

Technical sheet :

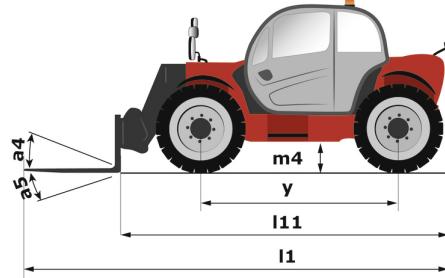
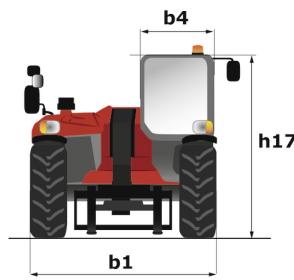
MTA 1255



 **MANITOU**
HANDLING YOUR WORLD

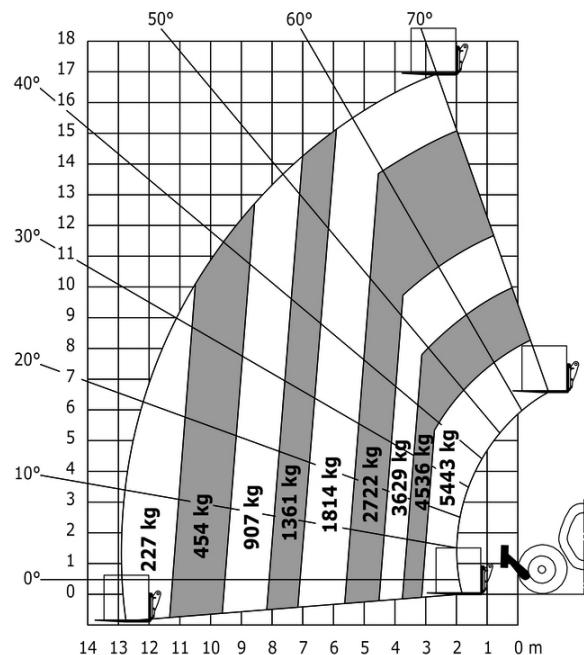
Capacities		Metric	
Max. capacity		5443.10 kg	
Max. lifting height		16.95 m	
Maximum outreach		12.88 m	
Weight and dimensions			
Length to face of forks	l2	6.40 m	
Overall length (with forks)	l1	7.62 m	
Overall width	b1	2.54 m	
Overall height	h17	2.59 m	
Wheelbase	y	3.50 m	
Ground clearance	m4	0.48 m	
Overall cab width	b4	0.95 m	
Tilt-up angle	a4	34 °	
Tilt-down angle	a5	96 °	
External turning radius	Wa3	3.90 m	
Overall weight		14696 kg	
Tires type		Pneumatic	
Forks length / width / section	l / e / s	1219 mm x 152 mm x 63.50 mm	
Frame leveling corrector	a9	10 °	
Performances			
Lifting		16 s	
Lowering		11 s	
Extension		18 s	
Retraction		16 s	
Crown		4 s	
Dump		6 s	
Engine			
Engine brand		Deutz	
Engine norm		Tier 4 final	
Engine model		TCD 3.6 L4	
Number of cylinders / Capacity of cylinders		4 - 3600 cm ³	
Engine power (Hp/kW)		127 Hp / 95 kW	
Max. torque / Engine rotation		500 Nm @ 2300 rpm	
Drawbar pull		14061 daN	
Transmission			
Transmission type		Powershift	
Number of gears (forward / reverse)		5 / 3	
Max. travel speed		32 km/h	
Parking brake		Hydraulic spring release SAHR	
Service brake		Wet disc brakes	
Hydraulics			
Hydraulic pump type		Axial piston	
Hydraulic flow / Pressure		151 l/min-275.80 bar	
Tank capacities			
Engine oil		8.51 l	
Hydraulic oil		159 l	
Diesel Exhaust fluid (AdBlue® type)		15.14 l	
Fuel		144 l	
Noise and vibration			
Noise at driving position (LpA)		80 dB	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	
Controls		Joystick	

MTA 1255 - Dimensional drawing

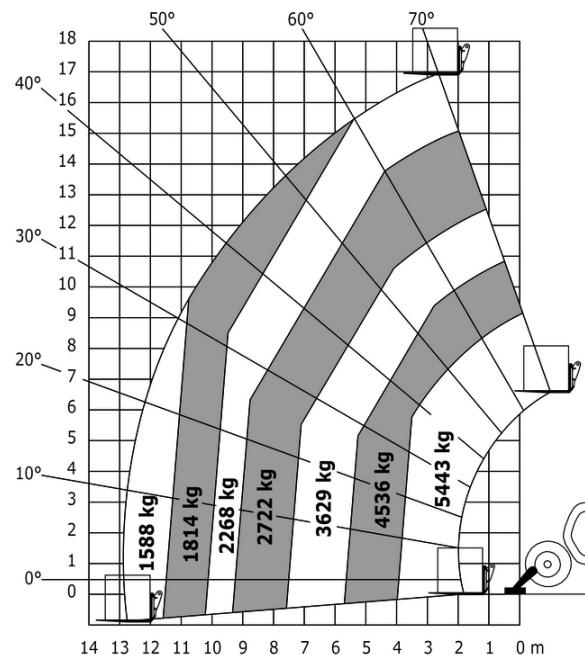


MTA 1255 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric





MANITOU HANDLING YOUR WORLD

Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes