Technical sheet:

MT-X 735

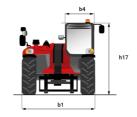


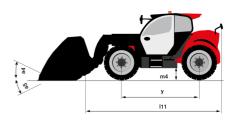


	MT-x 735 Created on July 31, 2025 at 7:49 PM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6980 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Overall length (with forks)	I1 5.98 m
Overall width	b1 2.26 m
Overall height	h17 2.48 m
Wheelbase Ground clearance	y 2.80 m
	m4 0.36 m
Overall cab width	b4 0.95 m
Tilt-up angle	a4 13 °
Tilt-down angle	a5 114°
External turning radius (over tyres)	Wa1 3.77 m
Unladen weight (with forks)	6970 kg
Unladen weight	6660 kg
Tires type	Pneumatic
Standard tires	Apollo 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 100 mm x 50 mm
Performances	
Lifting	6.60 s
Lowering	5 s
Extension	5.90 s
Retraction	4.60 s
Crowd	3.10 s
Dump	3.10 s
Engine	
Engine brand	Perkins
Engine norm	Stage IIIA
Engine model	1104D-44T NL85156
Number of cylinders / Capacity of cylinders	4 - 4400 cm ³
I.C. Engine power rating - Power	95 Hp / 70 kW
Max. torque / Engine rotation	392 Nm @ 1400 rpm
Drawbar pull	5650 daN
Drawbar pull (Laden)	8050 daN
Electric circuit	
12V Battery capacity	110 Ah
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
Max. travel speed	25 km/h
Max. travel speed (may vary according to applicable regulations)	24.50 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
Hydraulics	
Hydraulic pump type	Axial piston
Hydraulic Pressure	260 bar
Tank capacities	
Engine oil	11.40
Hydraulic oil	129
Fuel tank	103 I
Noise and vibration	
Noise at driving position (LpA)	82 dB
Noise to environment (LwA)	105 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	× 2.30 III/S
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2 / 2 Standard EN 15000 / Cabin POPS - EODS lovel /
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls	JSM

MT-X 735 - Dimensional drawing

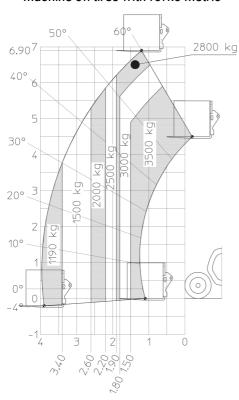






MT-X 735 - Load chart

Machine on tires 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