

Technical sheet :

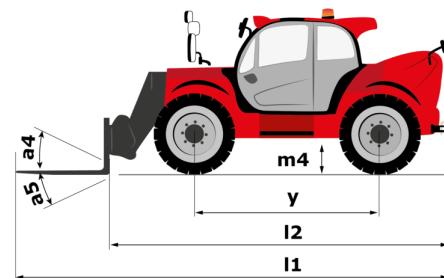
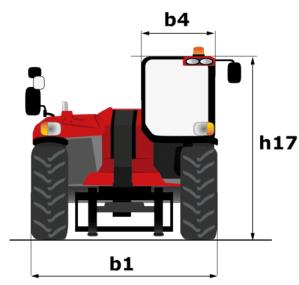
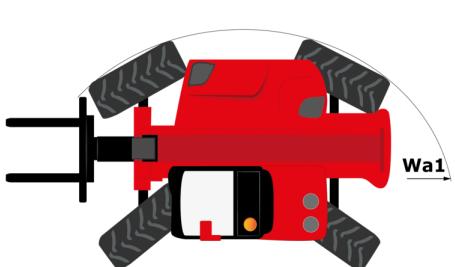
# MHT-X 12330



 **MANITOU**  
HANDLING YOUR WORLD

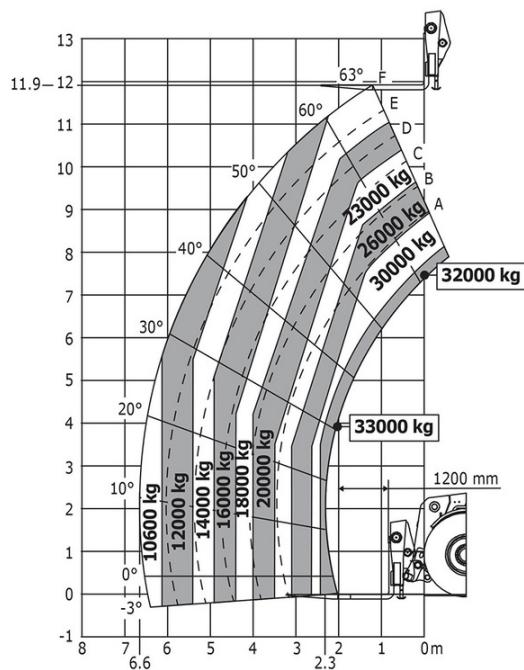
Capacities		Metric	
Max. capacity		33000 kg	
Load center of gravity	c	1200 mm	
Max. lifting height		11.92 m	
Maximum outreach		6.60 m	
Weight and dimensions		Metric	
Overall length	l1	10.77 m	
Unladen weight (with forks)		49000 kg	
Ground clearance	m4	0.59 m	
Wheelbase	y	4.90 m	
Length to face of forks	l2	8.37 m	
Overall width	b1	2.98 m	
Overall height	h17	3.60 m	
Overall cab width	b4	0.97 m	
Tilt-up angle	a4	10 °	
Tilt-down angle	a5	100 °	
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 x 110 mm	
Frame leveling corrector	a9	6 °	
Wheels		Metric	
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		Metric	
Engine brand		Deutz	
Engine norm		Stage III / Tier 3	
Engine model		TCD 6.1 L6	
Number of cylinders / Capacity of cylinders		6 - 6100 cm³	
Engine power (Hp / kW)		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		Metric	
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	
Gradeability (laden)		36 %	
Hydraulics		Metric	
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		310 l/min - 350 bar	
Tank capacities		Metric	
Engine oil		21 l	
Hydraulic oil		570 l	
Fuel		600 l	
Noise and vibration		Metric	
Noise to environment (LwA)		110 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous		Metric	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	
Attachment recognition system (E-Reco)		Standard	

## MHT-X 12330 - Dimensional drawing

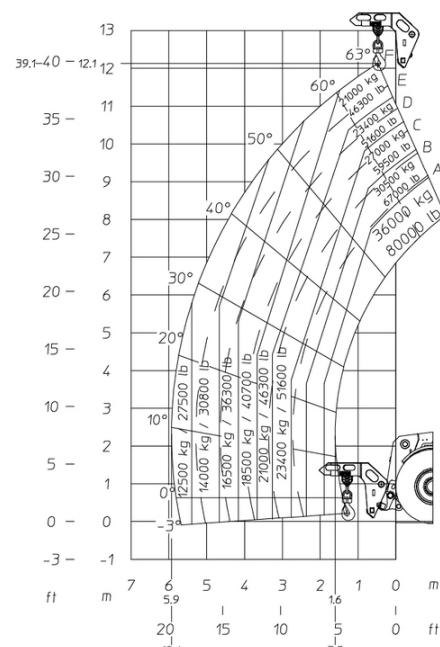


## MHT-X 12330 - Load chart

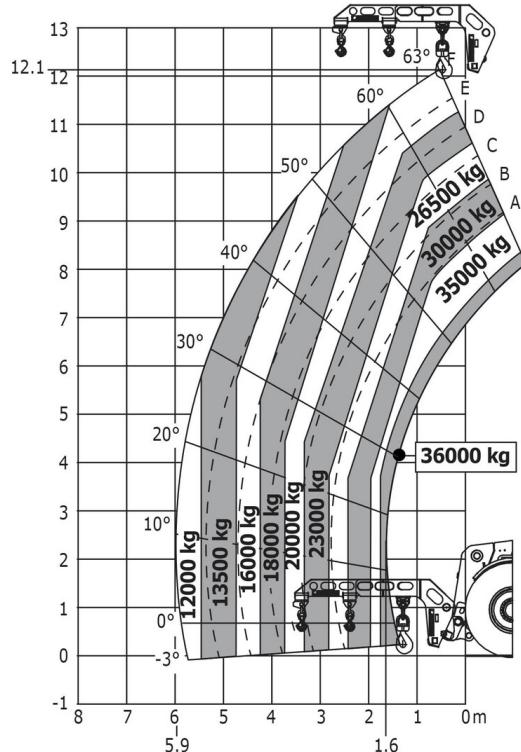
Machine on tires with forks LC 1200 mm Metric



Machine on tires with hook 36000 kg (Metric)



Machine on tires with 3-hook jib 36000 kg (Metric)



**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](http://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