Technical sheet :

# MLT-X 961-160 V+ L





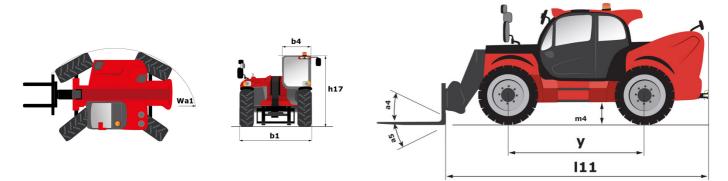
#### MLT-X 961-160 V+ L Created on July 31, 2025 at 11:43 PM UTC

	<b>MLT-X 961-160 V+L</b> Created on July 31, 2025	
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-5SM	UF
Number of cylinders - Capacity of cylinders	4 - 4567 cm	
I.C. Engine power rating / Power	156 Нр / 115 І	
Max. torque / Engine rotation	805 Nm @1350	
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 pa	rking brake
	Oil-immersed multi-discs brak	
Service brake	axles	<b>J</b>
Hydraulics		
Hydraulic pump type	Variable displaceme	nt 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 homolog	ation
Cab certification	Cabin ROPS - FOPS	
	JSM	

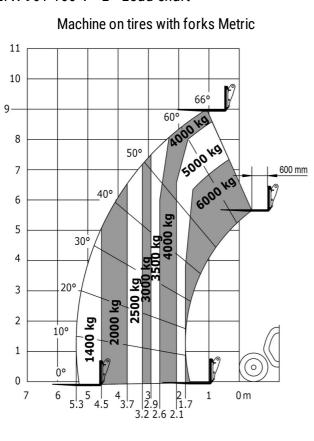
# **Optional tires tab**

	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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