Technical sheet :

MLT-X 961-160 V+ L





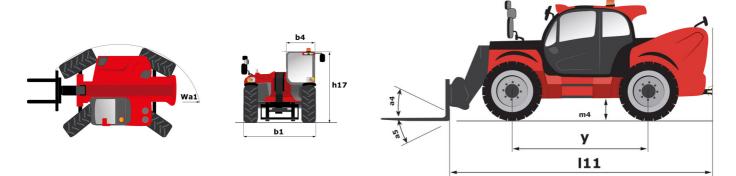
MLT-X 961-160 V+ L Created on August 1, 2025 at 11:18 PM UTC

	MLT-X 961-160 V+ L Created on August 1, 2025 at 11:18 PM L
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 4TN107TT-5SMUF
Engine model	4 IN 107 I F-35MOF 4 - 4567 cm ³
Number of cylinders - Capacity of cylinders 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 oi
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 & rea
Service brake	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
Fuel tank	142
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

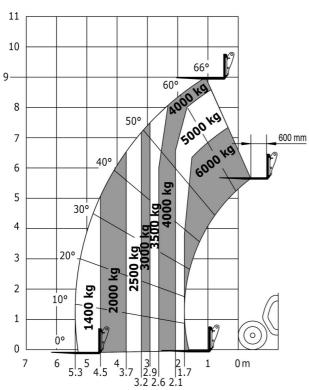
Optional tires tab

	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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