Technical sheet :

# MLT-X 961-160 V+ L





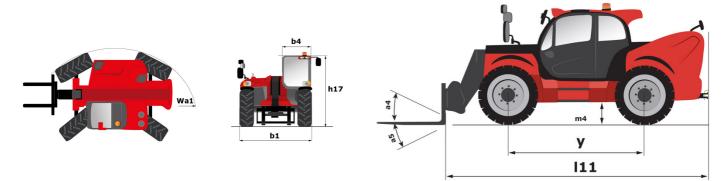
#### MLT-X 961-160 V+ L Created on July 31, 2025 at 11:42 PM UTC

	<b>MLT-X 961-160 V+ L</b> Created on July 31, 2025 at 11:42 PM
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	4TN107TF-5SMUF
Number of cylinders - Capacity of cylinders	4 - 4567 cm <sup>3</sup>
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
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 & r
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/s <sup>2</sup>
	< 2.30 III/S <sup>2</sup>
Miscellaneous Tratas homologotian	The star have been t
Tractor homologation	Tractor homologation
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

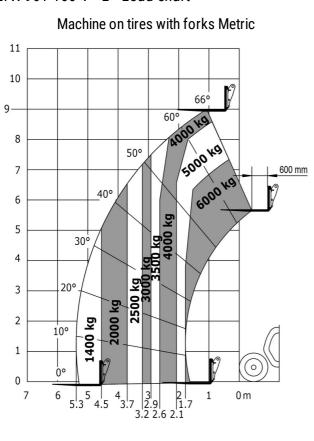
# **Optional tires tab**

	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





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