Technical sheet :







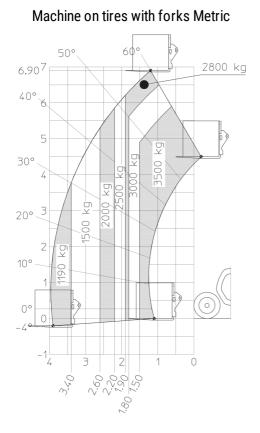
	мт-х 735 Created on August 1, 2025 at 6:44 PM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6980 daN
Veight and dimensions	
	l11 4.70 m
Iverall length to carriage	
Iverall length (with forks)	l1 5.98 m
Dverall width	b1 2.26 m
lverall height	h17 2.48 m
/heelbase	y 2.80 m
cround clearance	m4 0.36 m
iverall cab width	b4 0.95 m
ïlt-up angle	a4 13 °
ïlt-down angle	a5 114 °
xternal turning radius (over tyres)	Wa1 3.77 m
Inladen weight (with forks)	6970 kg
Inladen weight	6660 kg
ïres type	Pneumatic
tandard tires	Apollo 400/80 - 24 - 162A8
orks length / width / section	l / e / s 1200 mm x 100 mm x 50 mm
Performances	
ifting	6.60 s
owering	5 s
xtension	5.90 s
letraction	4.60 s
crowd	3.10 s
lump	3.10 s
ingine	
ingine brand	Perkins
Ingine norm	Stage IIIA
ingine model	1104D-44T NL85156
Number of cylinders / Capacity of cylinders	4 - 4400 cm³
C. Engine power rating - Power	95 Hp / 70 kW
Aax. torque / Engine rotation	392 Nm @ 1400 pm
Irawbar pull	5650 daN
Drawbar pull (Laden)	8050 daN
lectric circuit	
2V Battery capacity	110 Ah
ransmission	
ransmission type	Torque converter
lumber of gears (forward / reverse)	4 / 4
Nax. travel speed	25 km/h
fax. travel speed (may vary according to applicable regulations)	24.50 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
lydraulics	
lydraulic pump type	Axial piston
lydraulic Pressure	260 bar
ank capacities	
ingine oil	11 /0
	11.40
ydraulic oil	129
uel tank	103 l
oise and vibration	
loise at driving position (LpA)	82 dB
loise to environment (LwA)	105 dB
fibration on hands/arms	< 2.50 m/s²
Aiscellaneous	
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level

MT-X 735 Created on August 1, 2025 at 6:44 PM UTC

MT-X 735 - Dimensional drawing



MT-X 735 - Load chart





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