Technical sheet:

MT 735 75D ST5

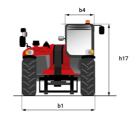


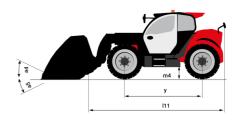


Capacities Max. capacity		
Max. capacity		Metric
		3500 kg
Max. lifting height		6.90 m
Maximum outreach		4 m
Breakout force with bucket		6850 daN
Weight and dimensions		
Overall length to carriage	I11	4.70 m
ength to face of forks	12	4.78 m
Overall length (with forks)	I1	5.98 m
Overall width	b1	2.27 m
Overall height	h17	2.48 m
Vheelbase	у	2.80 m
Ground clearance	m4	0.42 m
Overall cab width	b4	0.95 m
Filt-up angle	a4	13 °
Tilt-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
Fires 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
xtension		12.30 s
detraction		4.70 s
Crowd		3.50 s
Dump		3.60 s
ingine		
Engine brand		Deutz
Engine norm		Stage V / Tier 4 Final
Engine model		TCD 3.6 L
lumber of cylinders / Capacity of cylinders		4 - 2924 cm³
.C. Engine power rating - Power		75 Hp / 55.40 kW
Aax. torque / Engine rotation		375 Nm @ 1400 rpm
Drawbar pull (Laden)		7220 daN
tVO validated (according to EN 15940 standard)		Yes
Electric circuit		103
2V Battery capacity		110 Ah
ransmission		TIVAII
ransmission type		Torque converter
,,		4 / 4
lumber of gears (forward / reverse)		24.70 km/h
Aax. travel speed		24.70 km/h
Max. travel speed (may vary according to applicable regulations)		
Parking brake		Automatic parking brake
Service brake		Hydraulic servo brake
lydraulics		
lydraulic pump type		Axial piston
ydraulic flow / Pressure		110 l/min-260 bar
ank capacities		
ngine oil		8.50 l
ydraulic oil		129 I
uel tank		103 l
Prince of the first form		
		77 dB
loise at driving position (LpA)		104 dB
Noise at driving position (LpA) Noise to environment (LwA)		
Noise at driving position (LpA) Noise to environment (LwA) /ibration on hands/arms		< 2.50 m/s ²
loise at driving position (LpA) loise to environment (LwA) fibration on hands/arms discellaneous		
loise at driving position (LpA) loise to environment (LwA) fibration on hands/arms discellaneous teering wheels (front / rear)		2/2
Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) Drive wheels (front / rear) Safety / Cab certification		

MT 735 75D ST5 - Dimensional drawing

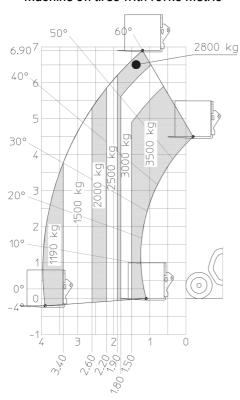






MT 735 75D ST5 - Load chart

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



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