Technical sheet:

# MLT 961-160 V+ L



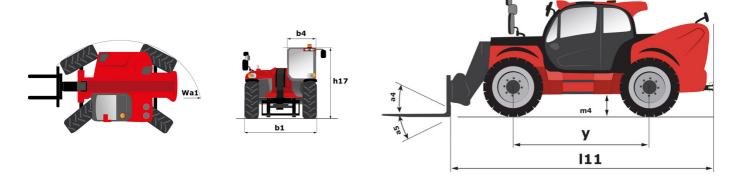


	MLT 961-160 V+ L Created on J	uly 3, 2025 at 10:46 PM UT
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		7000 dail
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase	m4	
	у	3 m
Overall length to carriage (with hitch)	l11	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
		3.60 s
Dump		3.00 \$
Engine		Variation
Engine brand		Yanmar
Engine norm		tage V / Tier 4 Final
Engine model		4TN107FTT-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 wat	er + intercooler + transmission oil
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Parking brake	Automa	tic negative parking brake
		nulti-discs braking on front & rear
Service brake		axles
Hydraulics		
Hydraulic pump type	Varia	ble displacement pump
Hydraulic flow - Pressure		200 I/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		180 l
Fuel tank		142
Diesel Exhaust fluid (AdBlue® type)		21.50
Noise and vibration		21.001
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>
Miscellaneous		
Tractor homologation		ractor homologation
Cab certification	Cab	in ROPS - FOPS level 2
Controls		JSM

## Optional tires tab

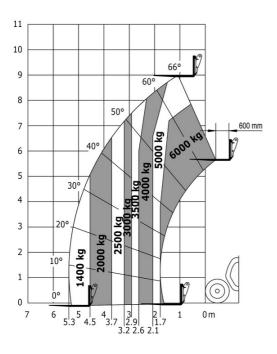
	Overall height	Overall width
ALLIANCE - EM L-3/E3 - 17.5 R25	•	-
MICHELIN - BIBLOAD - 500/70 R24 164A8		
MICHELIN - XHA - 17.5 R25		-
MICHELIN - XMCL - 500/70 R24 164A8		
MITAS - EM60 - 17.5 R25		-
NOKIAN - TRI STEEL - 500/70 R24 164A8		
SOLIDEAL - SOLIDAIR TLH - 14.00 R24		-
TRELLEBORG - TH400 - 500/70 R24 164A8		
VREDESTEIN - ENDURION - 500/70 R24 164A8		-

## MLT 961-160 V+ L - Dimensional drawing



MLT 961-160 V+ L - Load chart

### Machine on tires with forks Metric







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