Technical sheet :

MT-X 1840



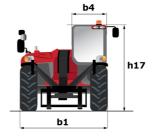


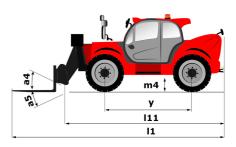
мт-х 1840	Created on	May 3,	2024 at	5:42:03	PM UTC
-----------	------------	--------	---------	---------	--------

Capacities Max. capacity Max. lifting height Max. outreach Breakout force with bucket Wight and dimensions Overall length to carriage Length to face of forks Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unaden weight (with forks) Overall weight	111 12 b1 h17 y m4 b4 a4 a5 Wa1	Metric 4000 kg 17.55 m 13.08 m 7500 daN 6.16 m 6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 ° 114 °
Max. lifting height Max. outreach Breakout force with bucket Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	17.55 m 13.08 m 7500 daN 6.16 m 6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Max. outreach Breakout force with bucket Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	13.08 m 7500 daN 6.16 m 6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Breakout force with bucket Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	7500 daN 6.16 m 6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Weight and dimensions Overall length to carriage Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	6.16 m 6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Overall length to carriageLength to face of forksOverall widthOverall heightWheelbaseGround clearanceOverall cab widthTilt-up angleTilt-down angleExternal turning radius (over tyres)Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Length to face of forks Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks)	12 b1 h17 y m4 b4 a4 a5	6.27 m 2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Overall width Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External tuming radius (over tyres) Unladen weight (with forks)	b1 h17 y m4 b4 a4 a5	2.42 m 2.45 m 3.07 m 0.37 m 0.89 m 12 °
Overall height Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	h17 y m4 b4 a4 a5	2.45 m 3.07 m 0.37 m 0.89 m 12 °
Wheelbase Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	y m4 b4 a4 a5	3.07 m 0.37 m 0.89 m 12 °
Ground clearance Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	m4 b4 a4 a5	0.37 m 0.89 m 12 °
Overall cab width Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	m4 b4 a4 a5	0.89 m 12 °
Tilt-up angle Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	a4 a5	12 °
Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	a5	
Tilt-down angle External turning radius (over tyres) Unladen weight (with forks)	a5	
External turning radius (over tyres) Unladen weight (with forks)		114
Unladen weight (with forks)		3.94 m
		11630 kg
		11600 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 -162A8
Forks length / width / section	l/e/s	1200 mm x 125 mm / 50 mm
Performances	17673	
Lifting		17.30 s
Lowering		12.70 s
Extension		16.10 s
Retraction		15.60 s
		5 s
Crowd		
Dump		4 s
Engine Frankrand		Perkins
Engine brand		
Engine norm		Stage IIIA
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 rpm
Drawbar pull (Laden)		10000 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		24.90 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 I/min-270 bar
Tank capacities		
Engine oil		11.40 l
Hydraulic oil		135
Fuel tank		140 l
Noise and vibration		1401
Noise at driving position (LpA)		82 dB
Noise to environment (LWA)		105 dB
Vibration on hands/arms		< 2.50 m/s ²
Vidration on nands/arms Miscellaneous		< 2.50 III/S*
		2/2
Steering wheels (front / rear) Drive wheels (front / rear)		2/2
Safety cab homologation		272 ROPS - FOPS level 2 cab
Sarety cab nomologation Controls		JSM

MT-X 1840 - Dimensional drawing



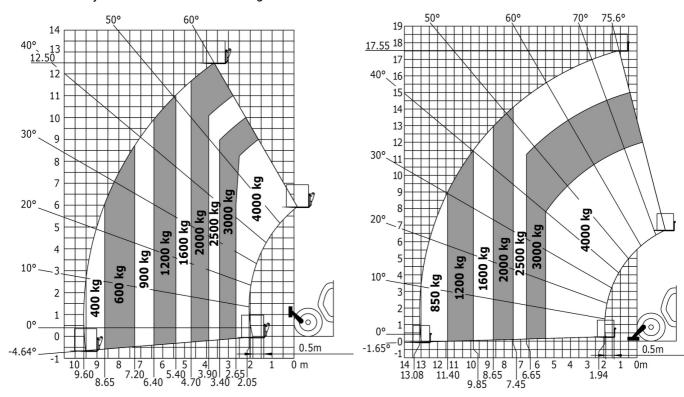




MT-X 1840 - Load chart

Machine on tyres 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