Technical sheet :

MLT-X 961-160 V+ L





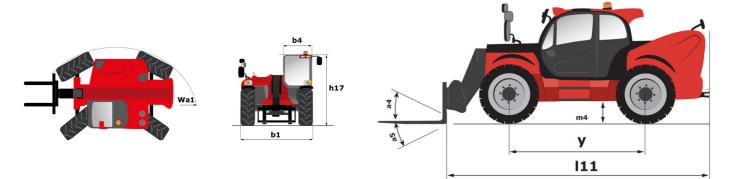
MLT-X 961-160 V+ L Created on August 11, 2025 at 2:34 AM UTC

	MLT-X 961-160 V+ L Created on August 11, 2025 at 2:34 AM
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 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 of
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 & re-
	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 I
Fuel tank	142 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

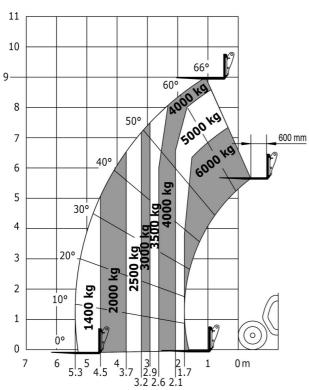
Optional tires tab

	Overall height	Overall width
ALLIANCE - 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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