Technical sheet :





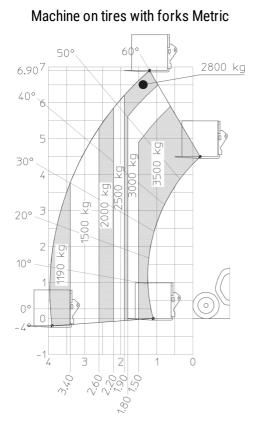


Capacities		Metric
Max. capacity		3500 kg
fax. lifting height		6.90 m
Maximum outreach		4 m
Breakout force with bucket		6980 daN
Neight and dimensions		
)verall length to carriage	11	4.70 m
Dverall length (with forks)	11	5.98 m
Dverall width	b1	2.26 m
Dverall height	h17	2.48 m
Vheelbase	у	2.80 m
Ground clearance	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
Jnladen weight (with forks)		6970 kg
Unladen weight		6660 kg
Tires type		Pneumatic
Standard tires		Apollo 400/80 - 24 - 162A8
Forks length / width / section	l / 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 cm³
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		
Fransmission 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		Axial piston
Hydraulic pump type Hydraulic Pressure		
nydraunic messule Tank capacities		260 bar
Engine oil		11.40 l
Hydraulic oil		129
Fuel tank		103
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
vioration on nanos/arms Miscellaneous		× 2.30 m/s*
		2/2
Steering wheels (front / rear) Drive wheels (front / rear)		2/2
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS leve
Sarety / Cab cerunication Controls		JSM

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