Technical sheet :



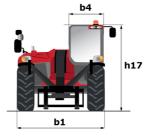


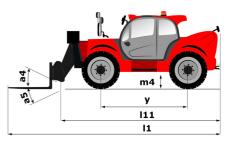


	MT 1840 Created on April 18, 2024 at 5.15.56 AM UTC
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Max. outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	
Overall length to carriage	l11 6.15 m
Length to face of forks	l2 6.27 m
Overall width	b1 2.36 m
Overall 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)	11870 kg
Overall weight	11800 kg
	Pneumatic
Tires type Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s 1200 mm x 125 mm / 45 mm
Performances	
Lifting	16 s
Lowering	12 s
Extension	16 s
Retraction	13 s
Crowd	4 s
Dump	4 s
Engine	
Engine brand	Perkins
Engine norm	Stage IV / Tier 4 Final
Engine model	854F-E34TA
Number of cylinders / Capacity of cylinders	4 - 3400 cm ³
I.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	430 Nm @ 1400 rpm
Drawbar pull (Laden)	6680 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
Service brake	Oil-immersed multi-discs braking on front & rear
	axles
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
Tank capacities	
Engine oil	7.50
Hydraulic oil	135 I
Fuel tank	140 I
DEF tank capacity	21.60 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 / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls	JSM

MT 1840 - Dimensional drawing







мт 1840 Created on April 18, 2024 at 5:15:56 AM UTC

MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric

50° 60° 14 40° 0° 13 <u>12.50</u> 12 11 10 30° 9 8 4000 kg 7 1600 kg 2000 kg 2500 kg 3000 kg 20° 6 5 120Ó kg 4 900 kg 600 kg 10° .3 400 kg 2 1 0° 0 0.5m -4.64°_ -1 10 9 9.60 8.65 8 7 6 5 4 3 2 7.20 5.40 3.90 2.65 6.40 4.70 3.40 2.05 1 0 m

Machine on lowered stabilisers with forks Metric 50° 60° 70° 75.6° 19 <u>17.55</u> 18 17 40° 16 15 14 13 12 30°. 1 10 9 8 4000 kg 20° 3000 kg 2000 kg 2500 kg 6 1600 kg 1200 kg 5 850 kg 10° 4 3 2 1 0° ╒ -0 -0 -1 14 13 12 11 10 9 8 7 6 13.08 11.40 8.65 6.65 9.85 7.45 -1.65 0.5m 3 2 1.94 5 4 1 0m



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