

Technical sheet :

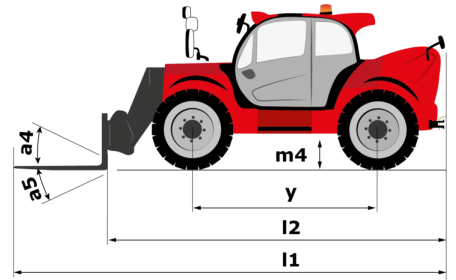
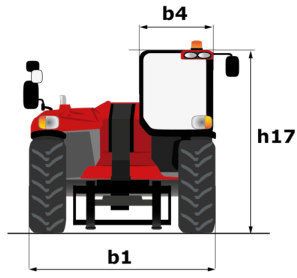
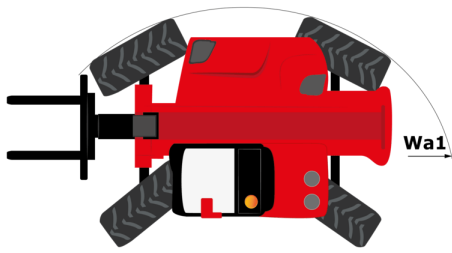
MHT 12330



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		72753 lb
Load centre of gravity	c	47 in
Max. lifting height		39 ft 1 in
Max. outreach		21 ft 8 in
Weight and dimensions		
Overall length	l1	27 ft 6 in
Unladen weight (with forks)		108027 lb
Ground clearance	m4	1 ft 11 in
Wheelbase	y	16 ft 1 in
Length to face of forks	l2	27 ft 6 in
Overall width	b1	9 ft 9 in
Overall height	h17	11 ft 10 in
Overall cab width	b4	3 ft 2 in
Tilt-down angle	a5	100 °
Tilt-up angle	a4	10 °
External turning radius (over tyres)	Wa1	24 ft 4 in
Outer turning radius (with forks)	b15	30 ft 7 in
Forks length / width / section	l / e / s	94 in x 4 in / 10 in
Frame levelling corrector	a9	6 °
Wheels		
Standard tyres		21.00 R35
Number of front wheels / rear wheels		2 / 2
Steering wheels (front / rear)		4 / 4
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Deutz
Engine norm		Stage V / Tier 4 final
Engine model		TCD 6.1 L6
Number of cylinders / Capacity of cylinders		6 - 372 in ³
I.C. Engine power rating / Power (kW)		245 Hp / 180 kW
Max. torque / Engine rotation		738 ft/lbs@1450 rpm
Engine cooling system		Water
Number of batteries		2
Battery / Battery capacity		12 V / 180 Ah
Drawbar pull (Laden)		28400 daN
Transmission		
Transmission type		Hydrostatic with Powershift
Number of gears (forward / reverse)		3 / 3
Max. travel speed		16 mi/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden)		36 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		82 US gpm - 5076 PSI
Tank capacities		
Engine oil		6 US gal
Hydraulic oil		151 US gal
Fuel tank		159 US gal
Diesel Exhaust fluid (AdBlue® type)		8 US gal
Noise and vibration		
Noise at driving position (LpA)		80 dB
Noise to environment (LWA)		107 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 12330 - Dimensional drawing





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