Technical sheet :

MT 735 75D ST5





MT 735 75D ST5 Created on September 14, 2025 at 9:56 AM UTC

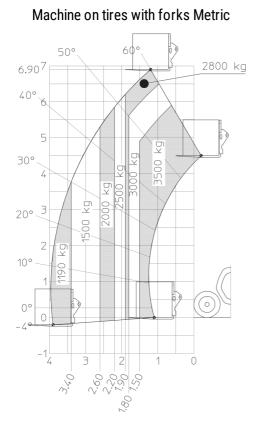
	MI 735 750 STS Created off September 14, 2023 at 9.30 Aivi
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Aaximum outreach	4 m
Breakout force with bucket	6850 daN
Veight and dimensions	
verall length to carriage	l11 4.70 m
ength to face of forks	l2 4.78 m
verall length (with forks)	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
verall cab width	b4 0.95 m
It-up angle	a4 13 °
It-down angle	a5 114 °
xternal tuming 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
res type	Inflatable
andard tires	Alliance 400/80 - 24 -162A8
orks length / width / section	l / e / s 1200 mm x 100 mm x 50 mm
erformances	
fting	5.90 s
owering	4.20 s
tension	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 cm ³
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
lectric circuit	110.44
2V Battery capacity	110 Ah
ransmission	
ansmission 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
ink capacities	
ngine oil	8.50
ydraulic oil	129 l
uel tank	103 I
oise and vibration	
oise at driving position (LpA)	77 dB
oise to environment (LwA)	104 dB
ibration on hands/arms	< 2.50 m/s²
liscellaneous	
teering wheels (front / rear)	2/2
rive wheels (front / rear)	2/2
afety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level
Controls	JSM

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MT 735 75D ST5 - Dimensional drawing



MT 735 75D ST5 - Load chart





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