Technical sheet:

# MLT 961-160 V+ L



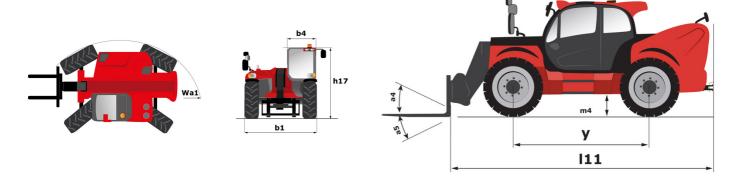


	MLT 961-160 V+ L Created on August 11, 2025 at 11:22 A
Capacities	Metric
Max. capacity	Q 6000 kg
Max. lifting height	h3 9 m
Maximum outreach	5.30 m
Reach at max. height	1.10 m
Breakout force with bucket	7300 daN
Weight and dimensions	7000 duli
Unladen weight (with forks)	11950 kg
Ground clearance	m4 0.45 m
Wheelbase	
Overall length to carriage (with hitch)	· · · · · · · · · · · · · · · · · · ·
Overall length to carriage (without hitch)	13 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 wheels (front / rear)	2/2
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-5SMUF
Number of cylinders - Capacity of cylinders	4 - 4567 cm³
I.C. Engine power rating / Power	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 + transmissi
Transmission	o ladiation mater - meroesier - dansmost
	M-Vario Plus
Transmission type	
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 axles
Hydraulica	axies
Hydraulics	Variable displacement pump
Hydraulic pump type	
Hydraulic flow - Pressure	200 l/min - 270 bar
Flow sharing distributor	Standard
Tank capacities	
Hydraulic tank capacity	180 I
Fuel tank	142 I
Diesel Exhaust fluid (AdBlue® type)	21.50
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
Controls	JoIVI

## Optional tires tab

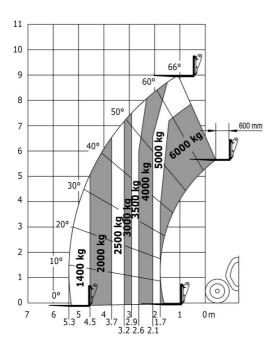
	Overall height	Overall width
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8		-
MICHELIN - XHA - 17.5 R25		-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
MITAS - EM60 - 17.5 R25		-
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	-
SOLIDEAL - SOLIDAIR TLH - 14.00 R24	•	
TRELLEBORG - TH400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







#### **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