

Technical sheet :

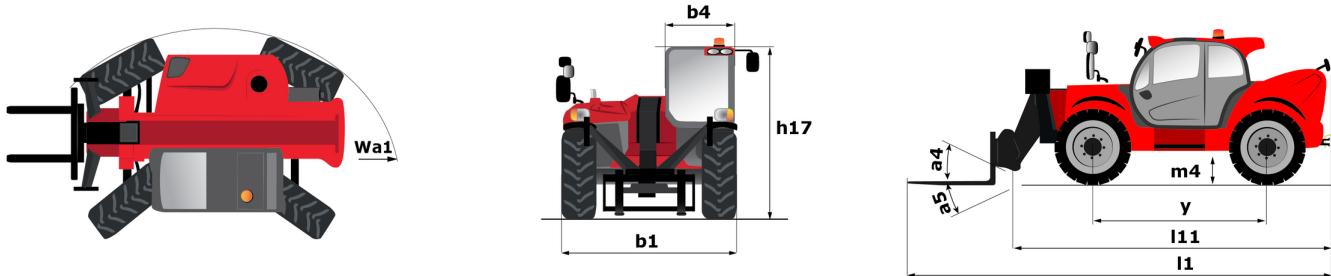
MT 1840 EASY ST5



 **MANITOU**
HANDLING YOUR WORLD

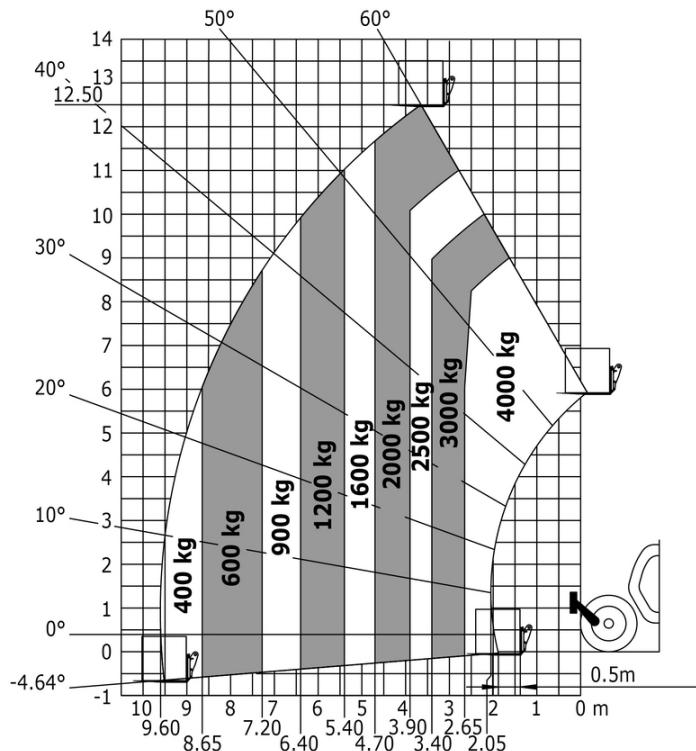
Capacities		Metric	
Max. capacity		4000 kg	
Max. lifting height		17.55 m	
Maximum outreach		13.08 m	
Breakout force with bucket		7400 daN	
Weight and dimensions			
Overall length to carriage	I11	6.15 m	
Length to face of forks	I2	6.27 m	
Overall width	b1	2.36 m	
Overall height	h17	2.45 m	
Wheelbase	y	3.07 m	
Ground clearance	m4	0.37 m	
Overall cab width	b4	0.89 m	
Tilt-up angle	a4	16 °	
Tilt-down angle	a5	110 °	
External turning radius (over tyres)	Wa1	3.94 m	
Unladen weight (with forks)		11710 kg	
Overall weight		11710 kg	
Tires type		Inflatable	
Standard tires		Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		17.50 s	
Lowering		13.10 s	
Extension		16.50 s	
Retraction		16.60 s	
Crowd		4.80 s	
Dump		4.20 s	
Engine			
Engine brand		Deutz	
Engine norm		Stage V, Tier 4 final	
Engine model		TD 3.6 L	
Number of cylinders / Capacity of cylinders		4 - 3621 cm³	
Engine power (Hp/kW)		75 Hp / 55.40 kW	
Max. torque / Engine rotation		340 Nm @ 1600 rpm	
Drawbar pull (Laden)		8320 daN	
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		106 l/min-270 bar	
Tank capacities			
Engine oil		7.50 l	
Hydraulic oil		135 l	
Hydraulic tank capacity		10 l	
Fuel		140 l	
Noise and vibration			
Noise at driving position (LpA)		79 dB	
Noise to environment (LWA)		102 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 1840 easy ST5 - Dimensional drawing

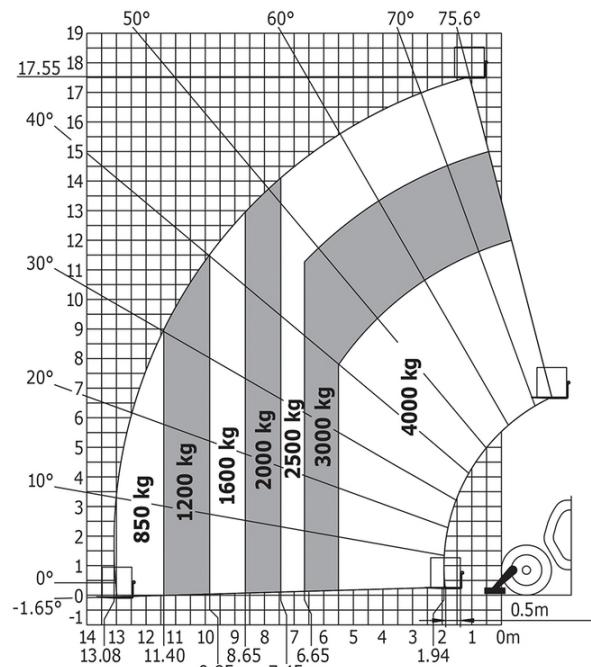


MT 1840 easy ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks 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