Technical sheet:

MT 735 75D ST5

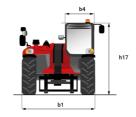


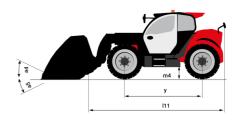


Capacities	Metric	
Max. capacity	3500 kg	
Max. lifting height	6.90 m	
Maximum outreach	4 m	
Breakout force with bucket	6850 daN	
Weight and dimensions	ooo dan	
Overall length to carriage	l11 4.70 m	
Length to face of forks	12 4.78 m	
	12 4.76 III 5.98 m	
Overall length (with forks) Overall width		
Overall 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	Inflatable	
Standard tires	Alliance 400/80 - 24 -162A8	
Forks length / width / section	I / e / s 1200 mm x 100 mm x 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	0.00 0	
Engine brand	Deutz	
Engine norm	Stage V / Tier 4 Final	
Engine model	TCD 3.6 L	
-	4 - 2924 cm ³	
Number of cylinders / Capacity of cylinders		
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	
Max. travel speed (may vary according to applicable regulations)	24.70 km/h	
Parking brake	Automatic parking brake	
Service brake	Hydraulic servo brake	
Hydraulics		
Hydraulic pump type	Axial piston	
Hydraulic flow / Pressure	110 l/min-260 bar	
Tank capacities		
Engine oil	8.50	
Hydraulic oil	129	
Fuel tank	103 I	
Noise and vibration		
Noise at driving position (LpA)	77 dB	
Noise to environment (LWA)	104 dB	
Vibration on hands/arms	< 2.50 m/s ²	
	< 2.50 M/\$*	
Miscellaneous Charica whoda (front (soc))	0.10	
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	1.5
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS le	vel 2
Controls	JSM	

MT 735 75D ST5 - Dimensional drawing

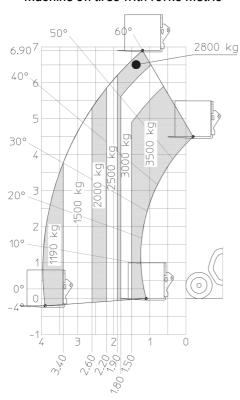






MT 735 75D ST5 - Load chart

Machine on tires with forks Metric







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