

Technical sheet :

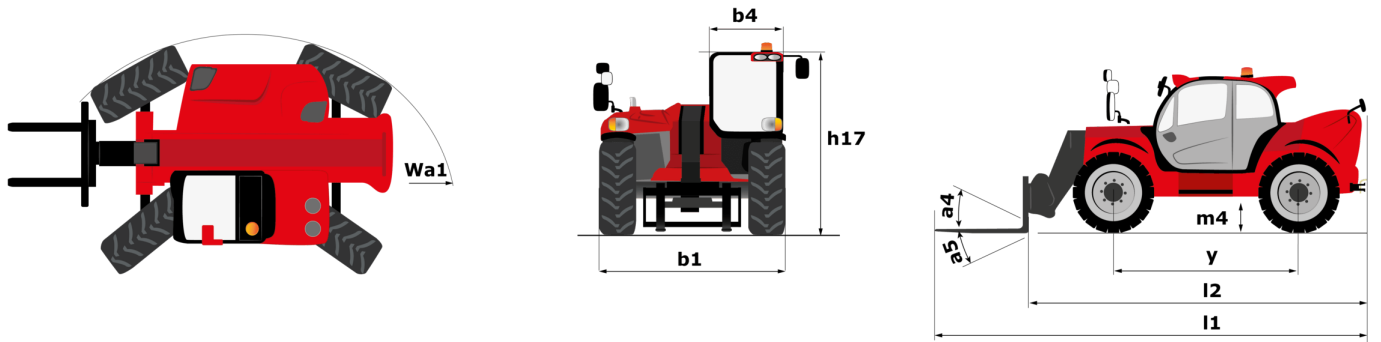
MHT 10130

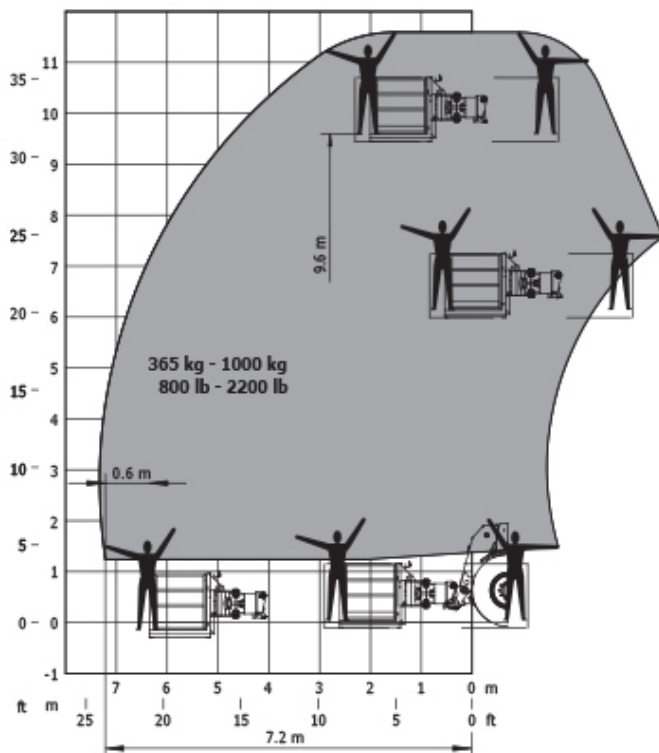


 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		28660 lb
Load center of gravity	c	24 in
Max. lifting height		31 ft 8 in
Max. outreach		17 ft
Weight and dimensions		
Overall length	l1	20 ft 2 in
Unladen weight (with forks)		40763 lb
Ground clearance	m4	1 ft 5 in
Wheelbase	y	11 ft 1 in
Overall width	b1	8 ft 3 in
Overall height	h17	9 ft 10 in
Overall cab width	b4	3 ft 1 in
Tilt-down angle	a5	117 °
Tilt-up angle	a4	18 °
External turning radius (over tyres)	Wa1	17 ft 6 in
Outer turning radius (with forks)	b15	17 ft 6 in
Forks length / width / section	l / e / s	3 in x 47 in / 8 in
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 norm		Stage IV / Tier 4 Final
Engine model		OM 934 LA. E4-3
Number of cylinders / Capacity of cylinders		4 - 311 in³
I.C. Engine power rating / Power		176 Hp / 129 kW
Max. torque / Engine rotation		553 ft/lbs@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		19 mph
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		48 US gpm - 4351 PSI
Tank capacities		
Engine oil		6 US gal
Hydraulic oil		77 US gal
Fuel tank		83 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 10130 - Dimensional drawing







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