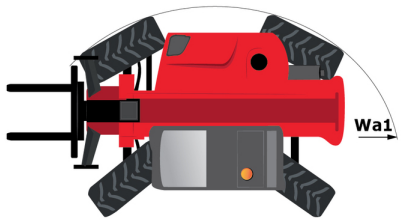
Technical sheet :

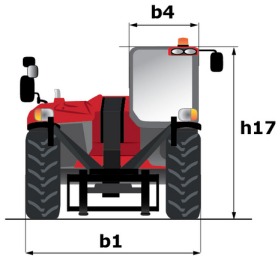
MT 1440

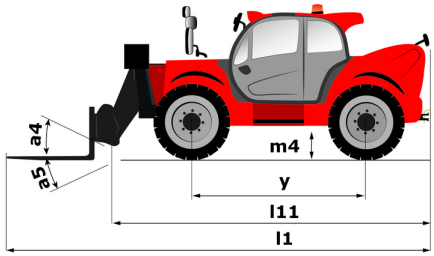
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Maximum outreach		9.46 m
Breakout force with bucket		7895 daN
Weight and dimensions		
Overall length to carriage	l11	6.02 m
Length to face of forks	l2	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	y	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Unladen weight (with forks)		10940 kg
Overall weight		11200 kg
Tires type		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Frame leveling corrector	a9	63 °
Performances		
Lifting		15.90 s
Lowering		12.10 s
Extension		17.10 s
Retraction		12.70 s
Crowd		4.30 s
Dump		3.90 s
Engine		
Engine brand		Perkins
Engine norm		Stage IV, Tier 4 final
Engine model		854F-E34TAN
Number of cylinders / Capacity of cylinders		4 - 3400 cm³
Engine power (Hp/kW)		100 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1400 rpm
Drawbar pull (Laden)		8090 daN
Electric circuit		
12V Battery capacity		120 Ah
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Max. travel speed (may vary according to applicable regulations)		25 km/h
Parking brake		Automatic parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		170 l/min-270 bar
Tank capacities		
Engine oil		7.50 l
Hydraulic oil		135 l
Diesel Exhaust fluid (AdBlue® type)		21.60 l
Hydraulic tank capacity		13 l
Fuel		140 l
Noise and vibration		
Noise at driving position (LpA)		78 dB
Noise to environment (LwA)		103 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM

MT 1440 - Dimensional drawing

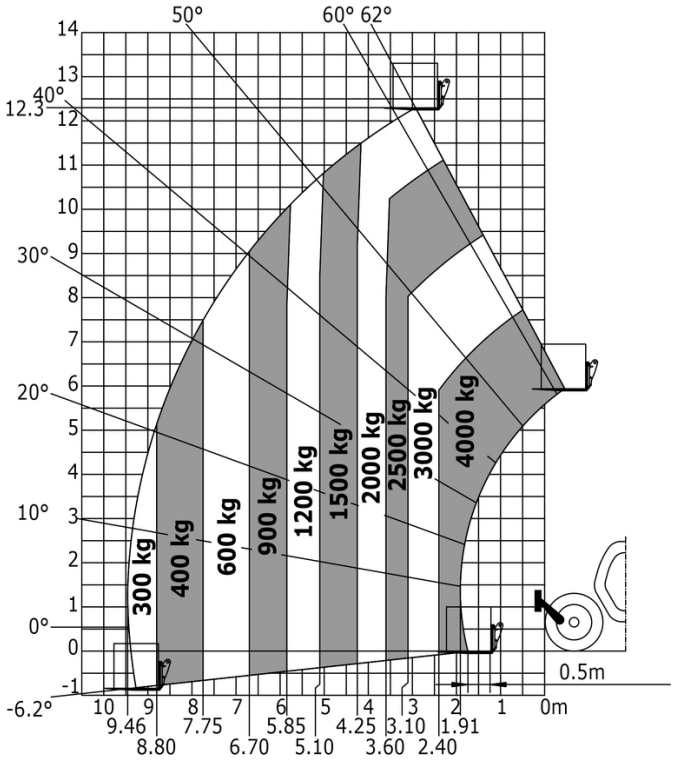




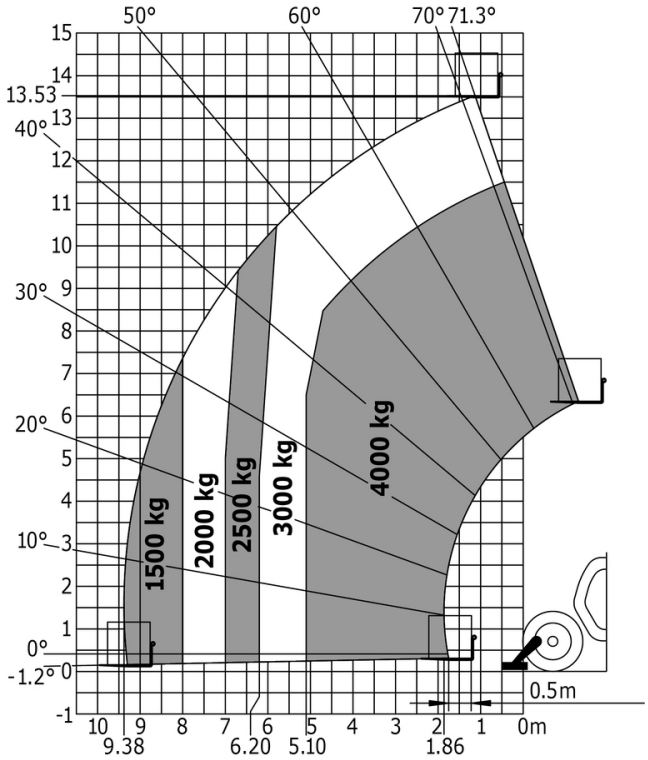


MT 1440 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



MANITOU
HANDLING YOUR WORLD

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