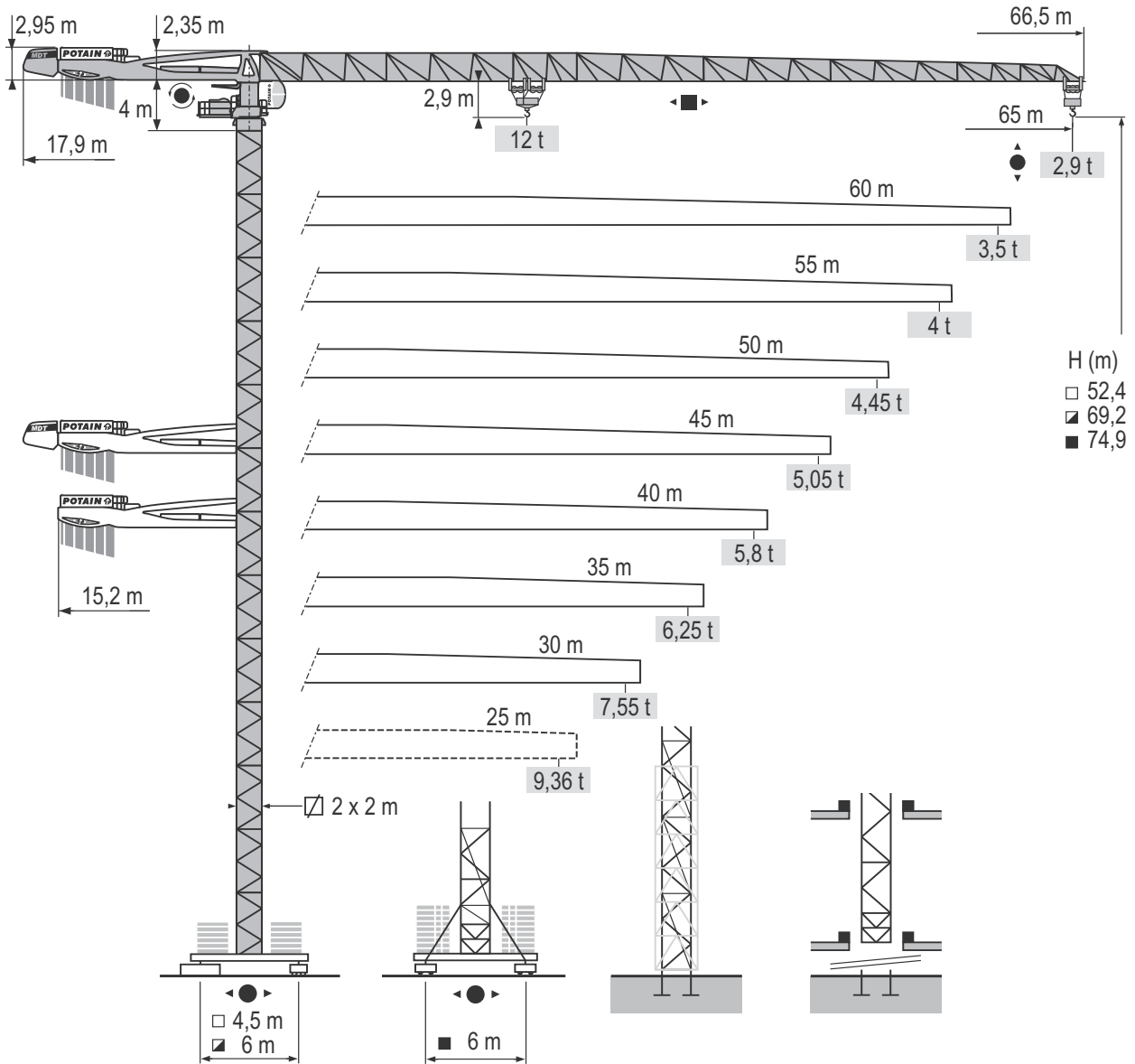
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MDT 268

metric dimensions

MDT 268 J12

15



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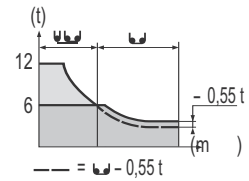
MDT 268

metric load charts

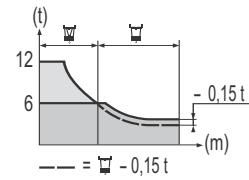
MDT 268 J12

16

	65 m	3,1 ▶	18,4	20	22	25	27	30	32	33	35,5	37	40	42	45	47	50	52	55	57	60	62	65	m
			12	10,9	9,8	8,4	7,7	6,7	6,2	6	6	5,7	5,2	4,9	4,6	4,3	4	3,8	3,6	3,4	3,2	3,1	2,9	t
	60 m	3,1 ▶	19,6	20	22	25	27	30	32	35	35,3	37,9	40	42	45	47	50	52	55	57	60	m		
			12	11,7	10,5	9,1	8,3	7,3	6,8	6,1	6	6	5,6	5,3	4,9	4,7	4,4	4,2	3,9	3,7	3,5	t		
	55 m	3,1 ▶	20,1	22	25	27	30	32	35	36,1	38,8	40	42	45	47	50	52	55	m					
			12	10,8	9,3	8,5	7,5	7	6,2	6	6	5,8	5,5	5,1	4,8	4,5	4,3	4	t					
	50 m	3,1 ▶	20	22	25	27	30	32	34	35,9	38,6	40	42	45	47	50	m							
			12	10,7	9,3	8,5	7,5	6,9	6,4	6	6	5,8	5,4	5	4,8	4,45	t							
	45 m	3,1 ▶	20	22	25	27	30	32	35	36	38,7	40	42	45	m									
			12	10,8	9,3	8,5	7,5	6,9	6,2	6	6	5,8	5,5	5,05	t									
	40 m	3,1 ▶	20,1	22	25	27	30	32	35	36,1	38,8	40	m											
			12	10,8	9,3	8,5	7,5	7	6,2	6	6	5,8	t											
	35 m	3,1 ▶	20,1	22	25	27	30	32	35	m														
			12	10,8	9,3	8,5	7,5	7	6,25	t														
	30 m	3,1 ▶	20,2	22	25	27	30	m																
			12	10,9	9,4	8,6	7,55	t																
	25 m	3,1 ▶	20,2	22	25	m																		
			12	10,9	9,36	t																		



	65 m	2,4 ▶	18,6	20	22	25	27	30	32	33,4	34,1	35	37	40	42	45	47	50	52	55	57	60	62	65	m
			12	11	9,9	8,5	7,8	6,8	6,3	6	6	5,8	5,4	4,9	4,6	4,3	4	4,1	3,9	3,6	3,4	3,2	3,1	2,9	USt
	60 m	2,4 ▶	19,7	20	22	25	27	30	32	35	35,6	36,3	37	40	42	45	47	50	52	55	57	60	m		
			12	11,8	10,6	9,1	8,3	7,4	6,8	6,1	6	6	5,9	5,3	5	4,6	4,4	4,1	3,9	3,6	3,4	3,2	t		
	55 m	2,4 ▶	20,2	22	25	27	30	32	35	36,4	37,2	40	42	45	47	50	52	55	m						
			12	10,9	9,4	8,6	7,6	7	6,3	6	6	5,5	5,2	4,8	4,5	4,2	4	3,7	t						
	50 m	2,4 ▶	20,1	22	25	27	30	32	35	36,2	37	40	42	45	47	50	m								
			12	10,8	9,3	8,5	7,5	7	6,3	6	6	5,5	5,2	4,7	4,5	4,15	t								
	45 m	2,4 ▶	20,1	22	25	27	30	32	35	36,3	37,1	40	42	45	m										
			12	10,8	9,4	8,6	7,6	7	6,3	6	6	5,5	5,2	4,75	t										
	40 m	2,4 ▶	20,2	22	25	27	30	32	35	36,4	37,2	40	m												
			12	10,9	9,4	8,6	7,6	7	6,3	6	6	5,5	t												
	35 m	2,4 ▶	20,2	22	25	27	30	32	35	m															
			12	10,9	9,4	8,6	7,6	7	6,3	t															
	30 m	2,4 ▶	20,2	22	25	27	30	m																	
			12	10,9	9,4	8,6	7,6	t																	
	25 m	2,4 ▶	20,2	22	25	m																			
			12	10,9	9,41	t																			



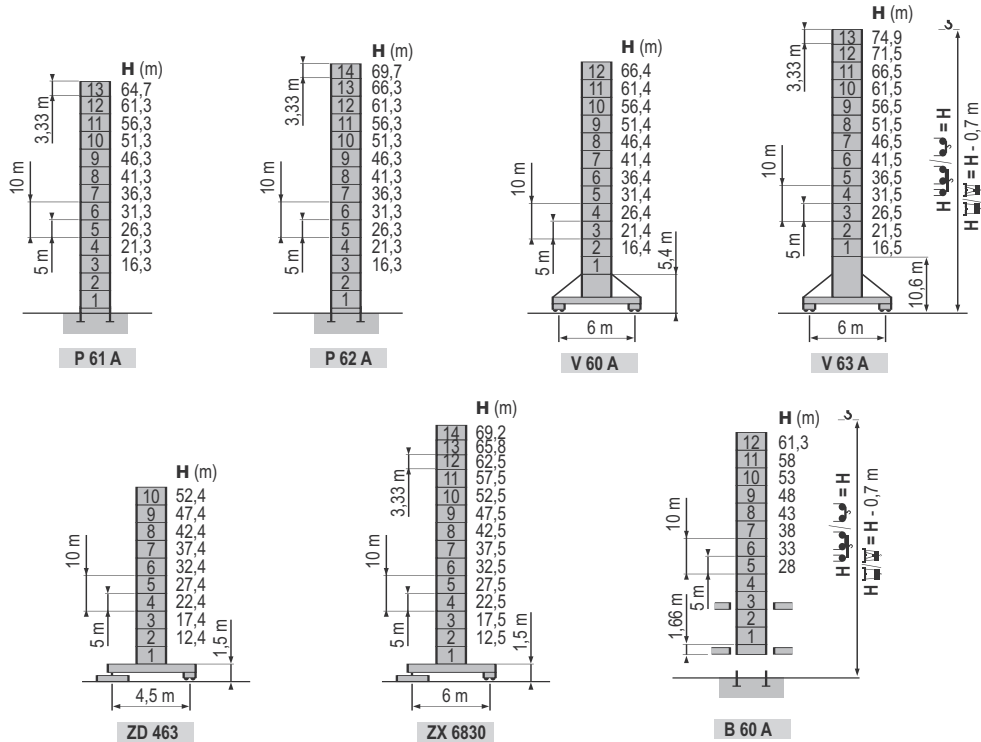
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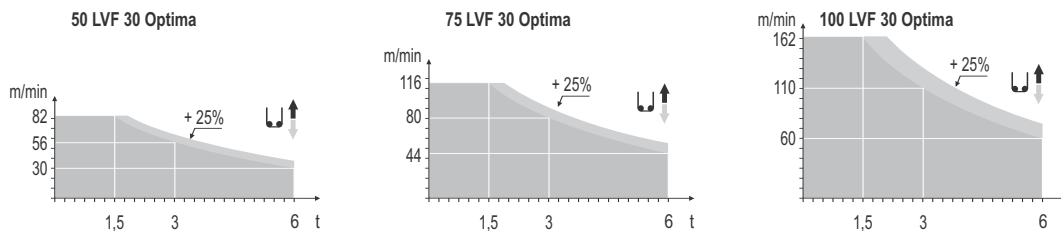
mast & mechanisms

MDT 268 J12

17



										ch - PS	kW						
	50 LVF 30 Optima	m/min	2,6	10	30	40	56	82	1,3	5	15	20	28	41	50	37	337 m
		t	6	6	6	4,5	3	1,5	12	12	12	9	6	3	75	55	766 m
	75 LVF 30 Optima	m/min	3,8		44	56	80	116	1,9		22	28	40	58	100	75	941 m
		t	6		4,5	3	1,5	12		12	9	6	3	75	55	766 m	
	100 LVF 30 Optima	m/min	0		60	80	110	162	0		30	40	55	81	100	75	941 m
		t	6		4,5	3	1,5	12		12	9	6	3	75	55	766 m	
	RVF 162 Optima +	tr/min U/min - rpm	0 → 0,8									2 x 7,5	2 x 5,5				
	6 DVF 4	m/min	0	→ 50 (12 t) - 0	→	100 (6 t) - 0	→	120 (3 t)						5,5	4		
	V 60 A RT 544 A1 - 2V R 13 m	m/min	13,5 - 27									4 x 7	4 x 5,2				
	V 63 A	i															
	ZD 463 RT 443 A1 - 2V	m/min	15 - 30									4 x 5	4 x 3,7				
	ZX 6830 RT 544 A1 - 2V	m/min	13,5 - 27									6 x 7	6 x 5,2				
CEI 38			IEC 38			kVA											
400 V (+6% -10%)			50 LVF : 75 kVA - 75 LVF : 100 kVA - 100 LVF : 125 kVA														



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symbols glossary

18



Anchor Stools



Counter Jib



Jib



Swing



Anemometer



Cross-Shaped Base



Jib Extension



Traveling



Ballast



Curve Track Traveling Equipment



Mast



Traversing Trolley



Cab



Electrical Requirement



Reeving 2-Part



Traversing Trolley & Load Diagrams



Chassis



Hoist



Reeving 4-Part



Trolley



Climbing Equipment



Hoisting Mechanism



Straight Track Traveling Equipment



Weight in Base Ballast



Controls



Hydraulic Equipment

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Portugal

Baltar

Fânzeres

Slovakia

Saris

U.S.A.

Manitowoc

Port Washington

Shady Grove

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