Technical sheet :

MLT 961-160 V+ L

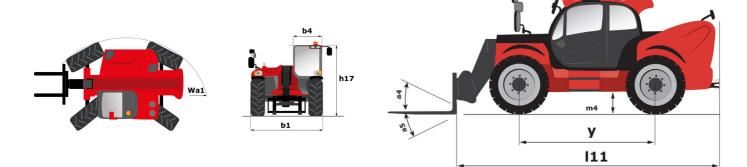




1LT 961-160 V+ L	Created on 23 A	pril 2024 at	18:43:08 UTC
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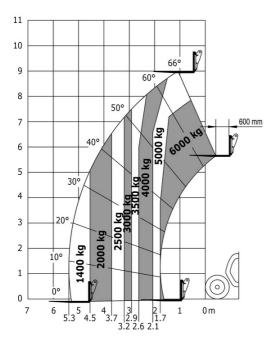
	MLT 961-160 V+ L Created on 23 April 2024 at 18:	43:08 U I
Capacities	Metric	
Max. capacity	Q 6000 kg	
Max. lifting height	h3 9 m	
Max. outreach	5.30 m	
Reach at max. height	1.10 m	
Breakout force with bucket	7300 daN	
Weight and dimensions		
Unladen weight (with forks)	11950 kg	
Ground clearance	m4 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		
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 16	4A8
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Frame leveling corrector	a9 7 °	
Performances		
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	
Engine cooling system	3 radiators water + intercooler + transn	lio noizein
Transmission		
Transmission type	M-Vario Plus	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Parking brake		ko
	Automatic negative parking bra Oil-immersed multi-discs braking on f	
Service brake	axles	ionit & rear
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	200 l/min - 270 bar	
Flow sharing distributor	Standard	
Tank capacities		
Hydraulic oil	180 I	
Fuel tank	142 I	
Diesel Exhaust fluid (AdBlue® type)	21.50	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	69 dB	
Noise to environment (LwA)	105 dB	
Vibration to whole hand/arm	< 2.50 m/s ²	
Miscellaneous	< 2.00 III/S*	
Tractor homologation	Tractor homologation	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

MLT 961-160 V+ L - Dimensional drawing



MLT 961-160 V+ L - Load chart

Machine on tyres with forks Metric





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