

Technical sheet :

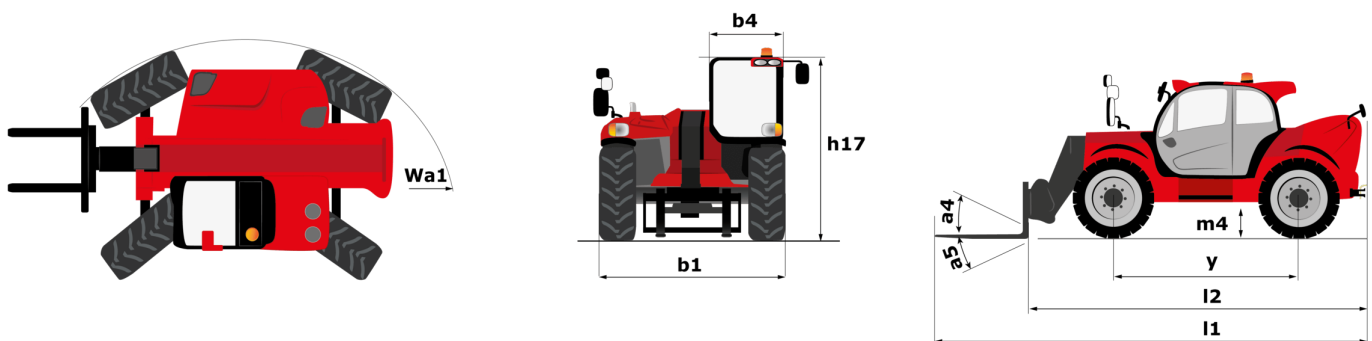
MHT 10130



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		13000 kg
Load center of gravity	c	600 mm
Max. lifting height		9.65 m
Maximum outreach		5.17 m
Weight and dimensions		
Overall length	l1	6.14 m
Unladen weight (with forks)		18490 kg
Ground clearance	m4	0.44 m
Wheelbase	y	3.37 m
Overall width	b1	2.51 m
Overall height	h17	2.99 m
Overall cab width	b4	0.93 m
Tilt-up angle	a4	18 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	5.34 m
Outer turning radius (with forks)	b15	5.34 m
Forks length / width / section	l / e / s	70 mm x 1200 mm x 200 mm
Wheels		
Standard tires		Aeolus - A2237 - 17.5 R25
Number of front wheels / rear wheels		2 / 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 nom		Stage IV, Tier 4 final
Engine model		OM 934 LA. E4-3
Number of cylinders / Capacity of cylinders		4 - 5100 cm³
Engine power (Hp / kW)		176 Hp / 129 kW
Max. torque / Engine rotation		750 Nm@1600 rpm
Engine cooling system		Water
Number of batteries		2
Battery voltage		12 V
Drawbar pull		10800 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		31 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs on front & rear axles
Gradeability (laden)		34 %
Hydraulics		
Hydraulic pump type		Variable pump
Hydraulic flow - Pressure		180 l/min - 300 bar
Tank capacities		
Engine oil		21 l
Hydraulic oil		290 l
Fuel		315 l
Diesel Exhaust fluid (AdBlue® type)		63 l
Noise and vibration		
Noise to environment (LWA)		107 dB
Vibration on hands/arms		2.50 m/s²
Miscellaneous		
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 10130 - Dimensional drawing





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