Technical sheet:

MLT-X 961-160 V+ L



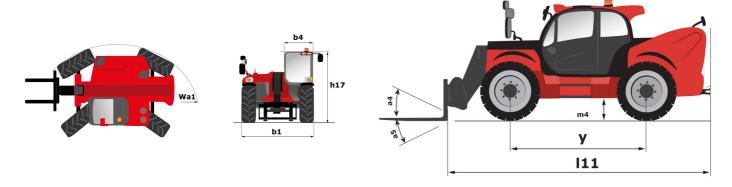


Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach	113	5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
		7300 dan
Weight and dimensions		11050
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase	У	3 m
Overall length to carriage (with hitch)	l11	6.10 m
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		80 - 500/70 R24 164A8
Drive wheels (front / rear)	Amdiice - As	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 IIIA
Max. fuel sulphur content		1000 ppm
Engine model		1107TT-5SMUF
•		- 4567 cm ³
Number of cylinders - Capacity of cylinders		
I.C. Engine power rating / Power		6 Hp / 115 kW
Max. torque / Engine rotation		Nm @1350 rpm
Drawbar pull (Laden)		9700 daN
Reversible fan		Standard
Engine cooling system	3 radiators water +	intercooler + transmission o
Transmission		
Transmission type	N	1-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Parking brake	Automatic r	negative parking brake
		-discs braking on front & re-
Service brake		axles
Hydraulics		
Hydraulic pump type	Variable o	displacement pump
Hydraulic flow - Pressure		I/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		180 l
Fuel tank		142
		144.1
Noise and vibration		60 10
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB
Noise to environment (LwA)		105 dB
		2.50 m/s ²
Vibration on hands/arms		
Vibration on hands/arms		or homologation
Vibration on hands/arms Miscellaneous	Tracto	or homologation OPS - FOPS level 2

Optional tires tab

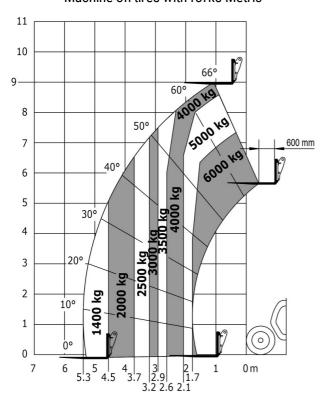
	Overall height	Overall width
ALLIANCE - A580 - 500/70 R24	-	-
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	•
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
MITAS - EM60 - 17.5 R25	-	-
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	-
SOLIDEAL - SOLIDAIR TLH - 14.00 R24	-	-
TRELLEBORG - TH400 - 500/70 R24 164A8		
VREDESTEIN - ENDURION - 500/70 R24 164A8		

MLT-X 961-160 V+ L - Dimensional drawing



MLT-X 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