MRT PRIVILEGE

TECHNICAL DATA SHEET



MANITOU

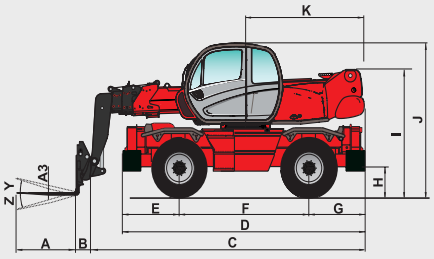
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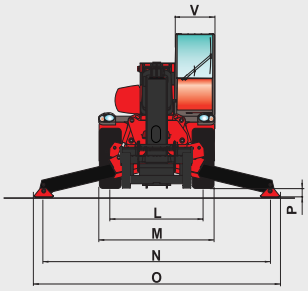
Choice of 4 models

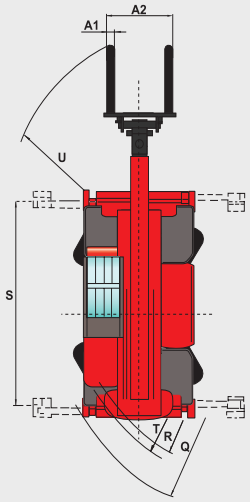


MRT PRIVILEGE

	MRT 1850 + -	MRT 2150 + MRT-X 2150 +	MRT 2540 + MRT-X 2540 +	MRT 3050 MRT-X 3050
Lifting capacity (on stabilizers) 500 mm from heel of forks	4999 kg	4999 kg	4000 kg	4999 kg
Lifting height	17.90 m	20.60 m	24.60 m	29.70 m
Tyres	18 - 22.5			17.5 R25
Forks (mm)				
Length x width x thickness	1200 x 150 x 50			
Braking				
Service brakes	oil-bath multiple-disc brakes hydraulically assisted on both axles			
Parking brake	negative			
Engine	MERCEDES-BENZ			PERKINS
Type	OM 904 LA (EURO 3)			1106DE66TA (EURO 3)
Capacity	4 cyl. - 4250 cm^3			6 cyl. - 6600 cm^3
Power (ISO/TR 14396)	150 HP/110 kW			216 HP/159 kW
Maximum torque	from 1200 to 1600 rpm: 580 Nm			at 1400 rpm: 932 Nm
Cooling	water			
Injection	direct			
Transmission	hydrostatic with power regulation (variable-displacement pump and hydrostatic motor)			
Reversing shift	electromagnetic			
Number of gears (forward/reverse)	2/2			powershift
Max. travel speed	36 km/h**			40 km/h**
Levelling system	on front axle +/- 8° (15%)			lateral (8°) and longitudinal (3°) levelling system
	oscillating rear axle with automatic hydraulic lock-out on rotation (+/- 7.5°)			
Suspension	-			electronically controlled hydropneumatic
4 stabilizers	duplex telescopic			triplex telescopic
	simultaneously or individually controlled			
Full, continuous rotation	turret mounted on a double slew ring with internal gearing / slewing system with negative brake			
Hydraulics				
Piston pump: variable displacement (load sensing)	-			165 l/min - 270 bar
Gear pump	3 pumps 160l/min - 270 bar			74 l/min - 220 bar
Controls	2 electro-hydraulic proportional control joysticks for all movements			
Capacities				
Cooling system	18 l			26 l
Engine oil	15 l			15.5 l
Hydraulic oil	200 l			285 l
Fuel tank	230 l			310 l
Unladen weight (with forks)	15350 kg	16095 kg	17165 kg	22860 kg
Width overall	2.43 m			2.50 m
Height overall	3.11 m			3.26 m*
Length overall	6.06 m	6.78 m	7.82 m	8.10 m (without forks)
Ground clearance	0.37 m			0.42 m
Drawbar pull	8200 daN			10500 daN
Noise at driving position (LpA)	79.7 dB			
Environmental noise (LwA)	104 dB			106 dB
Vibration to whole hand/arm	< 2.5 m/s^2			
Safety	standard load moment indicator (mobile crane standard)			







mm	MRT 1850	MRT 2150	MRT 2540	MRT 3050
A	1200			
A1	150			
A2	1320			
A3	50			
B	290			320
C	5770	6490	7530	7783
D	5050			6787
E	1155			1409
F	2750			3750
G	1155			1628
H	380			420*
I	2485			3035*
J	3110			3260*
K	2485		2985	3500
K1	-	-	485	218
L	1930			2060
M	2425			2498
N	4700			6490
O	5100			7100
P	150			350*
Q	4500			5560
R	3800			4690
S	4550			5945
T	4040			4910
U	5640	6230	6700	7000
V	950			923
Y	12°			
Z	105°			

This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.
MANITOU BF SA - Limited company with board of directors - Share capital: 39,547,824 euros - 857 802 508 RCS Nantes

* Intermediate suspension position ± 78 mm
** Speed limit subject to local legislation.

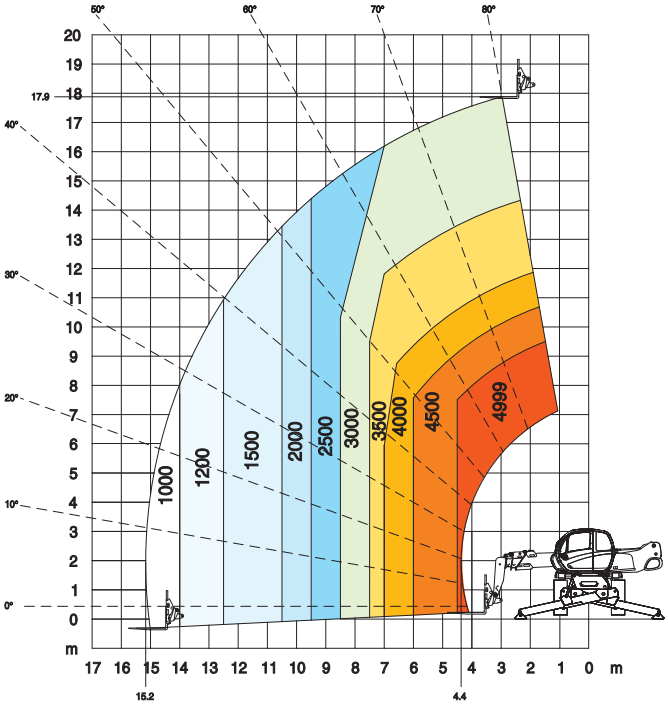
Note: MRT / MRT-X available depending on the geographical area and the legislation in force.

MRT 1850 + Privilege

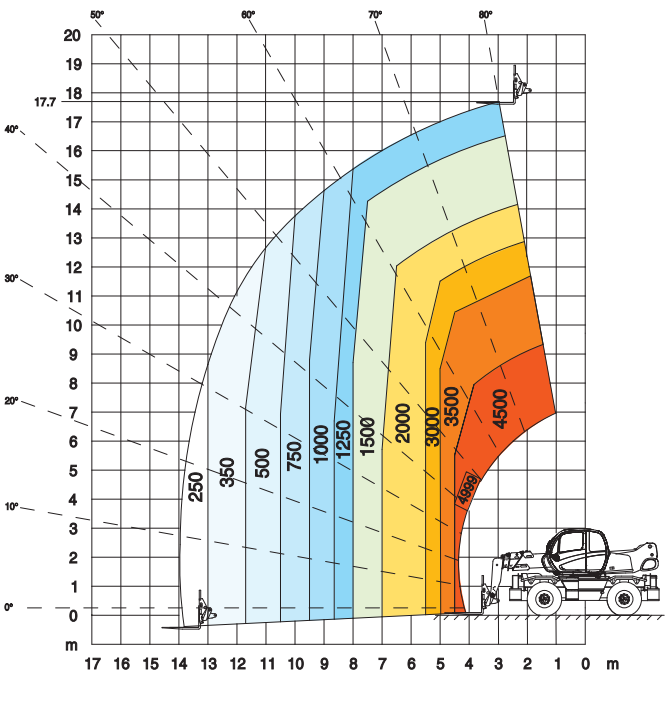




Rotation on extended stabilizers
with forks



Frontal on wheels
with forks

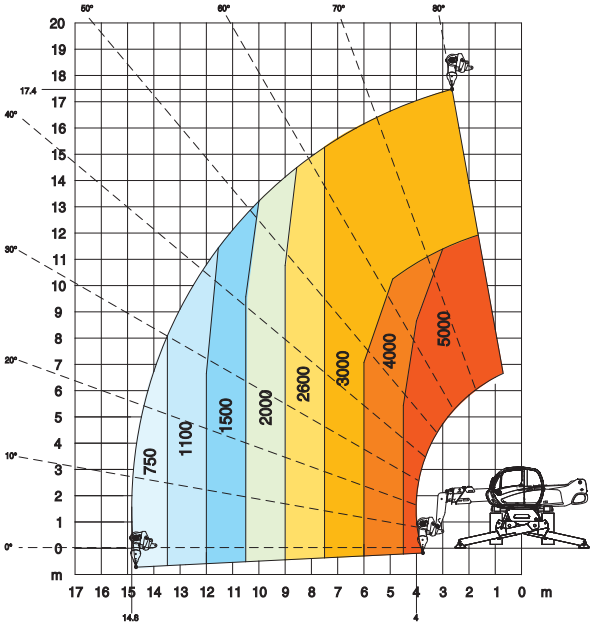


Rock-solid efficiency

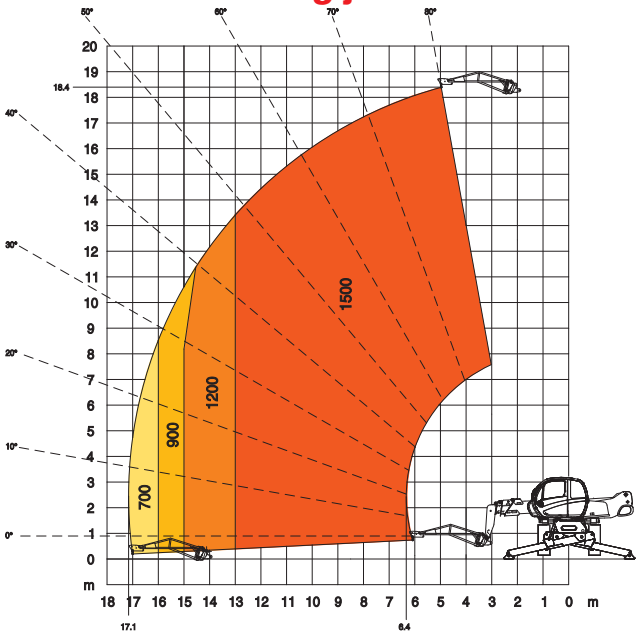




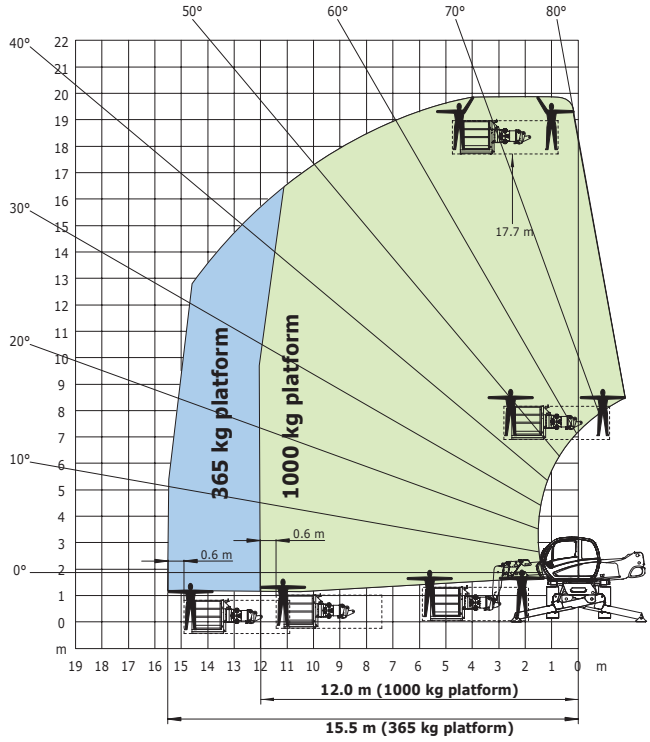
Rotation on extended stabilizers
with 5000 kg winch



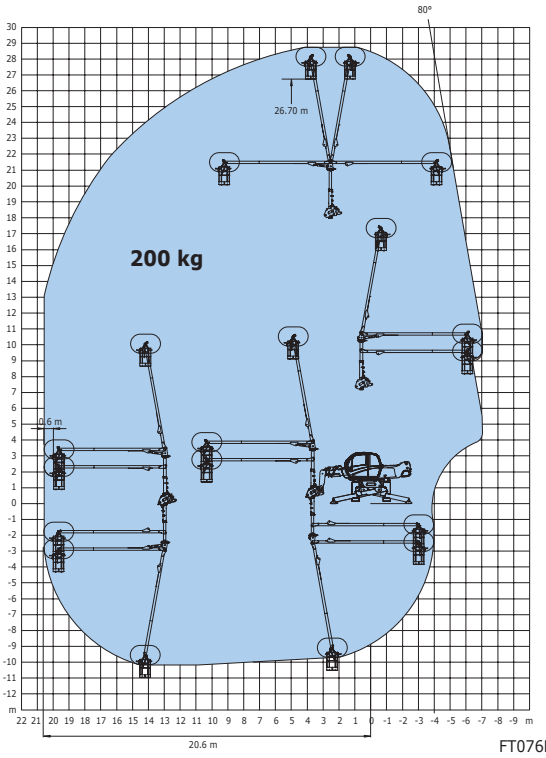
Rotation on extended stabilizers
with 1500 kg jib



Rotation on extended stabilizers
with 365/1000 kg platform



Rotation on extended stabilizers
3D positive/negative



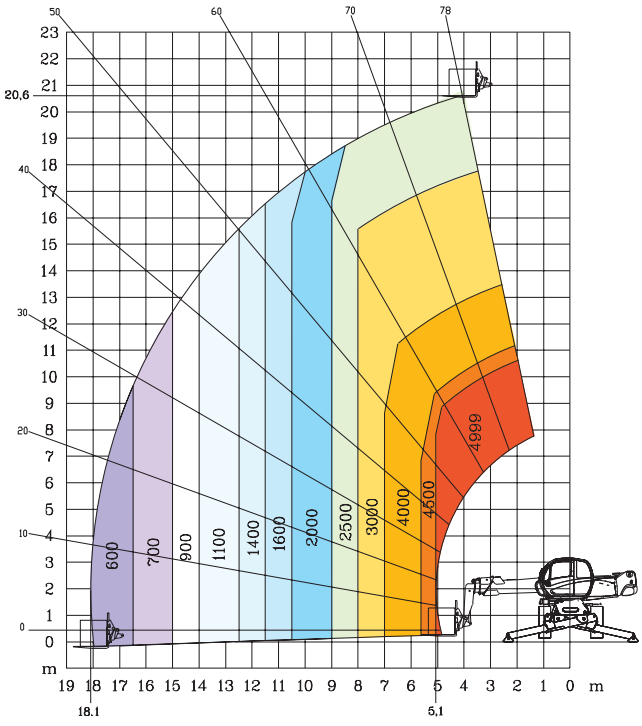
// MRT 1850 +

MRT 2150 + Privilege

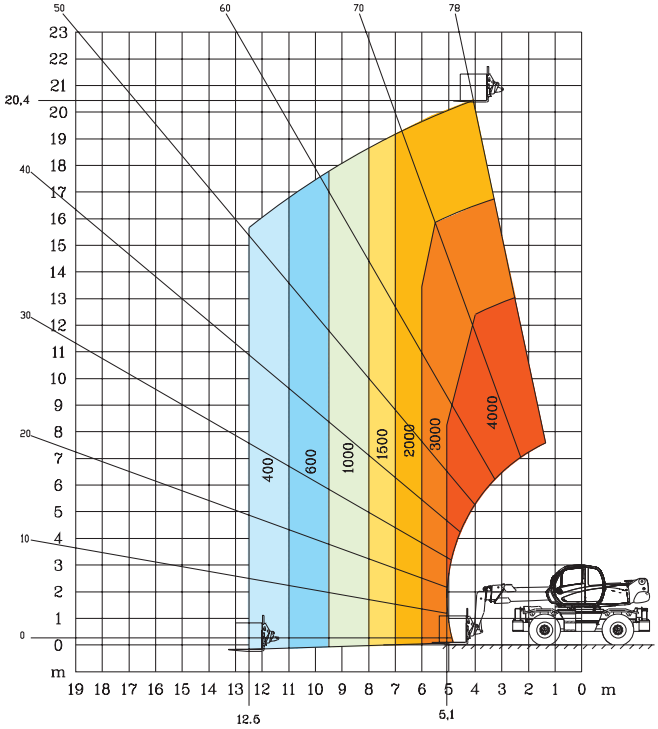




Rotation on extended stabilizers
with forks



Frontal on wheels
with forks

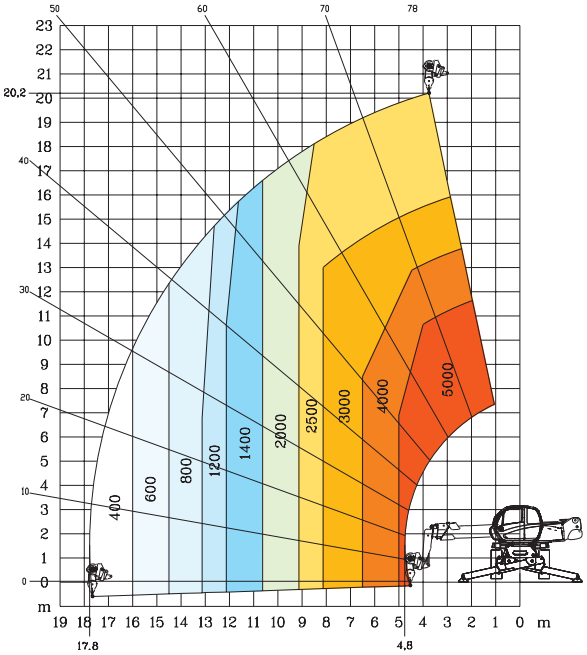


Rock-solid efficiency

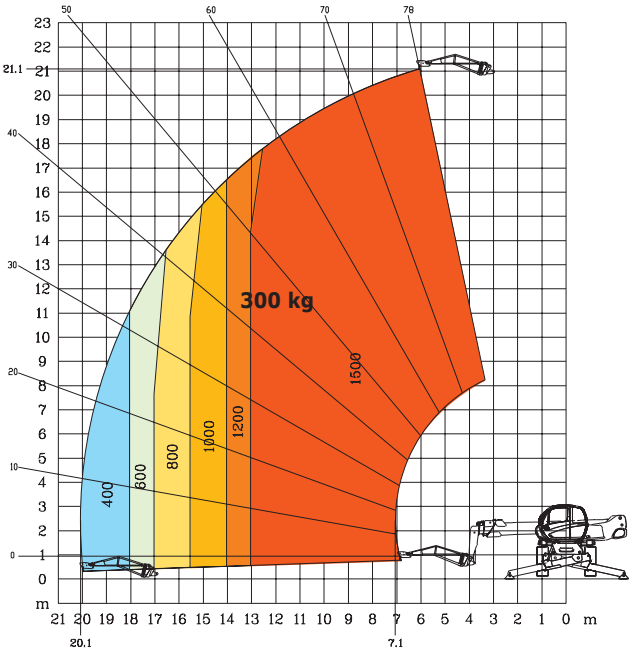




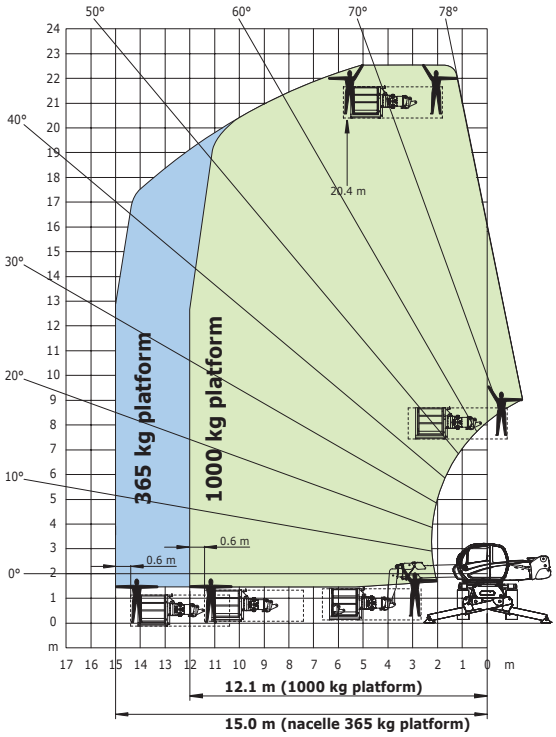
Rotation on extended stabilizers with 5000 kg winch



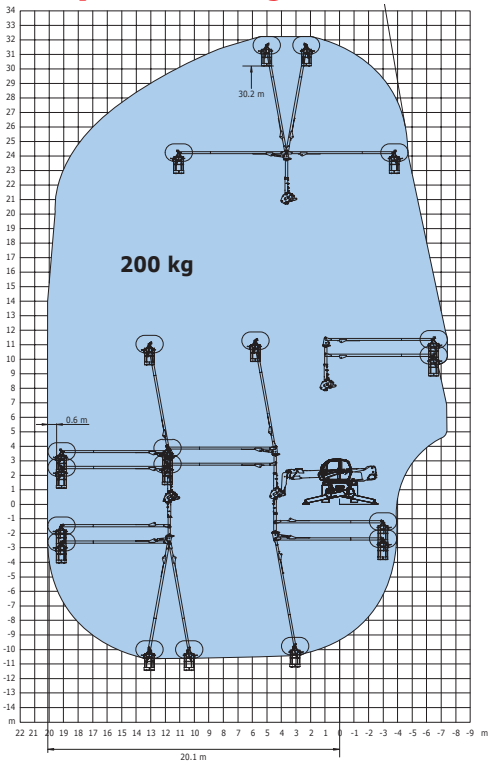
Rotation on extended stabilizers with 1500 kg jib



Rotation on extended stabilizers with 365/1000 kg platform



Rotation on extended stabilizers 3D positive/negative



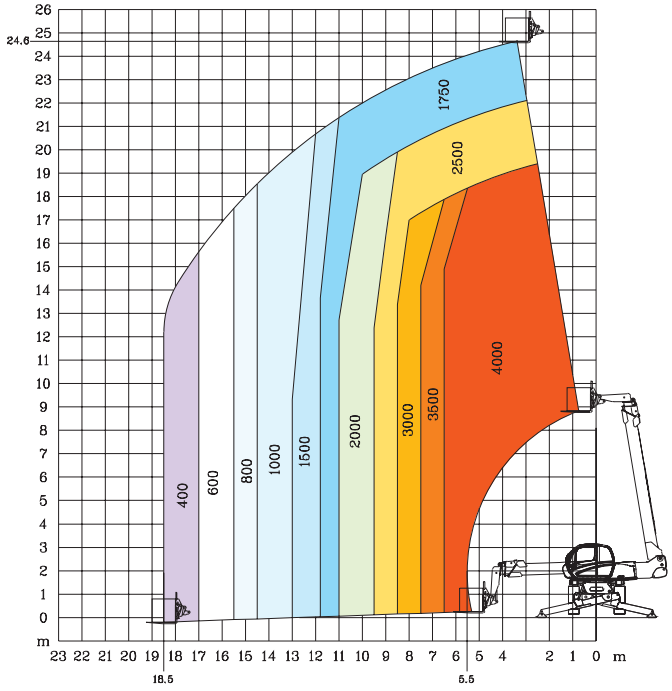
// MRT 2150 +

MRT 2540 + Privilege

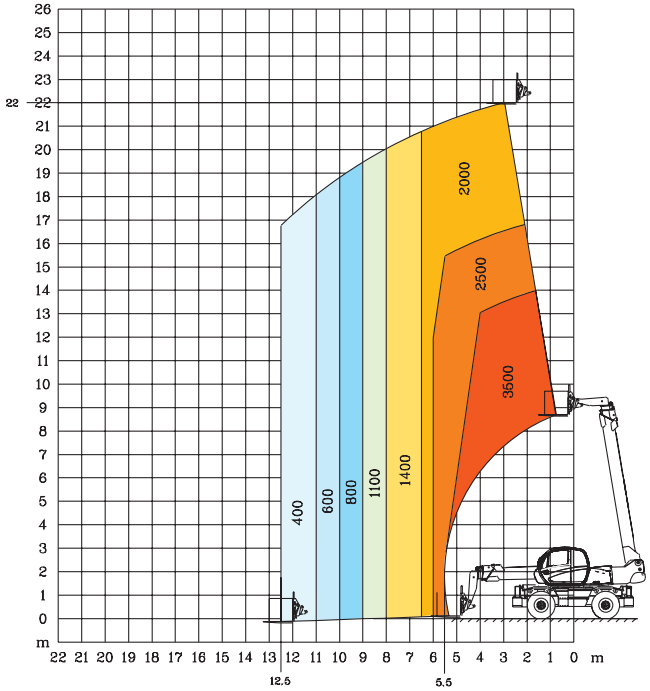




Rotation on extended stabilizers
with forks



Frontal on wheels
with forks

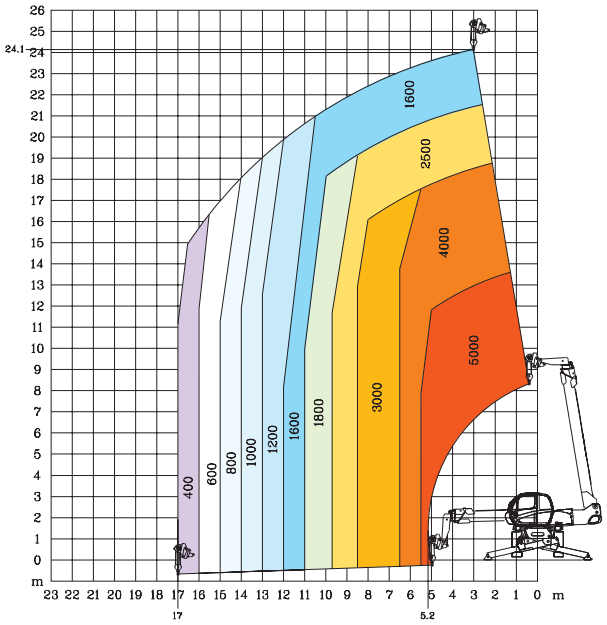


Rock-solid efficiency

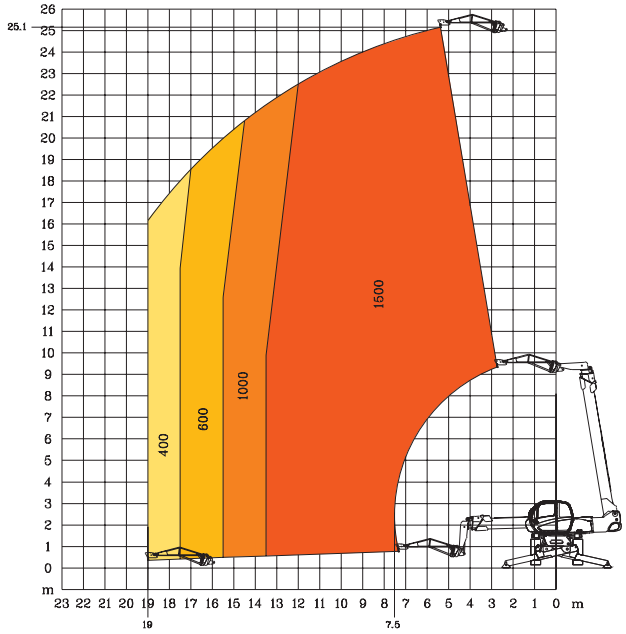




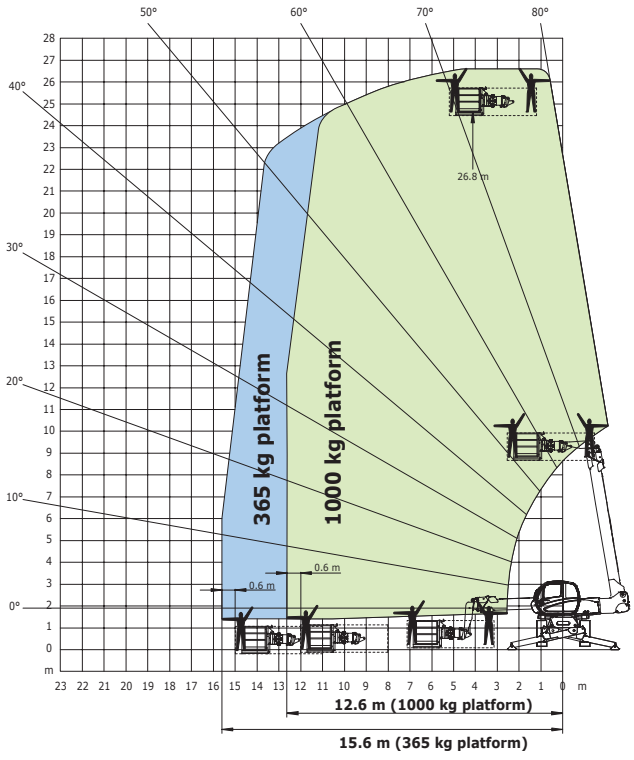
Rotation on extended stabilizers with 5000 kg winch



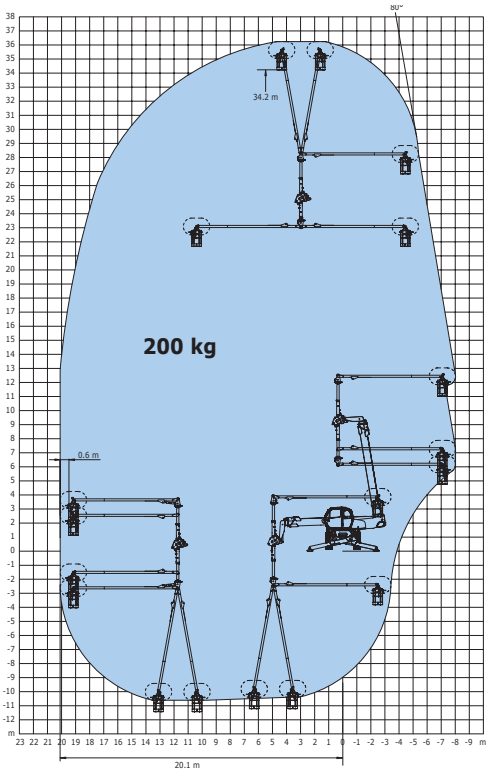
Rotation on extended stabilizers with 1500 kg jib



Rotation on extended stabilizers with 365/1000 kg platform



Rotation on extended stabilizers 3D positive/negative



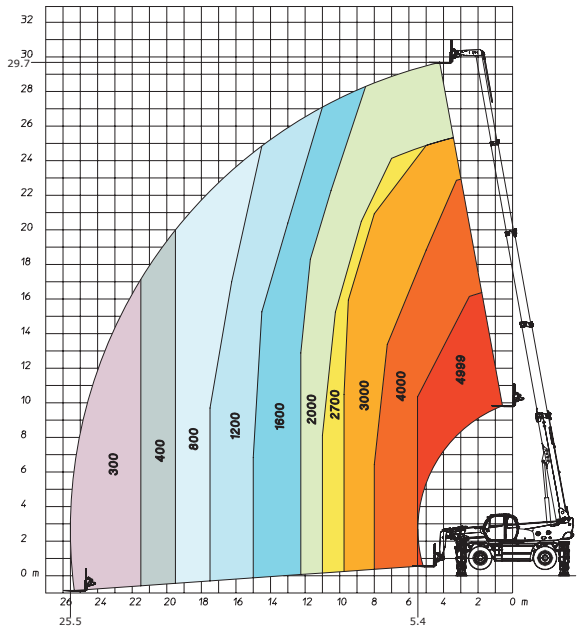
// MRT 2540 +

MRT 3050 Privilege

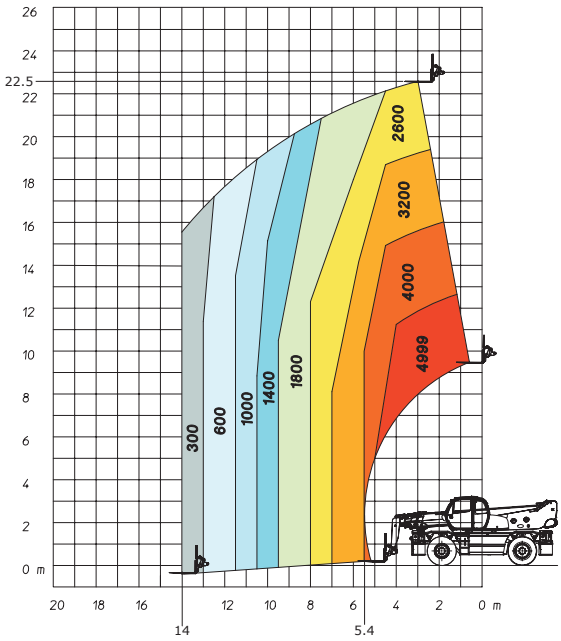




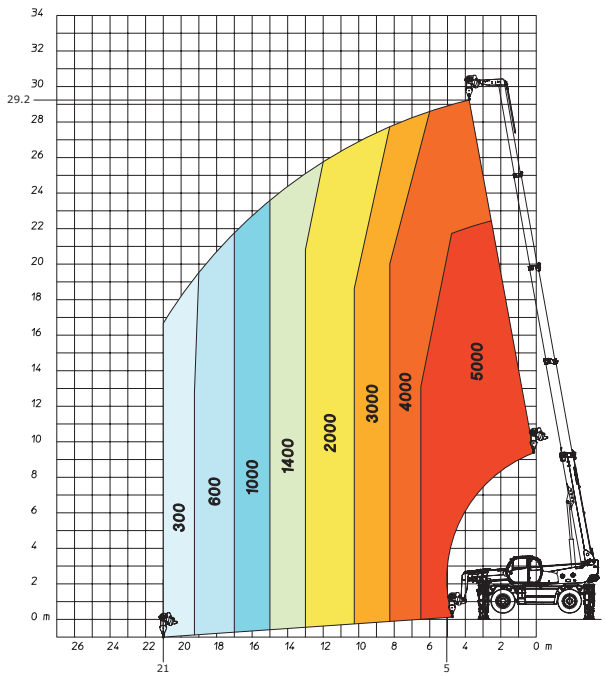
Rotation on extended stabilizers with forks



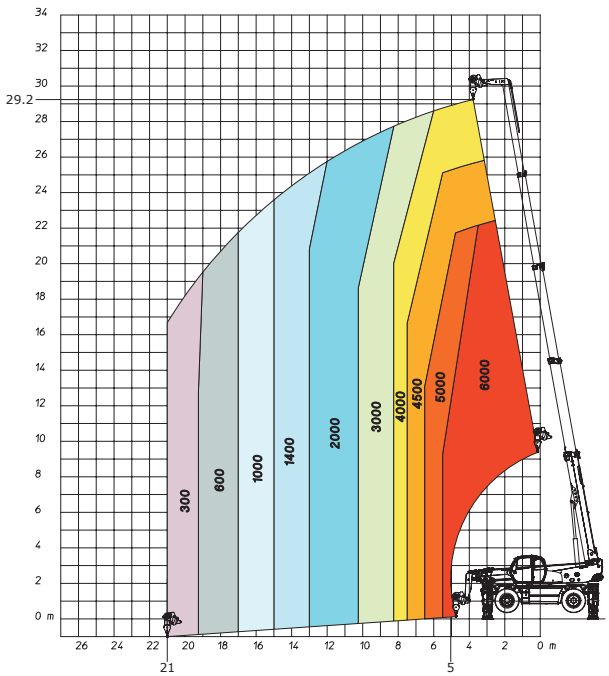
Frontal on wheels with forks



Rotation on extended stabilizers with winch 5000 kg



Rotation on extended stabilizers with winch 6000 kg

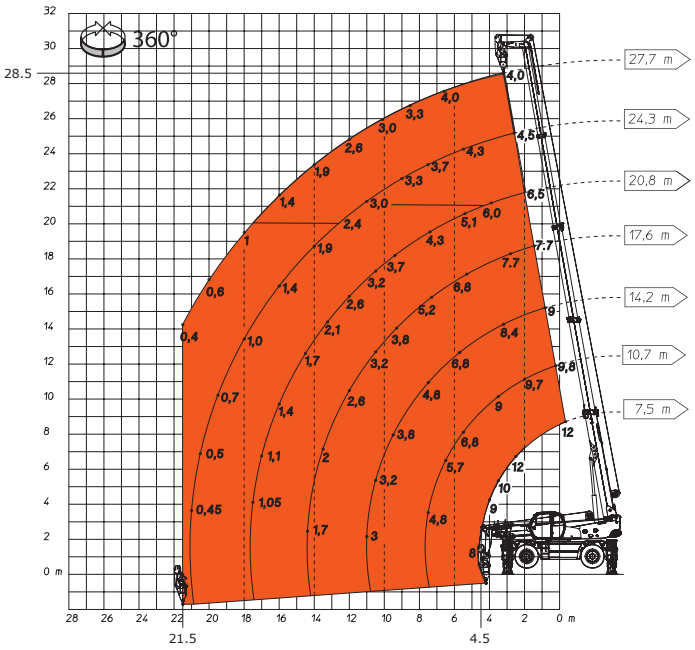


Rock-solid efficiency

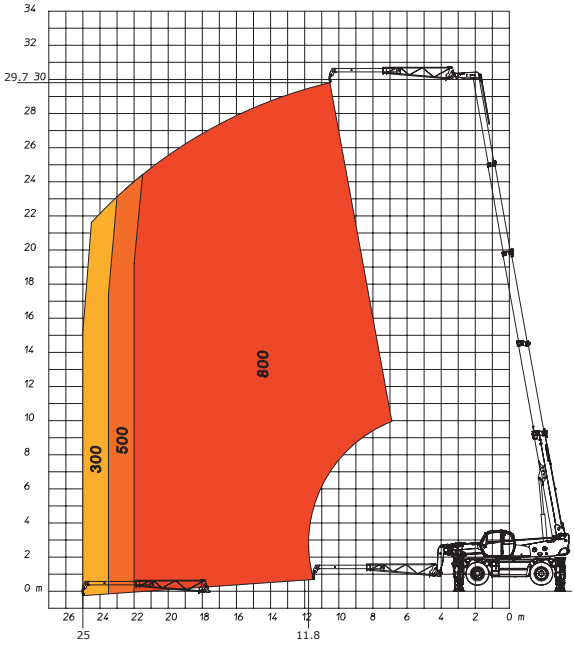




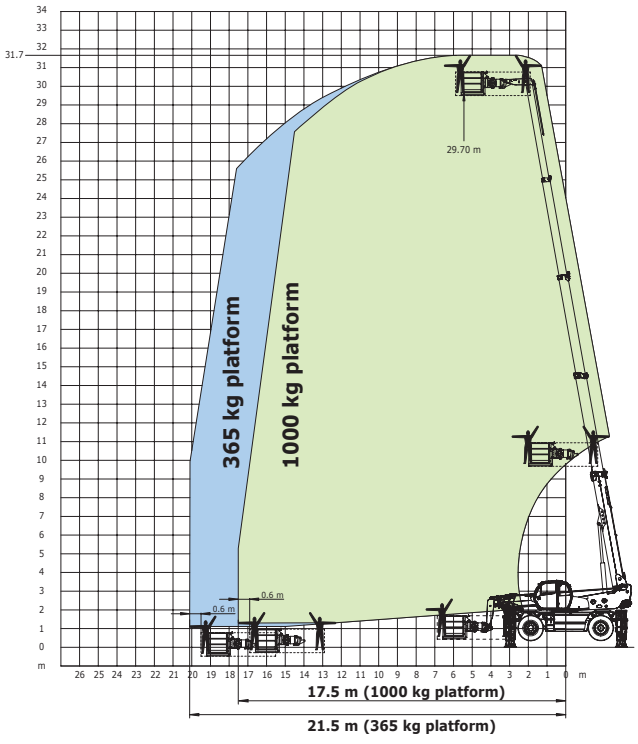
Rotation on extended stabilizers with 12000 kg winch



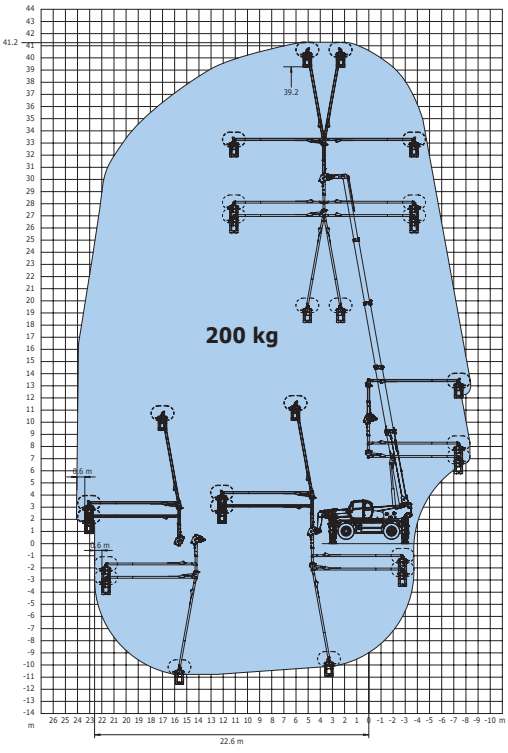
Rotation on extended stabilizers with P800 jib



Rotation on extended stabilizers with 365/1000 kg platform



Rotation on extended stabilizers 3D positive/negative



// MRT 3050

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