Technical sheet :

## MLT-X 961-160 V+ L

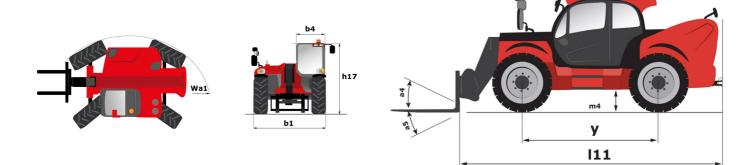




## **MLT-X 961-160 V+ L** Created on May 3, 2024 at 6:19:56 AM UTC

	<b>MLT-X 961-160 V+ L</b> Created on May 3	, 2024 al 6. 19.36 ANI U	
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	
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		580 - 500/70 R24 164A8	
Drive wheels (front / rear)	Allalice - A	2/2	
Steering wheels (front / rear)		2/2	
Frame leveling corrector	a9	7°	
Performances		7	
		8.50 s	
lifting			
Lowering		6.50 s 7 s	
Extension			
Retraction		б s	
Crowd		3.80 s	
Dump		3.60 s	
Engine		Venmer	
Engine brand		Yanmar	
Engine norm		Stage IIIA	
Max. fuel sulphur content		1000 ppm	
Engine model		N107TT-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 oi	
Transmission			
Transmission type		M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)		40 km/h	
Parking brake		negative parking brake	
Service brake	Oil-immersed mul	ti-discs braking on front & rea axles	
Hydraulics		44100	
Hydraulic pump type		15 I	
	Variable		
		displacement pump	
		l/min - 270 bar	
Flow sharing distributor			
Flow sharing distributor Tank capacities		l/min - 270 bar Standard	
Flow sharing distributor Tank capacities Hydraulic oil		I/min - 270 bar Standard 180 I	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank		l/min - 270 bar Standard	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration		l/min - 270 bar Standard 180 l 142 l	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		l/min - 270 bar Standard 180 l 142 l 69 dB	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank 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 oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	200	I/min - 270 bar Standard 180 I 142 I 69 dB	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB < 2.50 m/s <sup>2</sup>	
Flow sharing distributor Tank capacities Hydraulic oil Fuel tank 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		I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB < 2.50 m/s <sup>2</sup>	
Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic oil Fuel tank 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 Safety cab homologation Controls		I/min - 270 bar Standard 180 I 142 I 69 dB 105 dB < 2.50 m/s <sup>2</sup>	

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





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