Technical sheet:

MT 735 75D ST5

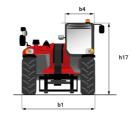


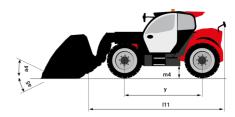


	MT 735 75D ST5 Created On May 2, 2024 at 5.23.18 Pt
Capacities	Metric
Max. capacity	3500 kg
fax. lifting height	6.90 m
lax. outreach	4 m
reakout force with bucket	6850 daN
Veight and dimensions	
verall length to carriage	l11 4.70 m
ength to face of forks	l2 4.78 m
verall length (with forks)	I1 5.98 m
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 °
It-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	Pneumatic
tandard tires	ALLIANCE 400/80-24 162A8 A325
tandard tires	Alliance 400/80 - 24 -162A8
orks length / width / section	I / e / s 1200 mm x 100 mm / 50 mm
erformances	
fting	5.90 s
owering	4.20 s
xtension	12.30 s
etraction	4.70 s
rowd	3.50 s
ump	3.60 s
ngine	
ngine brand	Deutz
ngine norm	Stage V / Tier 4 Final
ngine model	TCD 3.6 L
umber of cylinders / Capacity of cylinders	4 - 2924 cm³
C. Engine power rating - Power	75 Hp / 55.40 kW
ax. torque / Engine rotation	375 Nm @ 1400 rpm
rawbar pull (Laden)	7220 daN
VO validated (according to EN 15940 standard)	Yes
ectric circuit	162
	110 Ab
2V Battery capacity	110 Ah
ransmission	
ransmission type	Torque converter
umber of gears (forward / reverse)	4 / 4
ax. travel speed	24.70 km/h
arking brake	Automatic parking brake
ervice brake	Hydraulic servo brake
ydraulics	
ydraulic pump type	Axial piston
ydraulic Pressure	260 bar
ank capacities	
ingine oil	8.50
ydraulic oil	149
uel tank	137
oise and vibration	1071
pise at driving position (LpA)	77 dB
oise to environment (LwA)	104 dB
bration on hands/arms	< 2.50 m/s ²
liscellaneous	
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2/2
afety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 of
ontrols	JSM

MT 735 75D ST5 - Dimensional drawing

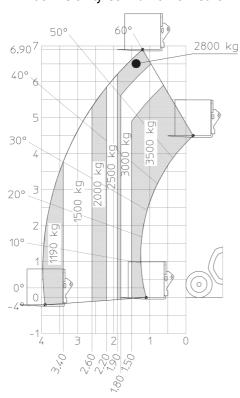






MT 735 75D ST5 - Load chart

Machine on tyres with forks Metric







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