MRT PRIVILEGE +

The 360° HANDLING solution

MANITOU

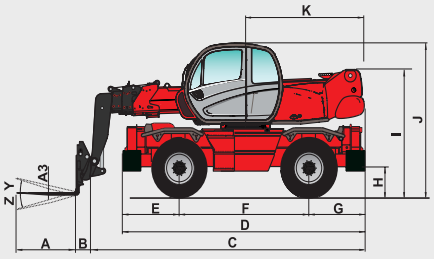
www.manitou.com

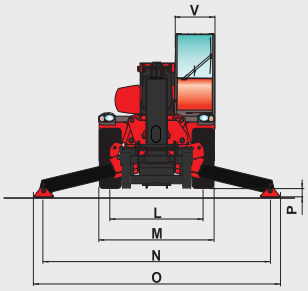
Choice of 3 models

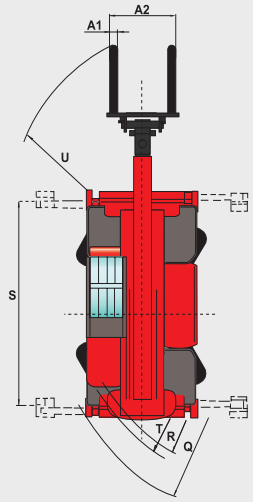
"I choose the model best suited to my jobs"

MRT PRIVILEGE +

	MRT 1850 + / -	MRT 2150 + / MRT-X 2150 +	MRT 2540 + / MRT-X 2540 +
Lifting capacity (on stabilizers) 500 mm from heel of forks	4999 kg	4999 kg	4000 kg
Lifting height	17.90 m	20.60 m	24.60 m
Tyres	445/65 R 22.5		
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		
Type	OM 904 LA (EURO 3)		
Capacity	4 cyl. - 4250 cm^3		
Power (ISO/TR 14396)	150 HP/110 kW		
Maximum torque	from 1200 to 1600 rpm: 580 Nm		
Cooling	water		
Injection	direct		
Transmission	hydrostatic with power regulation (variable-displacement pump and hydrostatic motor)		
Reversing shift	électromagnetic		
Number of gears (forward/reverse)	2/2		
Max. travel speed	36 km/h**		
Levelling system	on front axle +/- 8° (15%)		
	oscillating rear axle with automatic hydraulic lock-out on rotation (+/- 7.5°)		
Suspension	-		
4 stabilizers	duplex 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)	-		
Gear pump	160l/mn - 270 bar		
Controls	2 electro-hydraulic proportional control joysticks for all movements		
Capacities			
Cooling system	18 l		
Engine oil	15 l		
Hydraulic oil	200 l		
Fuel tank	230 l		
Unladen weight (with forks)	15350 kg	16410 kg	17165 kg
Width overall	2.43 m		
Height overall	3.05 m		
Length overall	6.06 m	6.78 m	7.82 m
Ground clearance	0.38 m		
Drawbar pull	8200 daN		
Noise at driving position (LpA)	79.7 dB		
Environmental noise (LwA)	104 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
A	1200		
A1	150		
A2	1320		
A3	50		
B	290		
C	5770	6490	7530
D	5050		
E	1155		
F	2750		
G	1155		
H	380		
I	2485		
J	3070		
K	2485		2985
K1	-	-	485
L	1930		
M	2425		
N	4700		
O	5100		
P	150		
Q	4500		
R	3800		
S	4550		
T	4040		
U	5640	6230	6700
V	950		
Y	12°		
Z	105°		

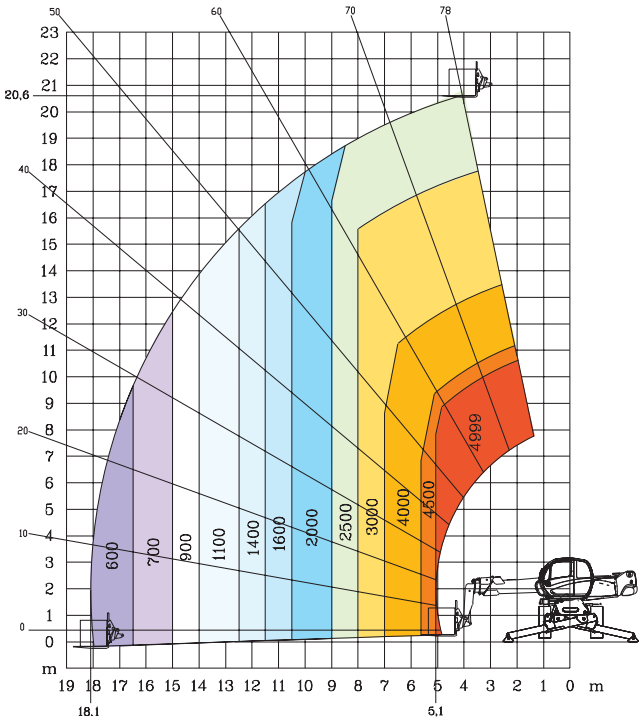
This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described 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.

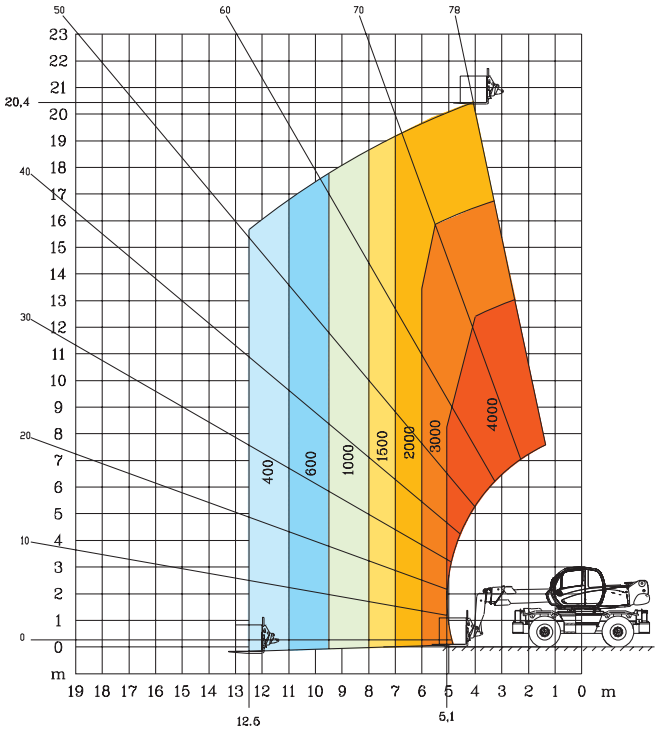
Note: MRT / MRT-X available depending on the geographical area and the legislation in force.

MRT 2150 + Privilege

Rotation on extended stabilizers
with forks

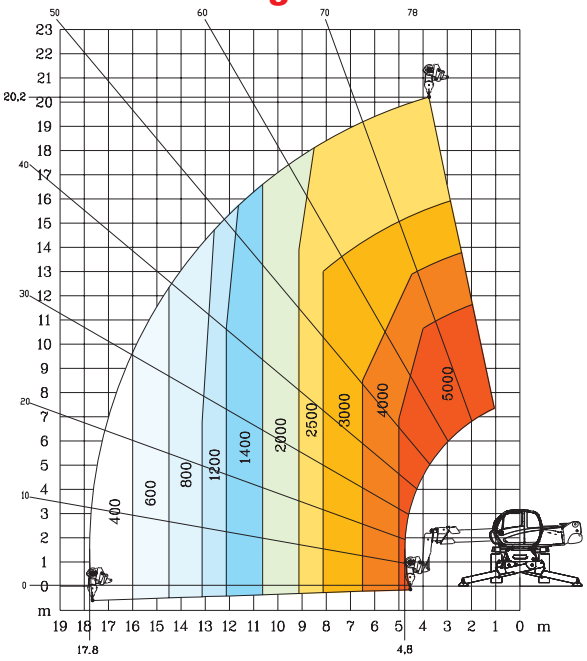


Frontal on wheels
with forks

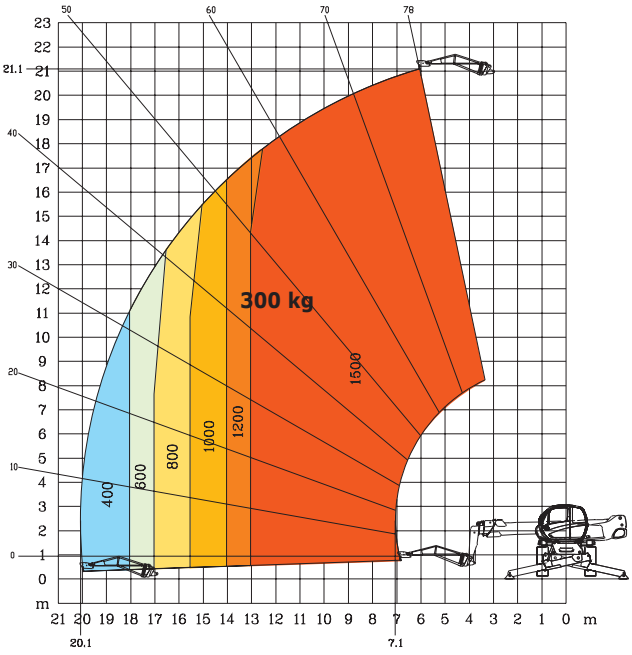


Rock-solid efficiency

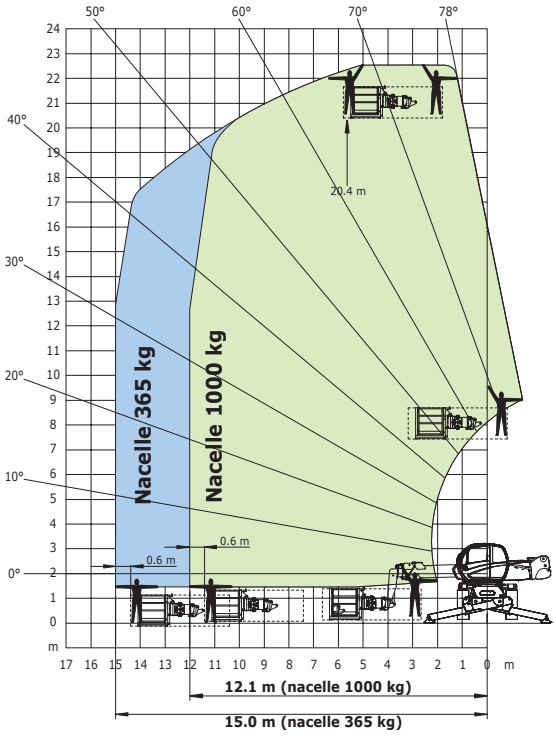
Rotation on extended stabilizers with 5000 kg winch



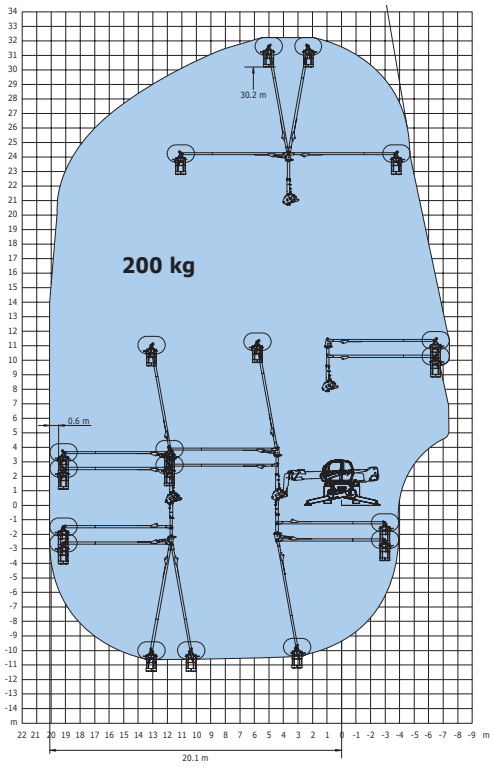
Rotation on extended stabilizers with 1500 kg jib



Rotation on extended stabilizers with 365/1000 kg platform



Rotation on extended stabilizers 3D positive/negative



// MRT 2150 +