Technical sheet :

MLT 961-160 V+ L

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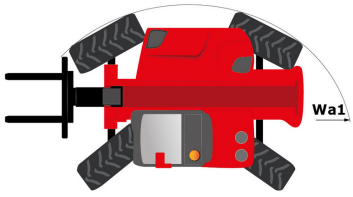
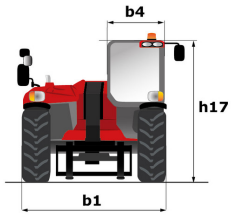
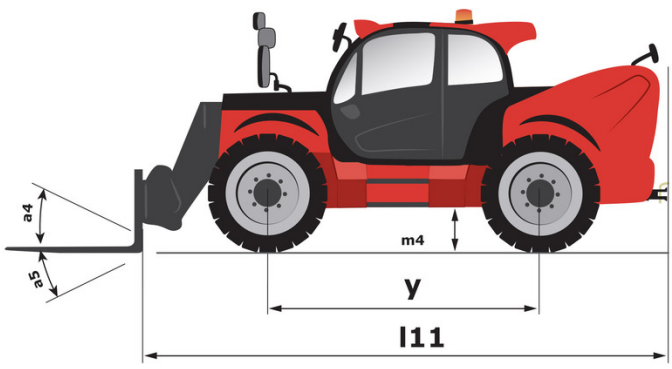
Capacities		Metric
Max. capacity	Q	6000 kg
Max. lifting height	h3	9 m
Max. outreach		5.30 m
Reach at max. height		1.10 m
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		11950 kg
Ground clearance	m4	0.45 m
Wheelbase	y	3 m
Overall length to carriage (with hitch)	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 tyres		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Frame levelling 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 (kW)		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 + air + oil 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 & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		200 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		180 l
Fuel tank		142 l
Diesel Exhaust fluid (AdBlue® type)		21.50 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		69 dB
Environmental noise (LwA)		105 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM

MLT 961-160 V+ L - Dimensional drawing

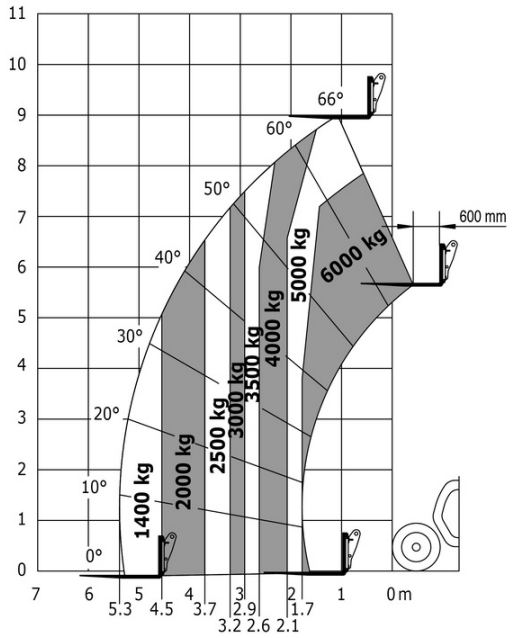




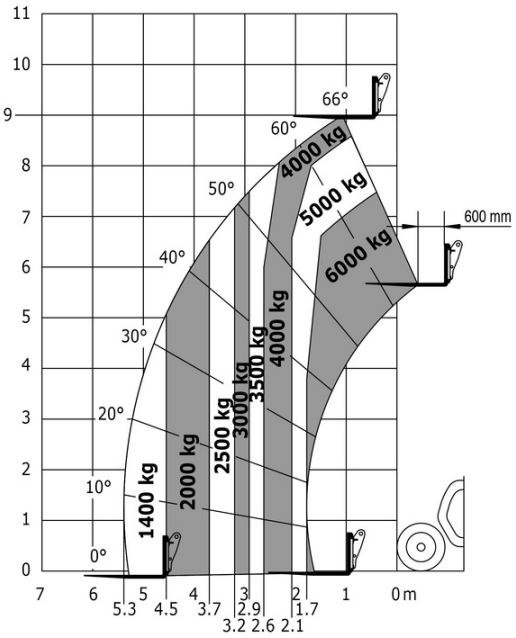


MLT 961-160 V+ L - Load chart

Industrial load chart (EN 1459 A) Metric



Rough terrain load chart (EN 1459 B) Metric



Head Office
B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France
Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com

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