Technical sheet:

MLT-X 961-160 V+ L



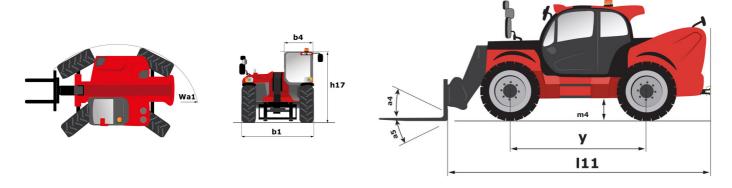


ML	T-X 961-160 V+ L Cr	eated off December 13, 2023 at 0.42 Aivi of
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Maximum outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase		3 m
	у	
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 mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Frame leveling corrector	a9	7°
Performances		
Lifting		8.50 s
Lowering		6.50 s
		7 s
Extension		
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
Engine power (Hp / kW)		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 oil
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Parking brake		Automatic negative parking brake
raining blake		
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Hydraulic flow - Pressure		
Hydraulic flow - Pressure		200 l/min - 270 bar
Flow sharing distributor		
Flow sharing distributor Tank capacities		200 l/min - 270 bar Standard
Flow sharing distributor Tank capacities Hydraulic tank capacity		200 l/min - 270 bar Standard 180 l
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel		200 l/min - 270 bar Standard
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration		200 I/min - 270 bar Standard 180 I 142 I
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		200 I/min - 270 bar Standard 180 I 142 I 69 dB
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration		200 I/min - 270 bar Standard 180 I 142 I
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		200 I/min - 270 bar Standard 180 I 142 I 69 dB
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		200 I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms		200 I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration on hands/arms Miscellaneous		200 l/min - 270 bar Standard 180 l 142 l 69 dB 105 dB 2.50 m/s ²

Optional tires tab

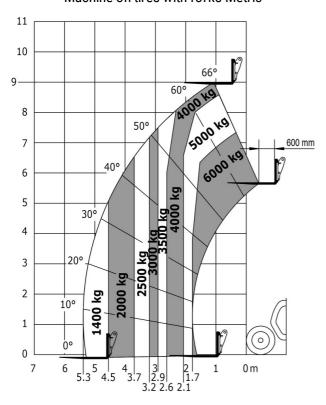
ALLIANCE - A580 - 500/70 R24 ALLIANCE - EM L-3/E3 - 17.5 R25 MICHELIN - BIBLOAD - 500/70 R24 164A8	•	
MICHELIN - RIBI OAD - 500/70 P24 16448	-	
MICHELIN DIDECAD 300/70 KZ4 104A0		-
MICHELIN - XHA - 17.5 R25	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	
MITAS - EM60 - 17.5 R25	-	
NOKIAN - TRI STEEL - 500/70 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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