

MRT & MRT-X 3255

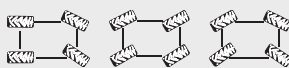
PRIVILEGE +

TECHNICAL DATA SHEET



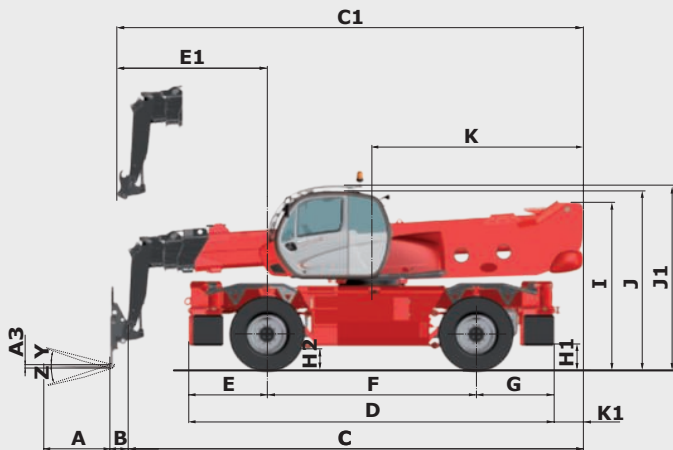
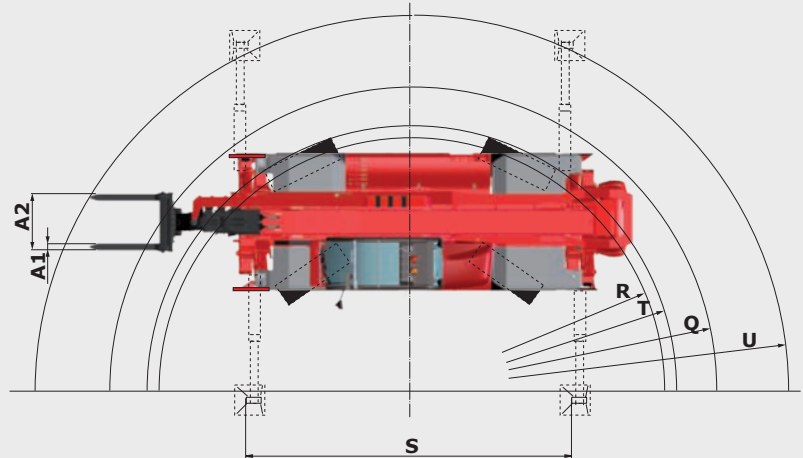
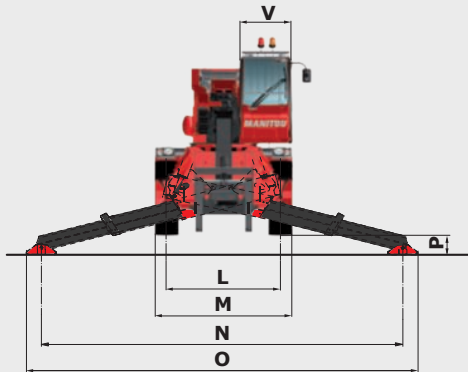
MRT & MRT-X 3255

PRIVILEGE +

	MRT 3255 Privilege +	MRT-X 3255 Privilege +
Lifting		
Max. capacity with forks at 600 mm LC (on stabilizers)	5 500 kg	
Max. capacity with winch 7200 Kg (on stabilizers)	7 200 kg	
Max. lifting height	31.60 m	
Max. outreach	27.20 m	
Tyres	17.5/R25	
Suspension / Frame levelling	Electronically controlled hydropneumatic suspension	
Lateral frame levelling	+/- 8°	
Longitudinal frame levelling	+/- 3°	
	Oscillating rear axle with automatic hydraulic lock when rotated (> 15°)	
Stabilizers	4 Triplex telescopic Simultaneously or individually controlled	
Full, continuous rotation	Turret mounted on a double slewing with internal gearing / slewing system with negative brake	
Braking		
Service brake	Oil-bath multiple-disc brakes hydraulically assisted on both axles	
Parking brake	Automatic Negative Parking brake	
Engine	MERCEDES	
Type	OM 934 LA.E4-1 (Stage IV / Tier IV final)	OM 924 LA.E3A/1 (Stage IIIa / Tier III)
Displacement	4 cylinders 5.1 liters	4 cylinders 4.8 liters
Power	231 HP / 170 kW	197 HP / 145 kW
Max. torque	900 Nm / 1200-1600 rpm	705 Nm / 1200-1600 rpm
Batteries	24 V: 2 x 12 V - 120 Ah - 850 A	
Laden drawbar pull	10 500 daN	
Gradability	40%	
	Continuous Variable Transmission DANA 319 Permanent 4 wheel drive	
Transmission	4 wheel steer - 3 Steering Modes	
Steering mode		
Max. travel speed (may vary according to applicable regulations)	40 kph	
Controls	2 Joysticks multi - functions	
Hydraulics		
Load sensing Pump	210 l/min - 350 bar Axial piston variable pump	
Capacities		
Urea (AdBlue® type)	54 l	-
Hydraulic oil	297 l	
Fuel	361 l	
Unladen weight (with forks)	23 986 kg	
Dimensions		
Overall width	2.50 m	
Overall width (stabilizers extended)	7.10 m	
Overall height	3.20 m (+/- 0.078 m)	
Overall length to carriage	8.50 m	
Ground clearance	0.42 m (+/- 0.078 m)	
Turning radius (over tyres)	4.91 m	
Standard forks (length x width x thickness)	1200 x 150 x 60 mm	
Safety	Load monitoring system - (crane norms) Attachment recognition system (E-Reco)	
Noise and vibration		
Noise at driving position (LpA)	80 dB	
Environmental noise (LwA)	106 dB	
Vibration to whole hand/arm	<2.5 m/s²	

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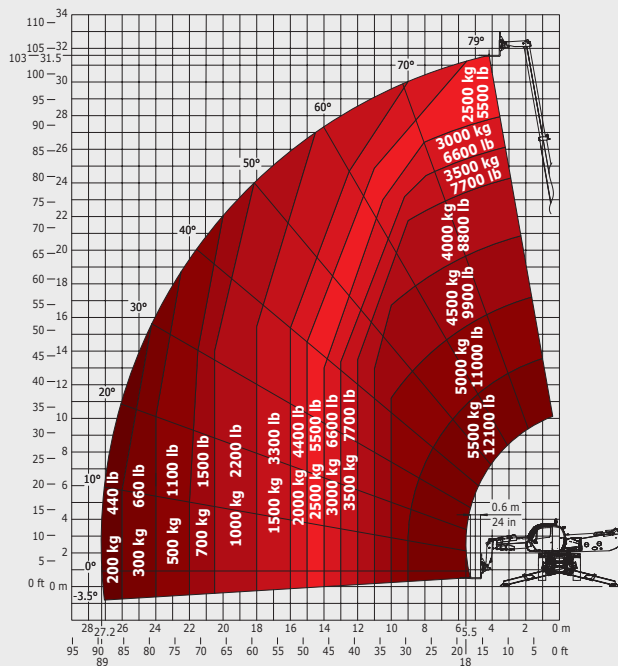
PRIVILEGE +



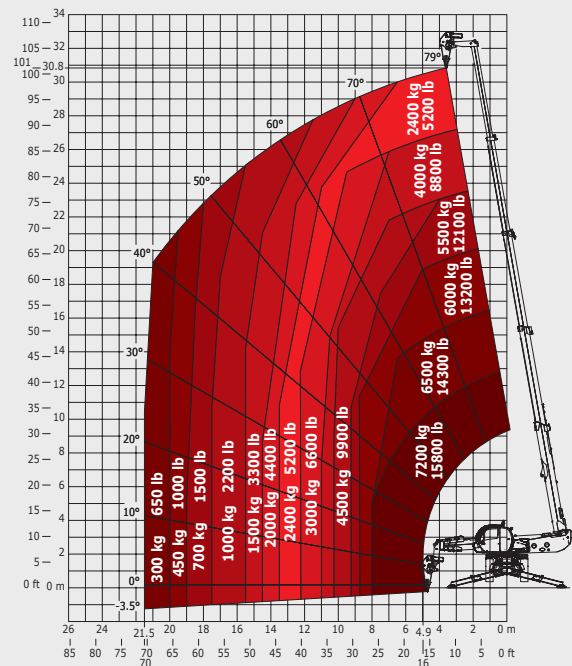
mm	MRT/MRT-X 3255
A	1200
A1	130
A2	1028
A3	60
B	383
C	8114
C1	8412
D	6568
E	1409
F	3750
G	1409
H1	431
H2	420
I	3002
J	3205
J1	3306
K	3803
K1	519

mm	MRT/MRT-X 3255
L	2064
M	2499
N	6490
O	7100
P	350
P2	14
P3	20
P4	20
Q	5560
R	4690
S1	5945
S2	6490
T	4910
U	7000
V	933
Y	12°
Z	105°

Rotation on extended stabilizers with forks



Rotation on extended stabilizers with 7200 kg winch



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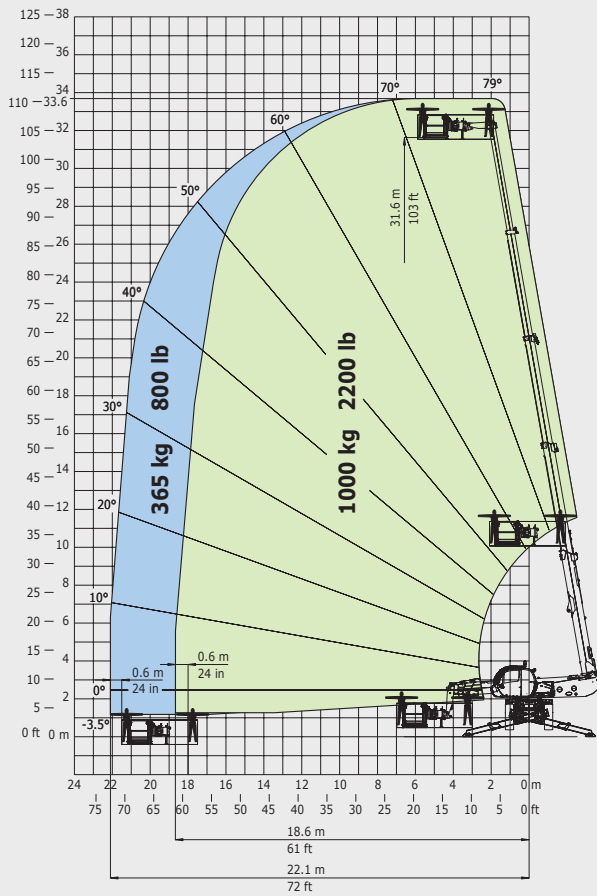
MANITOU BF SA - Limited company with board of directors - Share capital: 39,547,824 euros - 857 802 508 RCS Nantes



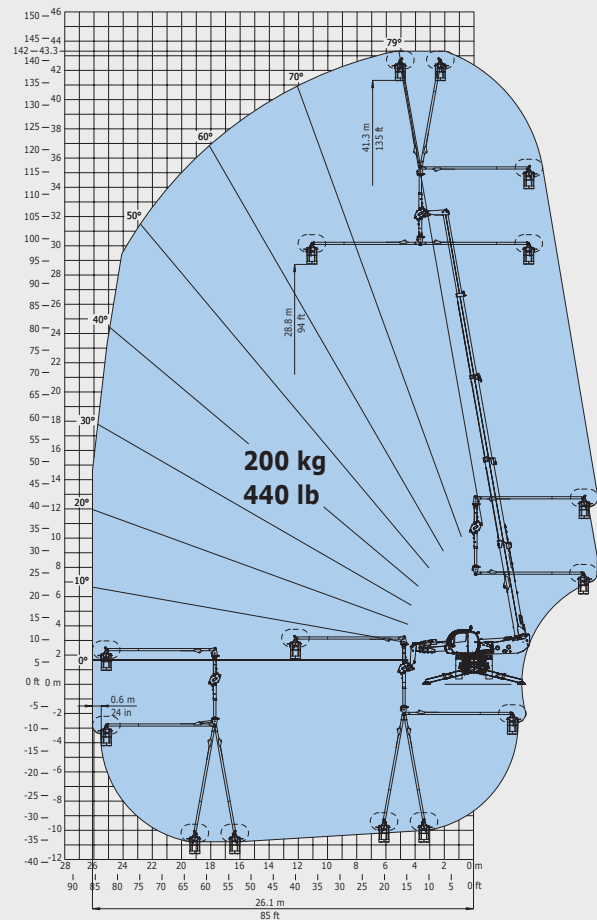
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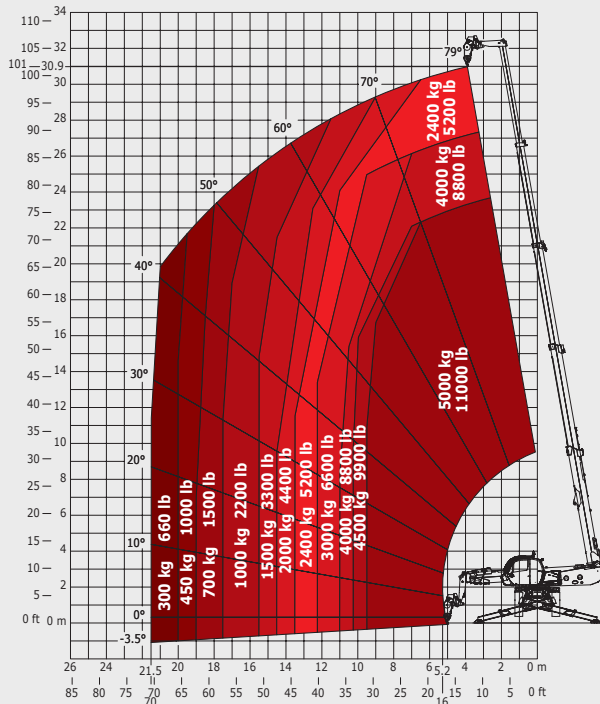
**Rotation on extended stabilizers
with 365/1000 kg platform**



**Rotation on extended stabilizers
3D positive / négative**



**Rotation on extended stabilizers
with 5000 kg winch**



**Rotation on extended stabilizers
with 1500 kg jib**

