Technical sheet:

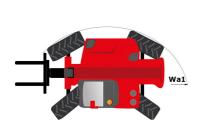
MLT 961-160 V+ L

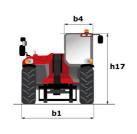


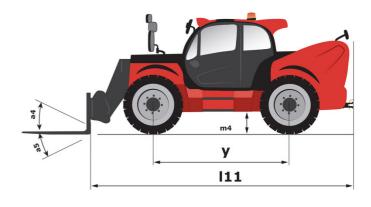


		Created on May 3, 2024 at 1:56:28 PM L
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Max. outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase	у	3 m
Overall length to carriage (with hitch)	l11	6.10 m
Overall length to carriage (without hitch)	13	5.97 m
	13	
Front overhang	14	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 tuming 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	2,	
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 V / Tier 4 Final
Engine model		4TN107FTT-5SMUF
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
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
		3 radiators water + intercooler + transmission o
Engine cooling system		3 Idulators Water + Intercooler + Italismission o
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rea
		axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure		Variable displacement pump 200 I/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		Variable displacement pump
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor		Variable displacement pump 200 I/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities		Variable displacement pump 200 I/min - 270 bar
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil		Variable displacement pump 200 l/min - 270 bar Standard
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank		Variable displacement pump 200 l/min - 270 bar Standard 180 l
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type)		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l 69 dB 105 dB
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l 69 dB 105 dB < 2.50 m/s²
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous Tractor homologation		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l 69 dB 105 dB < 2.50 m/s² Tractor homologation
Hydraulic pump type Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		Variable displacement pump 200 l/min - 270 bar Standard 180 l 142 l 21.50 l 69 dB 105 dB < 2.50 m/s²

MLT 961-160 V+ L - Dimensional drawing

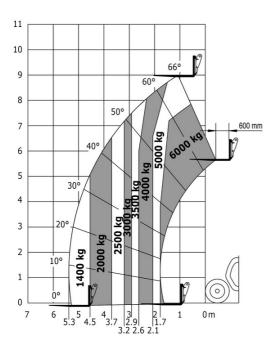






MLT 961-160 V+ L - Load chart

Machine on tyres with forks Metric







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