Technical sheet :

MT 935 75D ST5

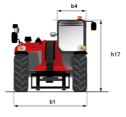


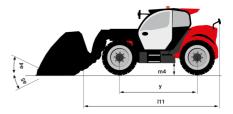


	MT 935 75D ST5 Created on May 4, 2024 at 9:14:24 AM UT
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	9 m
Max. outreach	6.40 m
Breakout force with bucket	7180 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Length to face of forks	l2 4.78 m
Overall length (with forks)	l1 5.98 m
Overall width	b1 2.27 m
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 3.77 m
External turning radius (over tyres)	Wa1 3.78 m
Unladen weight (with forks)	7480 kg
Overall weight	7480 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	7.20 s
Lowering	4.70 s
Extension	11 s
Retraction	7 s
Crowd	3 s
Dump	3.40 s
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 2.9I 2501-7118
Number of cylinders / Capacity of cylinders	4 - 2924 cm³
I.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	375 Nm @ 1400 rpm
Drawbar pull (Laden)	7220 daN
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	
Hydraulic pump type	Axial piston
Hydraulic Pressure	270 bar
Tank capacities	
Engine oil	8.50 l
Hydraulic oil	90
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
Drive wheels (front / rear)	2/2
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level 2 cab
Controls	JSM

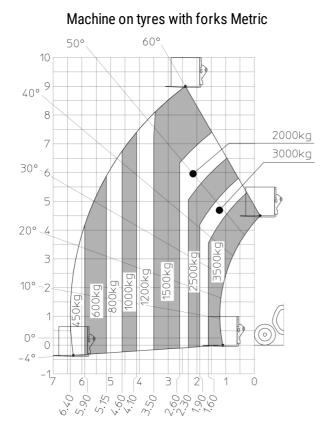
MT 935 75D ST5 - Dimensional drawing







MT 935 75D ST5 - Load chart





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