Technical sheet:

MT 1440 A ST5

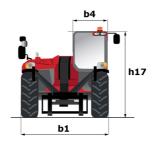


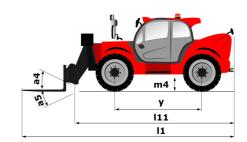


	A313 010	ated on 20 May 2024 at 9:02:30 PM UT
Capacities		Metric
Max. capacity		4000 kg
Max. lifting height		13.53 m
Max. outreach		9.46 m
Breakout force with bucket		7916 daN
Weight and dimensions		7310 daix
	11.1	6.00 ==
Overall length to carriage	l11	6.02 m
Length to face of forks	12	6.13 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	у	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Filt-up angle	a4	12 °
Filt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Overall weight		11200 kg
Unladen weight (with man basket)		11620 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s	1200 mm x 125 mm / 45 mm
Performances		
ifting		16 s
Lowering		14 s
Extension		19.30 s
Scoop		4 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
		TCD 3.6L
Engine model		
Number of cylinders / Capacity of cylinders		4 - 3621 cm³
I.C. Engine power rating - Power		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		9930 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Parking brake		Automatic parking brake
0		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-270 bar
Tank capacities		
Engine oil		10
Hydraulic oil		135 I
Fuel tank		140 I
DEF tank capacity		22.60 l
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Compatible platform		
	Q	1000 kg
Platform capacity		3
Number of people	lp / ep	5000 mm x 1200 mm
Number of people Platform dimensions (length x width)	lp / ep	
Number of people Platform dimensions (length x width) Platform weight*	lp / ep	5000 mm x 1200 mm 1150 kg
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous	lp / ep	1150 kg
Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear)	lp / ep	1150 kg 2 / 2
Platform capacity Number of people Platform dimensions (length x width) Platform weight* Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety cab homologation	lp / ep	1150 kg

MT 1440 A ST5 - Dimensional drawing

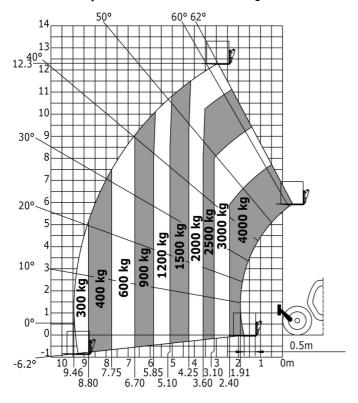




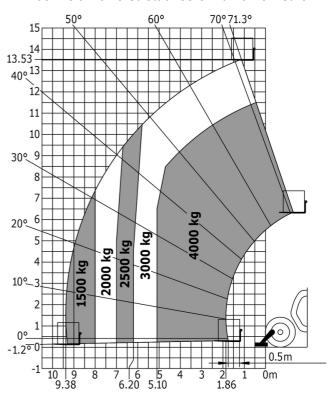


MT 1440 A ST5 - Load chart

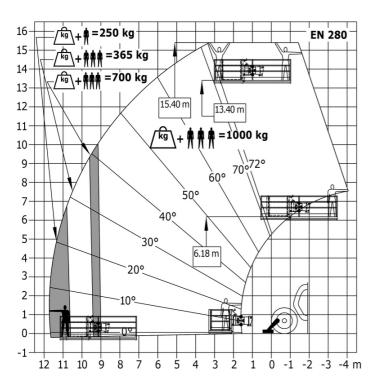
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket 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



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