Technical sheet:

MLT-X 961-160 V+ L



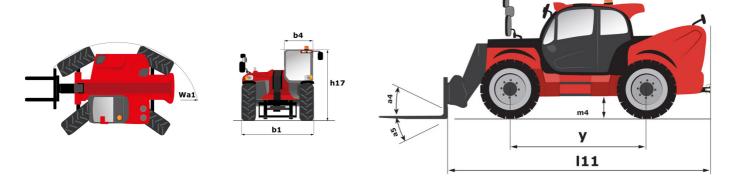


	MLT-X 961-160 V+ L	. Created on July 31, 2025 at 11:19 PM U
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		7000 dail
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase		3 m
Overall length to carriage (with hitch)	y I11	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		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
		Oil-immersed multi-discs braking on front & rear
Service brake		Our minimersed miduralses braking on front & fear
Hydraulics		axles
Hydraulics		axles
Hydraulic pump type		axles Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure		axles Variable displacement pump 200 l/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		axles Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities		axles Variable displacement pump 200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity		axles Variable displacement pump 200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank		axles Variable displacement pump 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		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l
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		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 69 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Noise and vibration		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l
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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)		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 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		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 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		axles Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 69 dB 105 dB < 2.50 m/s²

Optional tires tab

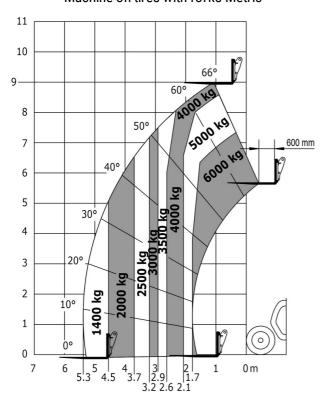
	Overall height	Overall widt
ALLIANCE - A580 - 500/70 R24	-	-
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	-
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	
MITAS - EM60 - 17.5 R25	-	
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	
SOLIDEAL - SOLIDAIR TLH -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







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