Technical sheet :

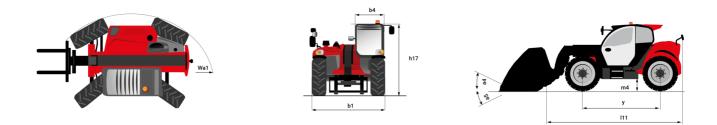
MT 735 75D ST5



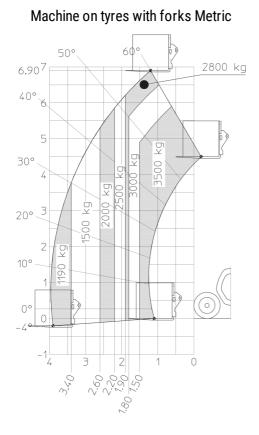


	MT 735 75D ST5 Created on 5 May 2024 at 4:5/
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	6.90 m
Max. outreach	4 m
Breakout force with bucket	6850 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Length to face of forks	12 4.78 m
-	I1 5.98 m
Overall length (with forks)	
Overall width	
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
Unladen weight (with forks)	6930 kg
Unladen weight	6610 kg
Overall weight	6930 kg
Tires type	Pneumatic
Standard tires	ALLIANCE 400/80-24 162A8 A325
Standard tires	Alliance 400/80 - 24 -162A8
Forks length / width / section	l / e / s 1200 mm x 100 mm / 50 mm
Performances	
Lifting	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 cm ³
I.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	375 Nm @ 1400 rpm
Drawbar pull (Laden)	7220 daN
HVO validated (according to EN 15940 standard)	Yes
Electric circuit	
12V Battery capacity	110 Ah
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	4/4
Max. travel speed	24.70 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
Hydraulics	
	Aviel minten
Hydraulic pump type	Axial piston
Hydraulic Pressure	260 bar
Tank capacities	
Engine oil	8.50
Hydraulic oil	149
Fuel tank	137 I
Noise and vibration	
Noise at driving position (LpA)	77 dB
Noise to environment (LwA)	104 dB
Vibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Steeling wheels (nont / lear)	
	2/2
Drive wheels (front / rear) Safety / Safety cab homologation	

MT 735 75D ST5 - Dimensional drawing



MT 735 75D ST5 - Load chart







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