Technical sheet:

# MT 735 75D ST5

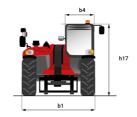


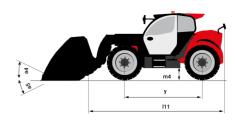


Capacities	Metric
lax. capacity	3500 kg
lax. lifting height	6.90 m
ax. outreach	4 m
reakout force with bucket	6850 daN
eight and dimensions	
verall length to carriage	I11 4.70 m
ength to face of forks	l2 4.78 m
verall length (with forks)	l1 5.98 m
verall width	b1 2.27 m
verall height	h17 2.48 m
/heelbase	y 2.80 m
round clearance	m4 0.42 m
Iverall cab width	b4 0.95 m
ilt-up angle	a4 13 °
ilt-down angle	a5 114 °
xternal turning radius	Wa3 3.78 m
xternal turning radius (over tyres)	Wa1 3.78 m
nladen weight (with forks)	6930 kg
nladen weight	6610 kg
·	
Iverall weight	6930 kg Pneumatic
Tires type Standard tires	ALLIANCE 400/80-24 162A8 A325
Standard tires	Alliance 400/80 - 24 -162A8
orks length / width / section	I / e / s 1200 mm x 100 mm / 50 mm
Performances	500
ifting .	5.90 s
owering	4.20 s
extension	12.30 s
etraction	4.70 s
Crowd	3.50 s
Dump	3.60 s
Engine	
Engine brand	Deutz
ingine norm	Stage V / Tier 4 Final
ingine model	TCD 3.6 L
lumber 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
Drawbar pull (Laden)	7220 daN
IVO validated (according to EN 15940 standard)	Yes
Electric circuit	
2V Battery capacity	110 Ah
ransmission	
ransmission type	Torque converter
lumber of gears (forward / reverse)	4 / 4
Max. travel speed	24.70 km/h
Parking brake	Automatic parking brake
ervice brake	Hydraulic servo brake
	пушашіс зегуо ріаке
Hydraulics	Australiator
lydraulic pump type	Axial piston
lydraulic Pressure	260 bar
ank capacities	
ngine oil	8.50 1
ydraulic oil	149 I
uel tank	137 l
oise and vibration	
loise at driving position (LpA)	77 dB
loise to environment (LwA)	104 dB
ibration on hands/arms	< 2.50 m/s <sup>2</sup>
fiscellaneous	
teering wheels (front / rear)	2/2
	2/2
ilive wheels (Hont / lear)	
Orive wheels (front / rear) Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 ca

#### MT 735 75D ST5 - Dimensional drawing

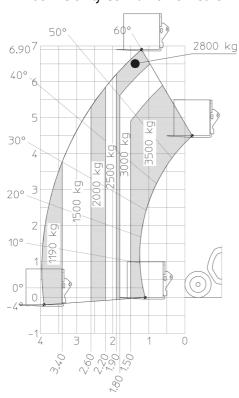






## MT 735 75D ST5 - Load chart

## 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