Technical sheet:

# MT 735 75D ST5

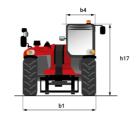


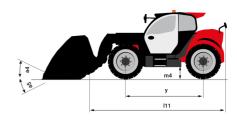


	MT 735 75D ST5 Created on August 2, 2025 at 3:49 AM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6850 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
ength to face of forks	12 4.78 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.27 m
Overall height	h17 2.48 m
Vheelbase	y 2.80 m
round clearance	m4 0.42 m
Overall 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
verall weight	6930 kg
ires type	Inflatable
tandard tires	Alliance 400/80 - 24 -162A8
orks length / width / section	I / e / s 1200 mm x 100 mm x 50 mm
erformances	
ifting	5.90 s
owering	4.20 s
xtension	12.30 s
etraction	4.70 s
rowd	3.50 s
	3.60 s
Dump Indiana	3:00 \$
ingine	
ngine brand	Deutz
ngine nom	Stage V / Tier 4 Final
ngine model	TCD 3.6 L
umber of cylinders / Capacity of cylinders	4 - 2924 cm <sup>3</sup>
C. Engine power rating - Power	75 Hp / 55.40 kW
fax. torque / Engine rotation	375 Nm @ 1400 rpm
rawbar pull (Laden)	7220 daN
VO validated (according to EN 15940 standard)	Yes
lectric circuit	
2V Battery capacity	110 Ah
ransmission	
ransmission type	Torque converter
umber of gears (forward / reverse)	4 / 4
lax. travel speed	24.70 km/h
ax. travel speed (may vary according to applicable regulations)	24.70 km/h
arking brake	Automatic parking brake
ervice brake	Hydraulic servo brake
ydraulics	
ydraulic pump type	Axial piston
ydraulic flow / Pressure	110 l/min-260 bar
ank capacities	110 I/IIIII-200 DdI
ngine oil	0.501
•	8.50
ydraulic oil	129
uel tank	103
oise and vibration	
oise at driving position (LpA)	77 dB
oise to environment (LwA)	104 dB
ibration on hands/arms	< 2.50 m/s²
fiscellaneous	
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2/2
afety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS lew
Controls	JSM

### MT 735 75D ST5 - Dimensional drawing

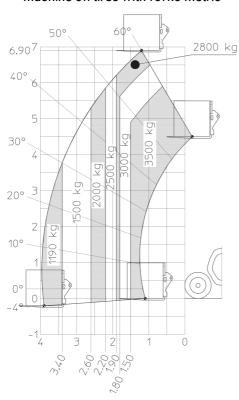






## MT 735 75D ST5 - Load chart

#### Machine on tires with forks Metric







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