Technical sheet :

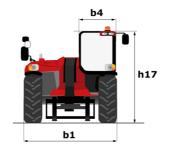
MHT-X 12330

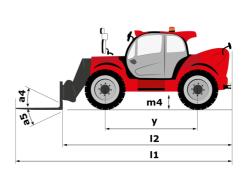


Capacities	Metric
Max. capacity	33000 kg
Load center of gravity	c 1200 mm
Max. lifting height	11.92 m
Max. outreach	6.60 m
Weight and dimensions	
Overall length	l1 10.77 m
Unladen weight (with forks)	49000 kg
Ground clearance	m4 0.59 m
Wheelbase	y 4.90 m
Length to face of forks	l2 8.37 m
Overall width	b1 2.98 m
Overall height	h17 3.60 m
Overall cab width	b4 0.97 m
Tilt-down angle	a5 100 °
Tilt-up angle	a4 10 °
External turning radius (over tyres)	Wa1 7.42 m
Outer turning radius (with forks)	b15 9.33 m
Forks length / width / section	l / e / s 2400 mm x 250 mm / 110 mm
Frame leveling corrector	a9 6 °
Wheels	
Standard tires	21.00 R35
Number of front wheels / rear wheels	2/2
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Engine	
Engine brand	Deutz
Engine norm	Stage III / Tier 3
Engine model	TCD 6.1 L6
Number of cylinders / Capacity of cylinders	6 - 6100 cm³
I.C. Engine power rating / Power	245 Hp / 180 kW
Max. torque / Engine rotation	1000 Nm@1450 rpm
Engine cooling system	Water
Number of batteries	2
Battery voltage	12 V
Drawbar pull	28400 daN
Transmission	
Transmission type	Hydrostatic with Powershift
Number of gears (forward / reverse)	3/3
Max. travel speed	25 km/h
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rear axles
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	310 l/min - 350 bar
Tank capacities	
Engine oil	21
Hydraulic oil	5701
Fuel tank	6001
Noise and vibration	
Noise at driving position (LpA)	80 dB
Noise to environment (LwA)	107 dB
Vibration on hands/arms	< 0 m/s ²
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	KOPS - FOPS level 2 cau JSM
	JSM Standard
Attachment recognition system (E-Reco)	Standard

MHT-X 12330 - Dimensional drawing









Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes