

Technical sheet :

MLT 961-160 V+ L



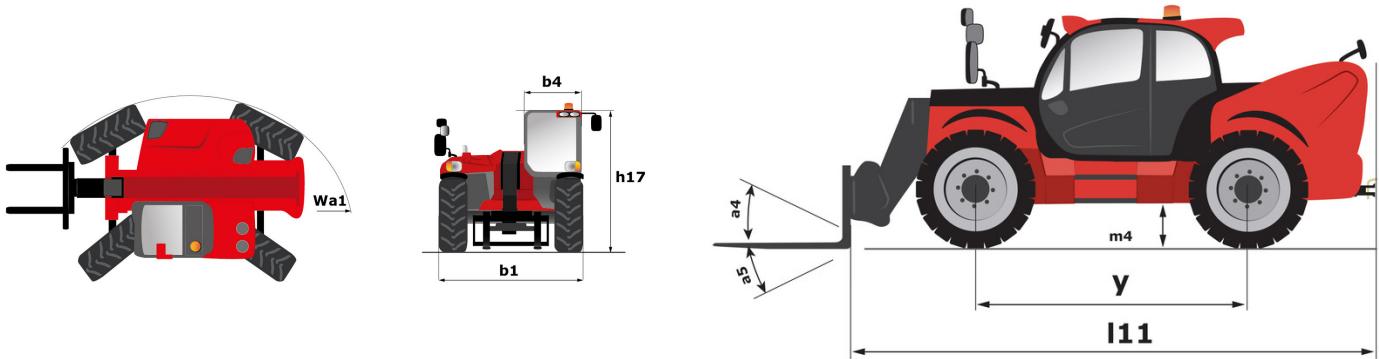
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity	Q	6000 kg	
Max. lifting height	h3	9 m	
Maximum outreach		5.30 m	
Reach at max. height		1.10 m	
Breakout force with bucket		7300 daN	
Weight and dimensions			
Unladen weight (with forks)		11950 kg	
Ground clearance	m4	0.45 m	
Wheelbase	y	3 m	
Overall length to carriage (with hitch)	l11	6.10 m	
Overall length to carriage (without hitch)	l3	5.97 m	
Front overhang		1.65 m	
Overall width	b1	2.48 m	
Overall cab width	b4	0.99 m	
Overall height	h17	2.55 m	
Tilt-down angle	a5	135 °	
Tilt-up angle	a4	12 °	
External turning radius (over tyres)	Wa1	4.30 m	
Standard tires		Alliance - A580 - 500/70 R24 164A8	
Drive wheels (front / rear)		2 / 2	
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode	
Frame leveling corrector	a9	7 °	
Performances			
Lifting		8.50 s	
Lowering		6.50 s	
Extension		7 s	
Retraction		6 s	
Crowd		3.80 s	
Dump		3.60 s	
Engine			
Engine brand		Yanmar	
Engine norm		Stage V / Tier 4 Final	
Engine model		4TN107FTT-5MUF	
Number of cylinders - Capacity of cylinders		4 - 4567 cm³	
Engine power (Hp / kW)		156 Hp / 115 kW	
Max. torque / Engine rotation		805 Nm @1350 rpm	
Drawbar pull (Laden)		9700 daN	
Reversible fan		Standard	
Engine cooling system		3 radiators water + intercooler + transmission oil	
Transmission			
Transmission type		M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)		40 km/h	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		200 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Hydraulic tank capacity		180 l	
Fuel		142 l	
Diesel Exhaust fluid (AdBlue® type)		21.50 l	
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB	
Noise to environment (LwA)		105 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Tractor homologation		Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

Optional tires tab

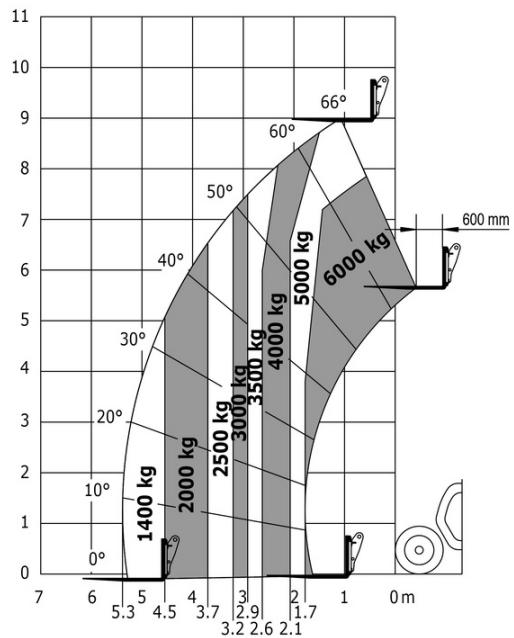
	Overall height	Overall width
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	-
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
MITAS - EM60 - 17.5 R25	-	-
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	-
SOLIDEAL - SOLIDAIR TLH - 14.00 R24	-	-
TRELLEBORG - TH400 - 500/70 R24 164A8	-	-
VREDESTEIN - ENDURION - 500/70 R24 164A8	-	-

MLT 961-160 V+L - Dimensional drawing



MLT 961-160 V+L - Load chart

Machine on tires 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