Technical sheet:

MT-X 1840

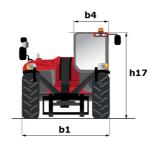




		мт-х 1840 Created on July 3, 2025 at 8:51 PM UTC		
Capacities		Metric	Imperial	
Max. capacity		4000 kg	8818 lb	
Max. lifting height		17.55 m	57 ft 7 in	
Maximum outreach		13.08 m	42 ft 11 in	
Breakout force with bucket		7500 daN	7500 daN	
Weight and dimensions				
Overall length to carriage	l11	6.16 m	20 ft 3 in	
Length to face of forks	12	6.27 m	20 ft 7 in	
Overall width	b1	2.42 m	7 ft 11 in	
Overall height	h17	2.45 m	8 ft	
Wheelbase	y	3.07 m	10 ft 1 in	
Ground clearance	m4	0.37 m	1 ft 3 in	
Overall cab width	b4	0.89 m	2 ft 11 in	
Tilt-up angle	a4	12 °	12 °	
Tilt-down angle	a5	114 °	114 °	
External turning radius (over tyres)	Wa1	3.94 m	12 ft 11 in	
Unladen weight (with forks)	vva i	11630 kg	25640 lb	
Overall weight		11600 kg	25574 lb	
Tires type		Pneumatic	Pneumatic	
Standard tires			Alliance 400/80 - 24 -162A8	
	1/0/0	Alliance 400/80 - 24 -162A8		
Forks length / width / section	l/e/s	1200 mm x 125 mm x 50 mm	47 in x 5 in x 2 in	
Performances		17.00 -	17.00 -	
Lifting		17.30 s	17.30 s	
Lowering		12.70 s	12.70 s	
Extension		16.10 s	16.10 s	
Retraction		15.60 s	15.60 s	
Crowd		5 s	5 s	
Dump		4 s	4 s	
Engine France		Perkins	Perkins	
Engine brand				
Engine norm		Stage IIIA	Stage IIIA	
Engine model		1104D-44TA	1104D-44TA	
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	4 - 269 in³	
I.C. Engine power rating - Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW	
Max. torque / Engine rotation		400 Nm @ 1400 rpm	295 ft/lbs @ 1400 rpm	
Drawbar pull (Laden)		10000 daN	10000 daN	
Transmission		Torriso consister	Tarmus comunidas	
Transmission type		Torque converter	Torque converter	
Number of gears (forward / reverse)		4 / 4 24.90 km/h	4 / 4	
Max. travel speed		24.90 km/n 24.90 km/h	15 mph	
Max. travel speed (may vary according to applicable regulations)			15 mph	
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles	
Hydraulies				
Hydraulic pump type		Gear pump	Gear pump	
Hydraulic flow / Pressure		167 l/min-270 bar	44 US gpm-3916 PSI	
Tank capacities				
Engine oil		11.40	3 US gal	
Hydraulic oil		135 I	36 US gal	
Hydraulic tank capacity		175 I	46 US gal	
Fuel tank		140 I	37 US gal	
Noise and vibration				
Noise at driving position (LpA)		82 dB	82 dB	
Noise to environment (LwA)		105 dB	105 dB	
Vibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s²	
Miscellaneous		2.00 11/0	2.00 m/0	
Steering wheels (front / rear)		2/2	2/2	
Drive wheels (front / rear)		2/2	2/2	
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2	
			545 1.0. 0 1 01 0 1C1C1 L	

MT-X 1840 - Dimensional drawing

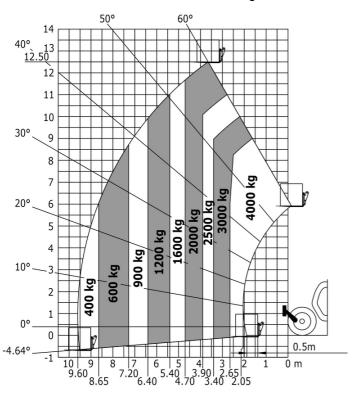




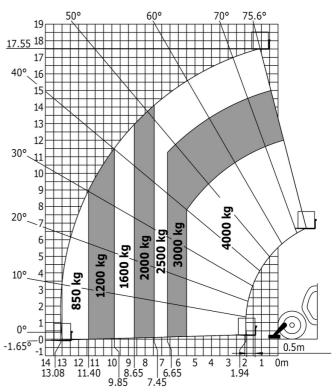


MT-X 1840 - Load chart

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