Technical sheet:

# MT 1440 HA



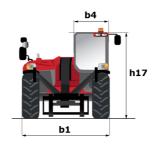


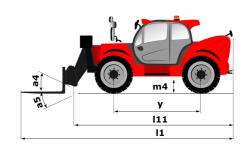
		<b>мт 1440 н</b> А Created on July 3, 2025 at 8:50 PM UT		
Capacities		Metric	Imperial	
Max. capacity		4000 kg	8818 lb	
Max. lifting height		13.53 m	44 ft 5 in	
Maximum outreach		9.46 m	31 ft	
Breakout force with bucket		9390 daN	9390 daN	
Weight and dimensions				
Overall length to carriage	l111	6.02 m	19 ft 9 in	
Length to face of forks	12	6.13 m	20 ft 1 in	
-				
Overall width	b1	2.36 m	7 ft 9 in	
Overall height	h17	2.45 m	8 ft	
Wheelbase	y	3.07 m	10 ft 1 in	
Ground clearance	m4	0.37 m	1 ft 3 in	
Overall cab width	b4	0.89 m	2 ft 11 in	
Filt-up angle	a4	12 °	12 °	
Filt-down angle	a5	114 °	114 °	
External turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in	
Jnladen weight (with forks)		11620 kg	25618 lb	
Overall weight		11200 kg	24692 lb	
Fires type		Pneumatic	Pneumatic	
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8	
	l/e/s	1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in	
Forks length / width / section	1/6/5	1200 111111 X 123 111111 X 43 111111	47 111 X 3 111 X 2 111	
Performances		45.70	45.70	
Lifting		15.70 s	15.70 s	
Lowering		13.30 s	13.30 s	
Extension		19 s	19 s	
Retraction		15 s	15 s	
Crowd		4 s	4 s	
Dump		4 s	4 s	
Engine				
Engine brand		Perkins	Perkins	
Engine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final	
Engine model		854F-E34TA	854F-E34TA	
Number of cylinders / Capacity of cylinders		4 - 3400 cm³	4 - 207 in³	
.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	
		7520 daN		
Drawbar pull (Laden)		7520 dan	7520 daN	
Transmission				
Transmission type		Hydrostatic	Hydrostatic	
Number of gears (forward / reverse)		3 / 3	3 / 3	
Max. travel speed		24.90 km/h	15 mph	
Max. travel speed (may vary according to applicable regulations)		25 km/h	16 mph	
Parking brake		Automatic parking brake	Automatic parking brake	
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axle	
Hydraulics				
Hydraulic pump type		Gear pump	Gear pump	
Hydraulic flow / Pressure		170 l/min-480 bar	45 US gpm-6962 PSI	
Tank capacities			21.	
Engine oil		7.50 l	2 US gal	
		135 I		
Hydraulic oil			36 US gal	
Diesel Exhaust fluid (AdBlue® type)		21.60 l 140 l	6 US gal	
		1/1111		
		1401	37 US gal	
Noise and vibration				
Noise and vibration Noise at driving position (LpA)		78 dB	78 dB	
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA)		78 dB 103 dB	78 dB 103 dB	
Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)		78 dB	78 dB	
Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms		78 dB 103 dB	78 dB 103 dB	
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		78 dB 103 dB	78 dB 103 dB	
Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)		78 dB 103 dB < 2.50 m/s²	78 dB 103 dB < 2.50 m/s²	
Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)  Drive wheels (front / rear)		78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2 2 / 2	78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2 2 / 2	
Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)  Drive wheels (front / rear)  Safety / Cab certification		78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2 2 / 2 Standard EN 15000 / Cabin ROPS - FOPS level 2	78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2 2 / 2 Standard EN 15000 / Cabin ROPS - FOPS level 2	
Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms		78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2 2 / 2	78 dB 103 dB < 2.50 m/s <sup>2</sup> 2 / 2	

Data indicated with basket basket, except max. capacity, lifting height and offset.

### MT 1440 HA - Dimensional drawing

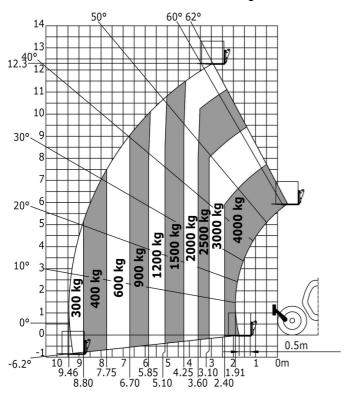




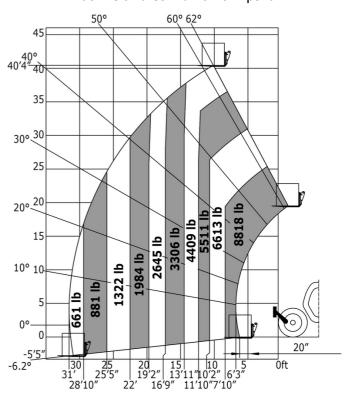


#### MT 1440 HA - Load chart

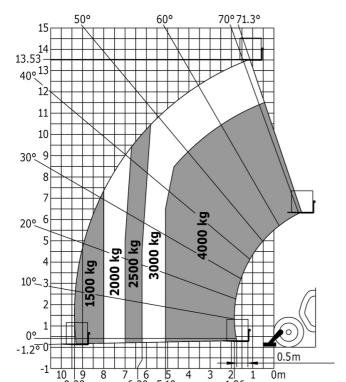
## Machine on tires with forks - with levelling device Metric



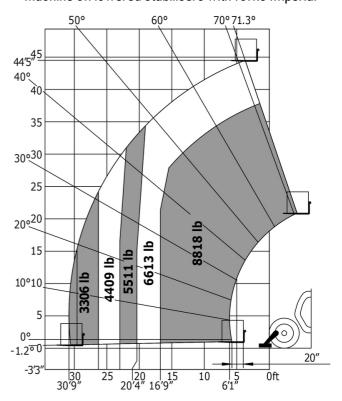
#### Machine on tires with forks Imperial



#### Machine on lowered stabilisers with forks Metric

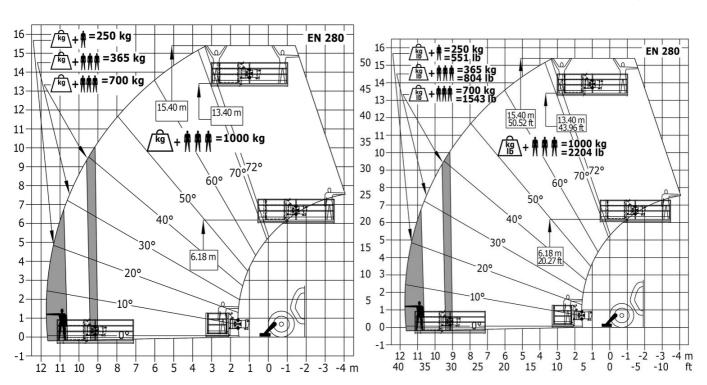


#### Machine on lowered stabilisers with forks Imperial



Machine on stabilisers with Man basket Metric

Machine on stabilisers with Man basket Imperial







#### **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