Technical sheet:

MT-X 1840 A

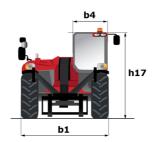


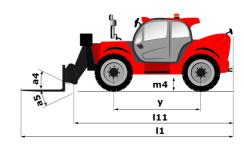


	мт-х 1840 A Created on September 15, 2025 at 8:41	PM UT
Capacities	Metric	
Max. capacity	4000 kg	
Max. lifting height	17.55 m	
Maximum outreach	9.60 m	
Breakout force with bucket	8400 daN	
Weight and dimensions		
Overall length to carriage	l11 6.16 m	
Length to face of forks	l2 6.27 m	
Overall width	b1 2.42 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)		
Overall weight	12560 kg	
Unladen weight (with man basket)	12560 kg	
Tires type	Pneumatic	
Standard tires	Alliance 400/80 - 24 - 162A8	
Forks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm	
Performances		
Lifting	18 s	
Lowering	14.40 s	
Extension	17.90 s	
Retraction	16.50 s	
Crowd	5.10 s	
Dump	4 s	
Engine		
Engine brand	Perkins	
Engine norm	Stage IIIA	
Max. fuel sulphur content	5000 ppm	
Engine model	1104D-44TA	
Number of cylinders / Capacity of cylinders	4 - 4400 cm ³	
I.C. Engine power rating - Power	101 Hp / 74.50 kW	
Max. torque / Engine rotation	400 Nm @ 1400 pm	
Drawbar pull (Laden)	10000 daN	
Transmission	10000 0014	
Transmission type	Torque converter	
Number of gears (forward / reverse)	4 / 4	
	4 / 4 24.90 km/h	
Max. travel speed		
Parking brake	Automatic Negative Hand-brake	+0
Service brake	Oil-immersed multi-discs braking on fron axles	it & rear
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow / Pressure	167 l/min-265 bar	
Tank capacities	197 1/11111 220 501	
Engine oil	11.40 l	
Hydraulic oil	1351	
Hydraulic tank capacity	1751	
Fuel tank	140 l	
Noise and vibration		
Noise at driving position (LpA)	82 dB	
Noise to environment (LwA)	105 dB	
Vibration on hands/arms	< 2.50 m/s²	
Compatible platform		
Platform capacity	Q 1000 kg	
Number of people	3	
Platform dimensions (length x width)	lp / ep 5000 m x 1200 m	
Platform weight*	1150 kg	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

MT-X 1840 A - Dimensional drawing



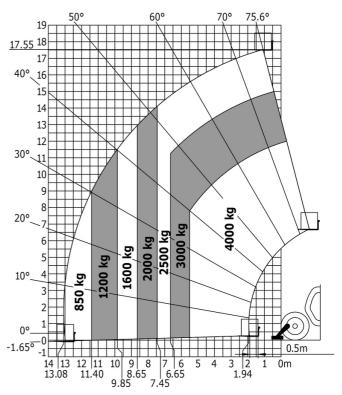




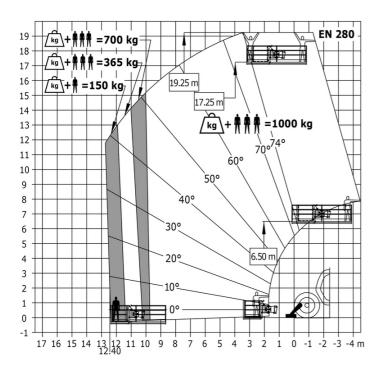
MT-X 1840 A - Load chart

Machine on tires with forks - with levelling device Metric

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