Technical sheet :

## **MLT-X 961-160 V+ L**

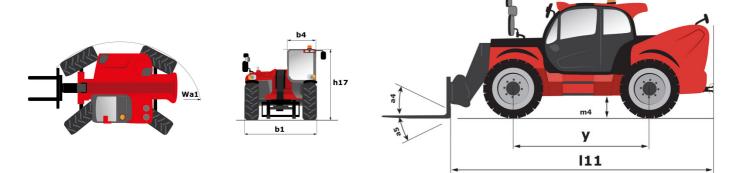




## **мLT-х 961-160 v+ L** Created on May 18, 2024 at 8:10:33 AM UTC

	MLI-X 961-160 V+L Clealed OII May 10, 2024 at 0.10.33 AM
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	y 3 m
Overall length to carriage (with hitch)	l11 6.10 m
Overall length to carriage (without hitch)	l3 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	d9 /
	0.50 -
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 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 + transmission
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 & re axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	200 l/min - 270 bar
Flow sharing distributor	Standard
Tank capacities	
Fuel tank	142
Noise and vibration	
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	× 2.00 m/ 5
Tractor homologation	Tractor homologation
	ROPS - FOPS level 2 cab
Safety cab homologation	KUPS - FUPS level 2 cad JSM
Controls	JSM

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





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