Technical sheet :

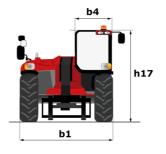
MHT-X 14350

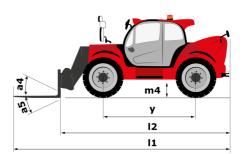


Capacities	Metric	Imperial
Max. capacity	35000 kg	77162 lb
Load center of gravity	c 1200 mm	47 in
Max. lifting height	13.60 m	44 ft 7 in
Maximum outreach	8.50 m	27 ft 11 in
Weight and dimensions		
Overall length	l1 10.93 m	35 ft 10 in
Unladen weight (with forks)	69000 kg	152119 lb
Ground clearance	m4 0.68 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-up angle	a4 15 °	15 °
Tilt-down angle	a5 107 °	107 °
External turning radius (over tyres)	Wa1 7.32 m	24 ft
	b15 10.07 m	33 ft
Outer turning radius (with forks)	/ e / s 2400 mm x 300 mm x 135 mm	94 in x 12 in x 5 in
Forks length / width / section Wheels	2/ C/ S 2400 IIIII X 300 IIIII X 133 IIII	94 111 X 12 111 X 3 111
	24.00.025	24.00.025
Standard tires	24.00 R35	24.00 R35
Number of front wheels / rear wheels	2/2	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 IIIA	Stage IIIA
Engine model	OM 926 LA	OM 926 LA
Number of cylinders / Capacity of cylinders	6 - 7200 cm ³	6 - 439 in ³
I.C. Engine power rating / Power	326 Hp / 240 kW	326 Hp / 240 kW
Max. torque / Engine rotation	1600 Nm@1600 rpm	1180 ft/lbs@1600 rpm
Engine cooling system	Water	Water
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 pump	Variable pump
Hydraulic flow - Pressure	400 l/min - 350 bar	106 US gpm - 5076 PSI
Tank capacities		
Engine oil	29	8 US gal
Fuel tank	720	190 US gal
Noise and vibration		
Noise to environment (LwA)	107 dB	107 dB
Vibration on hands/arms	< 2.50 m/s²	< 2.50 m/s²
Miscellaneous		
Cab certification	Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
	JSM	JSM
Controls	JOW	J 31VI

MHT-X 14350 - Dimensional drawing









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