Technical sheet :

MLT 961-160 V+ L

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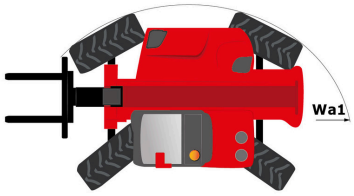
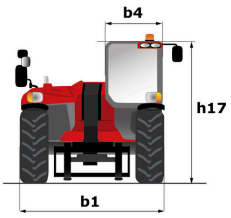
Capacities		Imperial
Max. capacity	Q	13228 lb
Max. lifting height		29 ft 6 in
Max. outreach		17 ft 5 in
Reach at max. height		3 ft 7 in
Breakout force with bucket		7300 daN
Weight and dimensions		
Unladen weight (with forks)		26345 lb
Ground clearance	m4	1 ft 6 in
Wheelbase	y	9 ft 10 in
Overall length to carriage (with hitch)	l11	20 ft
Overall length to carriage (without hitch)	l3	19 ft 7 in
Front overhang		5 ft 5 in
Overall width	b1	8 ft 2 in
Overall cab width	b4	3 ft 3 in
Overall height	h17	8 ft 4 in
Tilt-down angle	a5	135 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	14 ft 1 in
Standard tires		Alliance - A580 - 500/70 R24 164A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
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 - 279 in³
Engine power (Hp / kW)		156 Hp / 115 kW
Max. torque / Engine rotation		594 ft/lbs @1350 rpm
Drawbar pull (Laden)		9700 daN
Reversible fan		Standard
Engine cooling system		3 radiators water + intercooler + transmission oil
Transmission		
Transmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		25 mph
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		53 US gpm - 3916 PSI
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		48 US gal
Fuel tank capacity		38 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		6 US gal
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		< 8 ft/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

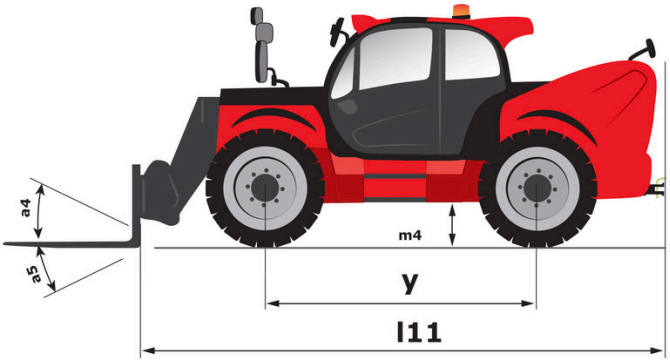
Optional tires tab

	Overall height	Overall width
ALLIANCE - EM L-3/E3 - 17.5 R25	-	-
MICHELIN - BIBLOAD - 500/70 R24 164A8	-	-
MICHELIN - XMCL - 500/70 R24 164A8	-	-
MITAS - EM60 - 17.5 R25	-	-
NOKIAN - TRI STEEL - 500/70 R24 164A8	-	-
SOLIDEAL - SOLIDAIR TLH - 14.00 R24	-	-
TRELLEBORG - TH400 - 500/70 R24 164A8	-	-
VREDESTEIN - ENDURION - 500/70 R24 164A8	-	-

MLT 961-160 V+ L - Dimensional drawing

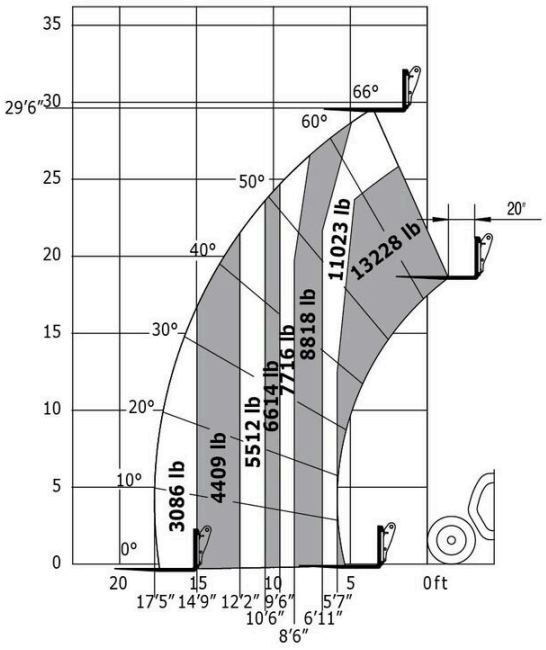




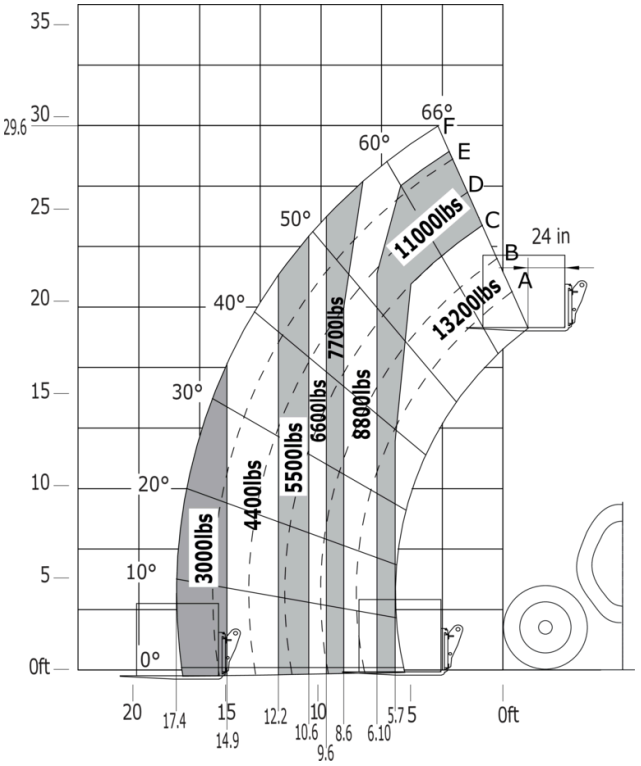


MLT 961-160 V+ L - Load chart

Machine on tires with forks Imperial



Machine on tires with forks LC 600 mm (Imperial)



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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