

Technical sheet :

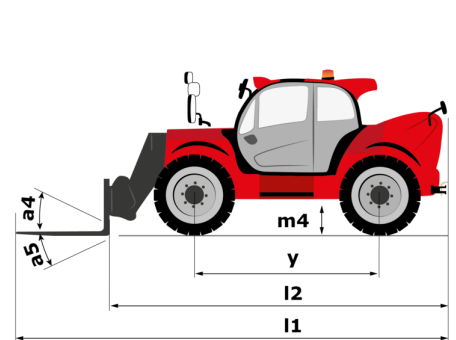
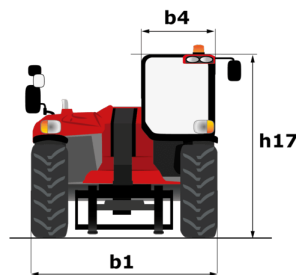
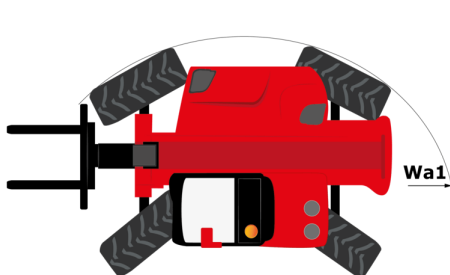
MHT 14350



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		77162 lb
Load center of gravity	c	47 in
Max. lifting height		44 ft 7 in
Max. outreach		27 ft 11 in
Weight and dimensions		
Overall length	l1	35 ft 10 in
Unladen weight (with forks)		152119 lb
Ground clearance	m4	2 ft 3 in
Wheelbase	y	18 ft 8 in
Length to face of forks	l2	35 ft 10 in
Overall width	b1	11 ft 7 in
Overall height	h17	12 ft 6 in
Tilt-down angle	a5	107 °
Tilt-up angle	a4	15 °
External turning radius (over tyres)	Wa1	24 ft
Outer turning radius (with forks)	b15	33 ft
Forks length / width / section	l / e / s	94 in x 12 in / 5 in
Frame leveling corrector	a9	8 °
Wheels		
Standard tires		24.00 R35
Number of rear wheels		2
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Mercedes
Engine norm		Stage IV / Tier 4 Final
Engine model		OM 936 LA
Number of cylinders / Capacity of cylinders		6 - 439 in³
I.C. Engine power rating / Power		350 Hp / 260 kW
Max. torque / Engine rotation		1180 ft/lbs@1600 rpm
Engine cooling system		Water
Battery voltage		24 V
Drawbar pull		33000 daN
Transmission		
Transmission type		Hydrostatic with Powershift
Number of gears (forward / reverse)		3 / 3
Max. travel speed		16 mph
Parking brake		Automatic Negative Hand-brake
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		106 US gpm - 5076 PSI
Tank capacities		
Engine oil		8 US gal
Hydraulic oil		201 US gal
Fuel tank		190 US gal
Diesel Exhaust fluid (AdBlue® type)		17 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/s²
Miscellaneous		
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 14350 - Dimensional drawing





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