Technical sheet:

MT 735 75D ST5

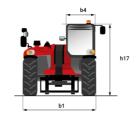


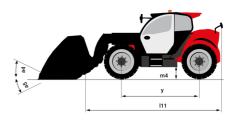


	MT 735 75D ST5 Created on August 12, 2025 at 6:03 PM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6850 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
ength to face of forks	l2 4.78 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.27 m
Overall height	h17 2.48 m
Vheelbase	y 2.80 m
Ground clearance	m4 0.42 m
Overall cab width	b4 0.95 m
ilt-up angle	a4 13 °
ilt-down angle	a5 114°
external turning radius	Wa3 3.78 m
external turning radius (over tyres)	Wa1 3.78 m
Inladen weight (with forks)	6930 kg
Inladen weight	6610 kg
Overall weight	6930 kg
Tires type	Inflatable
Standard tires	Alliance 400/80 - 24 -162A8
Forks length / width / section	I / e / s 1200 mm x 100 mm x 50 mm
Performances	
ifting	5.90 s
.owering	4.20 s
extension	12.30 s
Retraction	4.70 s
Crowd	3.50 s
Dump	3.60 s
Engine	3.00 3
Engine brand	Deutz
	Stage V / Tier 4 Final
Engine norm	TCD 3.6 L
ingine model	
Number of cylinders / Capacity of cylinders	4 - 2924 cm³
.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	375 Nm @ 1400 rpm
Orawbar pull (Laden)	7220 daN
IVO validated (according to EN 15940 standard)	Yes
Electric circuit	
2V Battery capacity	110 Ah
ransmission	
ransmission type	Torque converter
Number of gears (forward / reverse)	4/4
Max. travel speed	24.70 km/h
Max. travel speed (may vary according to applicable regulations)	24.70 km/h
Parking brake	Automatic parking brake
ervice brake	Hydraulic servo brake
lydraulics	
lydraulic pump type	Axial piston
lydraulic flow / Pressure	110 l/min-260 bar
ank capacities	
ngine oil	8.50 I
ydraulic oil	129
uel tank	103 l
loise and vibration	
loise at driving position (LpA)	77 dB
loise to environment (LwA)	104 dB
/ibration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Orive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS leve
	JSM

MT 735 75D ST5 - Dimensional drawing

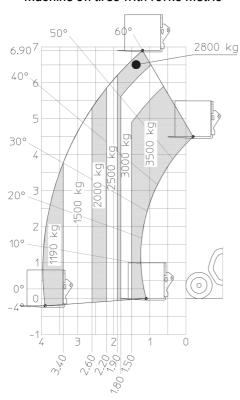






MT 735 75D ST5 - Load chart

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