Technical sheet:

MT 1840 ST5

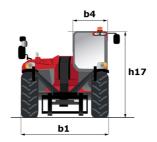


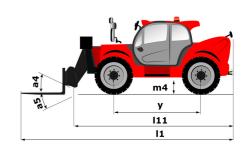


	MT 1840 ST5 Created on August 21, 2025 at 9:45 AN
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
Maximum outreach	13.08 m
Breakout force with bucket	7766 daN
Weight and dimensions	7700 ddii
Overall length to carriage	l11 6.15 m
Length to face of forks	12 6.27 m
Overall width	
Overall height	h17 2.45 m
Wheelbase	y 3.07 m
Ground clearance	m4 0.37 m
Overall cab width	b4 0.89 m
Filt-up angle	a4 16 °
Filt-down angle	a5 110°
External turning radius (over tyres)	Wa1 3.94 m
Unladen weight (with forks)	11870 kg
Overall weight	11870 kg
Fires 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	
ifting	16 s
_owering	12 s
Extension	16 s
Retraction	13 s
Scoop	4 s
Crowd	4 s
Dump	4 s
Engine	
Engine brand	Deutz
Engine norm	Stage V
Engine model	TCD 3.6
Number of cylinders / Capacity of cylinders	4 - 3621 cm³
.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	7850 daN
Fransmission	
Fransmission type	Torque converter
Number of gears (forward / reverse)	4/4
Fravel speed (laden)	25 km/h
Aax. travel speed	24.90 km/h
Max. travel speed (may vary according to applicable regulations)	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Oil-immersed multi-discs on front & rear ax
Hydraulics	
lydraulic pump type	Gear pump
Hydraulic flow / Pressure	167 l/min-270 bar
ank capacities	
ingine oil	10
lydraulic oil	135
Diesel Exhaust fluid (AdBlue® type)	22.60
uel tank	140 I
loise and vibration	
Noise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
/ibration on hands/arms	< 2.50 m/s²
Miscellaneous	× 2.30 III/S
	2/2
Steering wheels (front / rear)	
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2

MT 1840 ST5 - Dimensional drawing

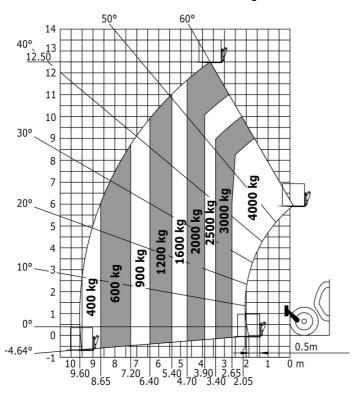




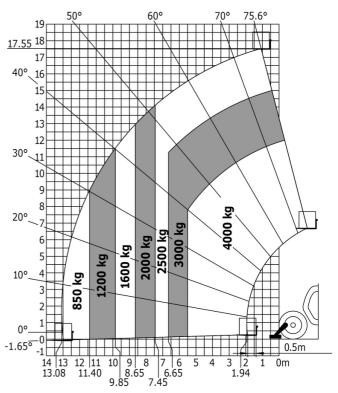


MT 1840 ST5 - Load chart

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