Technical sheet:

MT 735 75D ST5

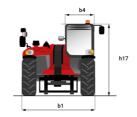


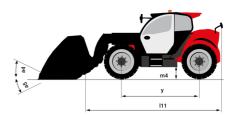


Capacities	Metric
Max. capacity	3500 kg
fax. lifting height	6.90 m
lax. outreach	4 m
reakout force with bucket	6850 daN
leight and dimensions	
verall length to carriage	l11 4.70 m
ength to face of forks	l2 4.78 m
verall length (with forks)	I1 5.98 m
verall width	b1 2.27 m
verall height	h17 2.48 m
heelbase	y 2.80 m
round clearance	m4 0.42 m
verall cab width	b4 0.95 m
It-up angle	a4 13 °
	a5 114 °
ilt-down angle	
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	Pneumatic
tandard 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	
ifting	5.90 s
owering	4.20 s
xtension	12.30 s
etraction	4.70 s
Crowd	3.50 s
Dump	3.60 s
Engine	
ingine 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
tVO validated (according to EN 15940 standard)	Yes
Electric circuit	
2V Battery capacity	110 Ah
ransmission	TIVAII
Fransmission type	Torque converter
lumber of gears (forward / reverse)	4 / 4
	24.70 km/h
Max. travel speed	
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
lydraulics	
łydraulic pump type	Axial piston
lydraulic Pressure	260 bar
ank capacities	
ngine oil	8.50 I
ydraulic oil	149
uel tank	137 l
loise and vibration	
loise at driving position (LpA)	77 dB
loise to environment (LwA)	104 dB
/ibration on hands/arms	< 2.50 m/s²
liscellaneous	212
Miscellaneous Steering wheels (front / rear)	2/2
Miscellaneous	2 / 2 2 / 2 Standard EN 15000 / ROPS - FOPS level 2 cal

MT 735 75D ST5 - Dimensional drawing

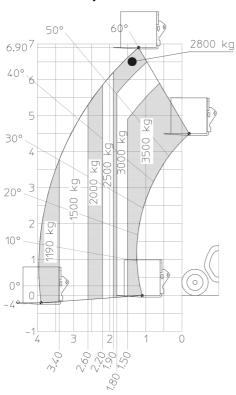






MT 735 75D ST5 - Load chart

Machine on tyres with forks Metric







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