Technical sheet :

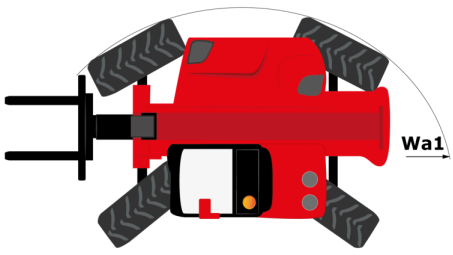
MHT 14350

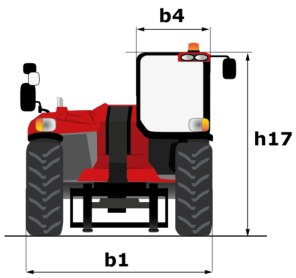


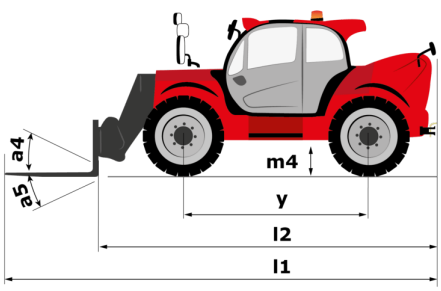
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity		35000 kg	77162 lb
Load center of gravity	c	1200 mm	47 in
Max. lifting height		13.60 m	44 ft 7 in
Max. outreach		8.50 m	27 ft 11 in
Weight and dimensions			
Overall length	l1	10.93 m	35 ft 10 in
Unladen weight (with forks)		69000 kg	152119 lb
Ground clearance	m4	0.69 m	2 ft 3 in
Wheelbase	y	5.70 m	18 ft 8 in
Length to face of forks	l2	10.93 m	35 ft 10 in
Overall width	b1	3.53 m	11 ft 7 in
Overall height	h17	3.82 m	12 ft 6 in
Tilt-down angle	a5	107 °	107 °
Tilt-up angle	a4	15 °	15 °
External turning radius (over tyres)	Wa1	7.32 m	24 ft
Outer turning radius (with forks)	b15	10.07 m	33 ft
Forks length / width / section	l / e / s	2400 mm x 300 mm / 135 mm	94 in x 12 in / 5 in
Frame leveling corrector	a9	8 °	8 °
Wheels			
Standard tires		24.00 R35	24.00 R35
Number of rear wheels		2	2
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Engine			
Engine brand		Mercedes	Mercedes
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		OM 936 LA	OM 936 LA
Number of cylinders / Capacity of cylinders		6 - 7200 cm³	6 - 439 in³
I.C. Engine power rating / Power		350 Hp / 260 kW	350 Hp / 260 kW
Max. torque / Engine rotation		1600 Nm@1600 rpm	1180 ft/lbs@1600 rpm
Engine cooling system		Water	Water
Battery voltage		24 V	24 V
Drawbar pull		33000 daN	33000 daN
Transmission			
Transmission type		Hydrostatic with Powershift	Hydrostatic with Powershift
Number of gears (forward / reverse)		3 / 3	3 / 3
Max. travel speed		25 km/h	16 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow - Pressure		400 l/min - 350 bar	106 US gpm - 5076 PSI
Tank capacities			
Engine oil		29 l	8 US gal
Hydraulic oil		760 l	201 US gal
Fuel tank		720 l	190 US gal
Diesel Exhaust fluid (AdBlue® type)		63 l	17 US gal
Noise and vibration			
Noise at driving position (LpA)		80 dB	80 dB
Noise to environment (LwA)		107 dB	107 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Controls		JSM	JSM
Attachment recognition system (E-Reco)		Standard	Standard

MHT 14350 - Dimensional drawing

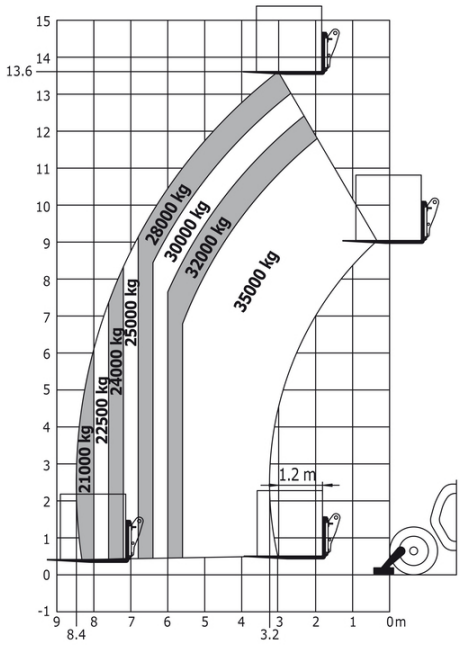






MHT 14350 - Load chart

Machine on stabs with forks LC 1200mm (Metric)



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