Technical sheet:

MT 1840 A 100D ST5 S1

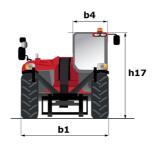


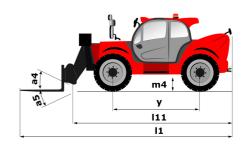


	MT 1840 A 100D ST5 S1 Created on August 1, 2025 at 8:52 PM
Capacities	Metric
Max. capacity	4000 kg
Max. lifting height	17.55 m
faximum outreach	13.08 m
reakout force with bucket	8391 daN
/eight and dimensions	OOT duit
	l11 6.15 m
verall length to carriage	
ength to face of forks	12 6.27 m
verall width	b1 2.36 m
verall height	h17 2.45 m
heelbase	y 3.07 m
round clearance	m4 0.37 m
verall cab width	b4 0.89 m
ilt-up angle	a4 12°
ilt-down angle	a5 114°
xternal turning radius (over tyres)	Wa1 3.94 m
nladen weight (with forks)	12650 kg
verall weight	12400 kg
ires type	Inflatable
tandard tires	Alliance 400/80 - 24 - 162A8
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
erformances	
ifting	14 s
owering	14 s
xtension	19 s
etraction	15 s
соор	5 s
ump	5 s
ingine	
ingine brand	Deutz
ngine norm	Stage V
•	
ngine model	TCD 3.6
umber of cylinders / Capacity of cylinders	4 - 3621 cm³
C. Engine power rating - Power	100 Hp / 75 kW
lax. torque / Engine rotation	410 Nm @ 1600 rpm
rawbar pull (Laden)	8391 daN
ransmission	
ransmission type	Torque converter
umber of gears (forward / reverse)	4 / 4
ravel speed (laden)	25 km/h
ax. travel speed	24.90 km/h
lax. travel speed (may vary according to applicable regulations)	24.90 km/h
arking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs on front & rear axles
ydraulics	
ydraulic pump type	Gear pump
ydraulic flow / Pressure	167 l/min-270 bar
ank capacities	
ngine oil	10
ydraulic oil	135
iesel Exhaust fluid (AdBlue® type)	22.60
uel tank	140
oise and vibration	
oise at driving position (LpA)	79 dB
oise to environment (LwA)	106 dB
` '	
ibration on hands/arms	< 2.50 m/s²
liscellaneous	
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

MT 1840 A 100D ST5 S1 - Dimensional drawing





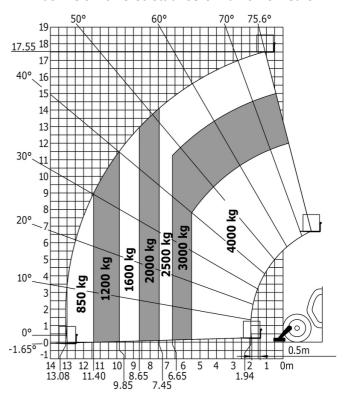


MT 1840 A 100D ST5 S1 - Load chart

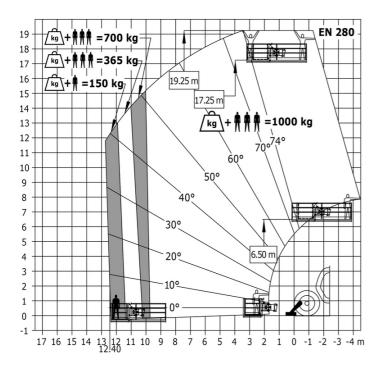
Machine on tires with forks - with levelling device Metric

14 40° 13 12 11 10 30° 9 8 7 20° 6 5 4 10° 3 2 10° 4 4 10° 3 2 10° 6 5 10° 6 10° 7 10° 9 10° 8 10° 9 10° 8 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10° 9 10°

Machine on lowered stabilisers with forks Metric



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