Technical sheet:

MLT-X 961-160 V+ L

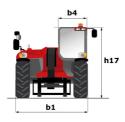


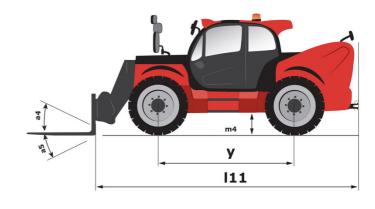


	MLT-X 961-160 V+ L Created on May 3, 2024 at 10:56:02	. 1 101
Capacities	Metric	
Max. capacity	Q 6000 kg	
Max. lifting height	h3 9 m	
Max. outreach	5.30 m	
Reach at max. height	1.10 m	
Breakout force with bucket	7300 daN	
Weight and dimensions	7000 0011	
Unladen weight (with forks)	11950 kg	
Ground clearance	m4 0.45 m	
Wheelbase		
Overall length to carriage (with hitch)	·	
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 164/	A8
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Frame leveling corrector	a9 7 °	
Performances	,	
Lifting	8.50 s	
	6.50 s	
Lowering		
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	4TN107TT-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	
Engine cooling system	3 radiators water + intercooler + transmis	ssion o
Transmission		
Transmission type	M-Vario Plus	
	40 km/h	
Max. travel speed (may vary according to applicable regulations)		
Parking brake	Automatic negative parking brak	
Service brake	Oil-immersed multi-discs braking on fro axles	int & rea
Hydraulics	and a	
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	200 I/min - 270 bar	
•		
Flow sharing distributor	Standard	
Tank capacities		
Hydraulic oil	180	
Fuel tank	142 l	
	69 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm	69 dB 105 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm	105 dB	
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous	105 dB < 2.50 m/s²	
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	105 dB	

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











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