Technical sheet:

# MT 735 75D ST5

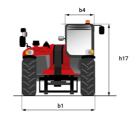


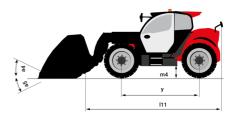


Capacities	Metric
lax. capacity	3500 kg
lax. lifting height	6.90 m
ax. outreach	4 m
reakout force with bucket	6850 daN
eight and dimensions	
verall length to carriage	I11 4.70 m
ength to face of forks	12 4.78 m
verall length (with forks)	l1 5.98 m
verall width	b1 2.27 m
verall height	h17 2.48 m
/heelbase	y 2.80 m
round clearance	m4 0.42 m
Overall cab width	b4 0.95 m
ilt-up angle	a4 13 °
ilt-down angle	a5 114°
ixternal turning radius	Wa3 3.78 m
xternal turning radius (over tyres)	Wa1 3.78 m
nladen weight (with forks)	6930 kg
Inladen weight	6610 kg
Overall weight	6930 kg
Tires type Standard tires	Pneumatic 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	
ifting	5.90 s
owering	4.20 s
extension	12.30 s
detraction	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
Drawbar pull (Laden)	7220 daN
tVO validated (according to EN 15940 standard)	Yes
	res
Electric circuit	440.41
2V Battery capacity	110 Ah
Transmission	
Fransmission type	Torque converter
lumber of gears (forward / reverse)	4 / 4
Max. travel speed	24.70 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
<del>lydraulics</del>	
lydraulic pump type	Axial piston
Hydraulic Pressure	260 bar
ank capacities	
ingine oil	8.50 I
ngnie on	149
	****
lydraulic oil	137
ydraulic oil uel tank	137 I
lydraulic oil iuel tank Ioise and vibration	
dydraulic oil Guel tank Hoise and vibration Hoise at driving position (LpA)	77 dB
dydraulic oil Guel tank  Joise and vibration  Joise at driving position (LpA)  Joise to environment (LwA)	77 dB 104 dB
dydraulic oil Guel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Noise to environment (LwA)	77 dB
ydraulic oil uel tank loise and vibration loise at driving position (LpA) loise to environment (LwA) libration on hands/arms	77 dB 104 dB < 2.50 m/s²
Aydraulic oil Guel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Nibration on hands/arms  Niscellaneous  Steering wheels (front / rear)	77 dB 104 dB < 2.50 m/s² 2 / 2
Hydraulic oil Fuel tank 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)	77 dB 104 dB < 2.50 m/s²

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

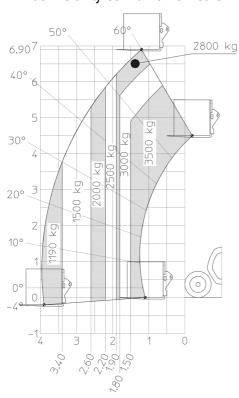






## MT 735 75D ST5 - Load chart

## Machine on tyres with forks Metric







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