Technical sheet:

MT 735 75D ST5

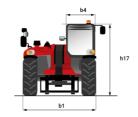


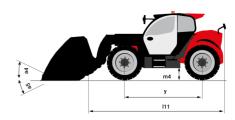


	MT 735 750 ST5 Greaten of August 13, 2023 at 12.24 AW (
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Maximum outreach	4 m
Breakout force with bucket	6850 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Length to face of forks	12 4.78 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.27 m
Overall height	h17 2.48 m
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 3.78 m
External turning radius (over tyres)	Wa1 3.78 m
Jnladen weight (with forks)	6930 kg
Unladen 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
Lowering	4.20 s
extension	12.30 s
Retraction	4.70 s
Crowd	3.50 s
Dump	3.60 s
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 3.6 L
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
HVO validated (according to EN 15940 standard)	Yes
Electric circuit	
2V Battery capacity	110 Ah
Transmission	
ransmission type	Torque converter
lumber 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
Service 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
lydraulic oil	129 l
uel tank	103
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
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls	JSM

MT 735 75D ST5 - Dimensional drawing

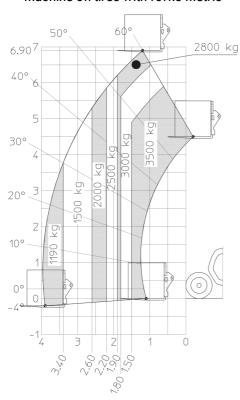






MT 735 75D ST5 - Load chart

Machine on tires with forks Metric







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