Technical sheet :

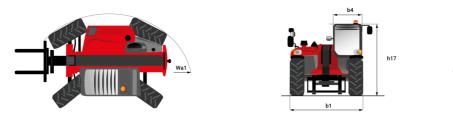
MT 735 75D ST5

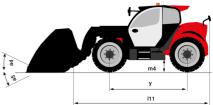




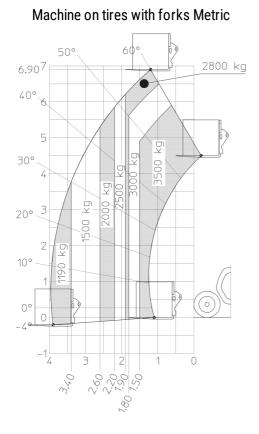
	MT 735 75D ST5 Created on July 31,	2025 at 8:31 PM UTC
Capacities	Ме	tric
Max. capacity	350	0 kg
Max. lifting height	6.9	
Maximum outreach	4	
Breakout force with bucket	6850	
Weight and dimensions		
Overall length to carriage	l11 4.7	0 m
Length to face of forks	12 4.7	
Overall length (with forks)	11 5.9	
Overall width	b1 2.2	
Overall height	h17 2.4	
Wheelbase	у 2.8	
Ground clearance	m4 0.4:	
Overall cab width	b4 0.9	
Tilt-up angle	a4 13	
Tilt-down angle	a5 11	
External turning radius	Wa3 3.7	
External turning radius (over tyres)	Wa1 3.7	
Unladen weight (with forks)	693	
Unladen weight	661	
Overall weight	693	
Tires type	Infla	
Standard tires	Alliance 400/0	
Forks length / width / section	l / e / s 1200 mm x 10	U MM X 50 MM
Performances		0
Lifting	5.9	
Lowering	4.2	
Extension	12.3	
Retraction	4.7	
Crowd	3.5	
Dump	3.6	0 s
Engine		
Engine brand	De	
Engine norm	Stage V / 1	
Engine model	TCD	
Number of cylinders / Capacity of cylinders	4 - 292	
I.C. Engine power rating - Power	75 Hp / 5	
Max. torque / Engine rotation	375 Nm @	
Drawbar pull (Laden)	7220	
HVO validated (according to EN 15940 standard)	Ye	es
Electric circuit		
12V Battery capacity	110	Ah
Transmission		
Transmission type	Torque o	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 p	arking brake
Service brake	Hydraulic s	ervo brake
Hydraulics		
Hydraulic pump type	Axial	piston
Hydraulic flow / Pressure	110 l/mii	n-260 bar
Tank capacities		
Engine oil	8.5	i0 I
Hydraulic oil	12	
Fuel tank	10	
Noise and vibration		
Noise at driving position (LpA)	77	dB
Noise to environment (LwA)	104	
Vibration on hands/arms	< 2.50	
Miscellaneous		
Steering wheels (front / rear)	2	/ 2
Drive wheels (front / rear)	21	
Safety / Cab certification	Standard EN 15000 / Ca	
Controls		
Unitiona	Ja	1141

MT 735 75D ST5 - Dimensional drawing





MT 735 75D ST5 - Load chart





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