Technical sheet:

MT 935 75D ST5

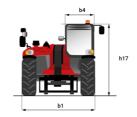


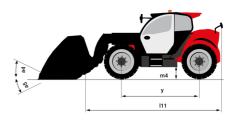


	MT 935 75D ST5 Created on 3 May 2024 at 09:26:37 U
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	9 m
Max. outreach	6.40 m
Breakout force with bucket	7180 daN
	7180 dan
Weight and dimensions	144
Overall length to carriage	l11 4.70 m
Length to face of forks	l2 4.78 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.27 m
Overall height	h17 2.48 m
Wheelbase	y 2.80 m
Ground clearance	m4 0.42 m
Overall cab width	b4 0.95 m
Tilt-up angle	a4 13°
Tilt-down angle	a5 114°
External turning radius	Wa3 3.77 m
	Wa1 3.78 m
External turning radius (over tyres)	
Unladen weight (with forks)	7480 kg
Overall weight	7480 kg
Tires type	Pneumatic
Standard tires	ALLIANCE 400/80-24 162A8 A325
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 100 mm / 50 mm
Performances	
Lifting	7.20 s
Lowering	4.70 s
Extension	11 s
Retraction	7 s
Crowd	3 s
	3.40 s
Dump	5.40 \$
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 2.9I 2501-7118
Number of cylinders / Capacity of cylinders	4 - 2924 cm³
I.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	375 Nm @ 1400 rpm
Drawbar pull (Laden)	7220 daN
Electric circuit	
12V Battery capacity	110 Ah
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
- , ,	24.70 km/h
Max. travel speed	
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
Hydraulics	
Hydraulic pump type	Axial piston
Hydraulic Pressure	270 bar
Tank capacities	
Engine oil	8.50 I
Hydraulic oil	90 I
Fuel tank	137 I
Noise and vibration	
Noise at driving position (LpA)	77 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s ²
	× 2.30 III/S²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls	JSM

MT 935 75D ST5 - Dimensional drawing

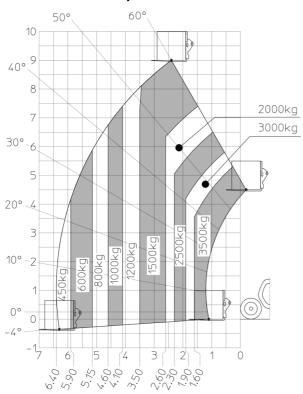






MT 935 75D ST5 - Load chart

Machine on tyres 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