Technical sheet:

MLT-X 961-160 V+ L



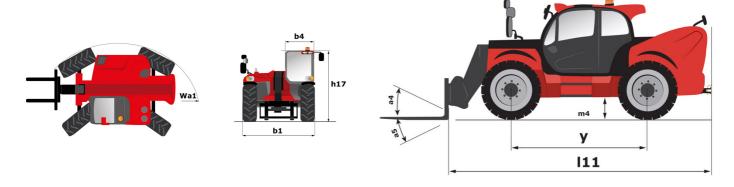


	MLT-X 961-160 V+ L Cre	taleu on August 13, 2023 at 11.49 AWI O
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		7000 dai.1
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase		3 m
Overall length to carriage (with hitch)	y 111	6.10 m
		5.97 m
Overall length to carriage (without hitch)	13	
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 IIIA
Max. fuel sulphur content		1000 ppm
Engine model		4TN107TT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm ³
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 + 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
raining blane		
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
		Variable displacement numn
Hydraulic pump type		Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure		200 l/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities		200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity		200 I/min - 270 bar Standard 180 I
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank		200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration		200 I/min - 270 bar Standard 180 I 142 I
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		200 I/min - 270 bar Standard 180 I 142 I 69 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration		200 I/min - 270 bar Standard 180 I 142 I
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		200 I/min - 270 bar Standard 180 I 142 I 69 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		200 I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms		200 I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous		200 l/min - 270 bar Standard 180 l 142 l 69 dB 105 dB < 2.50 m/s²

Optional tires tab

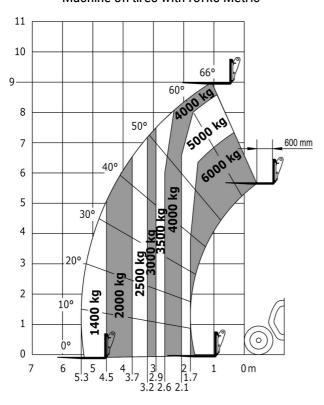
	Overall height	Overall width
ALLIANCE - A580 - 500/70 R24	-	
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	-
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
MITAS - EM60 - 17.5 R25	-	-
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	-
SOLIDEAL - SOLIDAIR TLH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