Technical sheet:

MT 1440 A

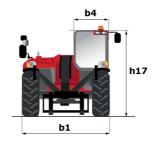


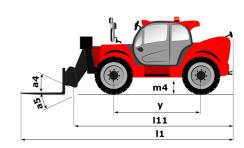


		MT 1440 A	Created on April 25, 2024 at 6:54:04 AM U
Capacities		Metric	Imperial
Max. capacity		4000 kg	8818 lb
Max. lifting height		13.53 m	44 ft 5 in
Max. outreach		9.46 m	31 ft
Breakout force with bucket		7916 daN	7916 daN
Weight and dimensions		7310 dail	7310 dail
Overall length to carriage	l11	6.02 m	19 ft 9 in
			20 ft 1 in
ength to face of forks	12	6.13 m	
Overall width	b1	2.36 m	7 ft 9 in
Overall height	h17	2.45 m	8 ft
Vheelbase	у	3.07 m	10 ft 1 in
Fround clearance	m4	0.37 m	1 ft 3 in
Overall cab width	b4	2.37 m	7 ft 9 in
ïlt-up angle	a4	12 °	12 °
ïlt-down angle	a5	114 °	114 °
xternal turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in
Overall weight		11200 kg	24692 lb
Inladen weight (with man basket)		11620 kg	25618 lb
ires type		Pneumatic	Pneumatic
standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
	I/e/s	1200 mm x 125 mm / 45 mm	47 in x 5 in / 2 in
orks length / width / section	17 e / s	1200 mm x 125 mm / 45 mm	47 III X 5 III / 2 III
Performances			
ifting		14 s	14 s
owering		14 s	14 s
extension		19.70 s	19.70 s
detraction		14.20 s	14.20 s
Crowd		5 s	5 s
lump		5 s	5 s
ingine in the second se			
ingine brand		Perkins	Perkins
ingine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
ingine model		854FE34TA	854FE34TA
-			
Number of cylinders / Capacity of cylinders		4 - 3400 cm ³	4 - 207 in ³
.C. Engine power rating - Power		100 Hp / 75 kW	100 Hp / 75 kW
Max. torque / Engine rotation		430 Nm @ 1400 rpm	317 ft/lbs @ 1400 rpm
Orawbar pull (Laden)		8090 daN	8090 daN
ransmission			
ransmission type		Torque converter	Torque converter
lumber of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		24.90 km/h	15 mph
Parking brake		Automatic parking brake	Automatic parking brake
		Oil-immersed multi-discs braking on front & rear	Oil-immersed multi-discs braking on front & rea
Service brake		axles	axles
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow / Pressure		170 l/min-270 bar	45 US gpm-3916 PSI
ank capacities			
ngine oil		7.50 l	2 US gal
lydraulic oil		135	36 US gal
uel tank		140	37 US gal
PEF tank capacity		21.60 l	6 US gal
loise and vibration			
loise at driving position (LpA)		78 dB	78 dB
loise to environment (LwA)		103 dB	103 dB
ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
ompatible platform			
latform capacity	Q	1000 kg	2205 lb
lumber of people		3	3
Platform dimensions (length x width)	lp / ep	5000 m x 1200 m	16404 ft 2 in x 3937 ft
Patform weight*	ih / ch	1150 kg	2535 lb
Miscellaneous		1150 kg	2000 ID
		2.42	2/2
teering wheels (front / rear)		2/2	2 / 2
Prive wheels (front / rear)		2 / 2	2 / 2
Safety / Safety cab homologation Controls		Standard EN 15000 / ROPS - FOPS level 2 cab JSM	Standard EN 15000 / ROPS - FOPS level 2 cab JSM

MT 1440 A - Dimensional drawing

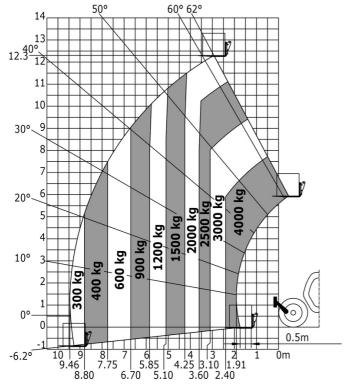




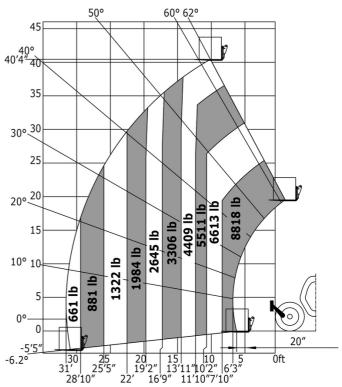


MT 1440 A - Load chart

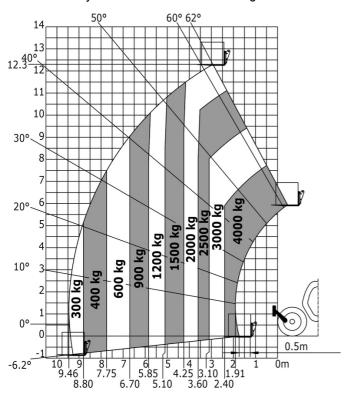
Machine on tyres with forks Metric



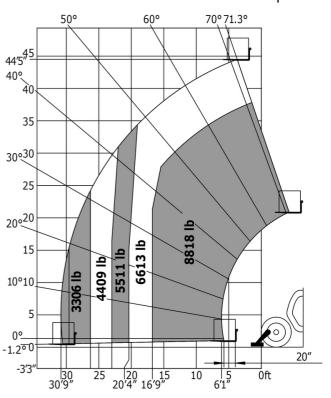
Machine on tyres with forks Imperial



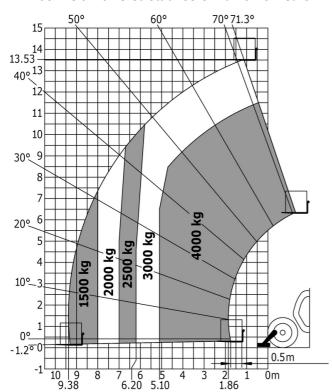
Machine on tyres with forks - with levelling device Metric



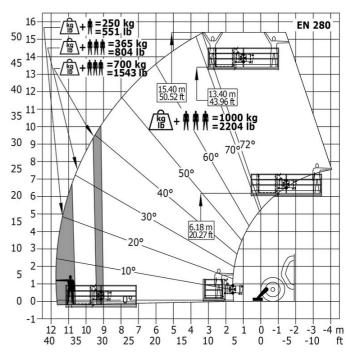
Machine on lowered stabilisers with forks Imperial



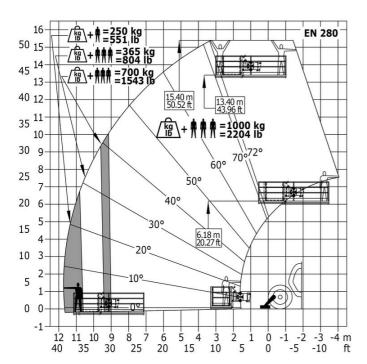
Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Imperial



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