Technical sheet:

# MT 935 75D ST5

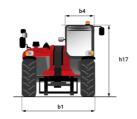


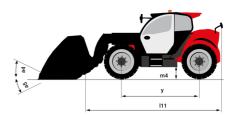


	MT 935 75D ST5 Created on May 4, 2024 at 12:41:52 AM
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	9 m
Max. outreach	6.40 m
Breakout force with bucket	7180 daN
Weight and dimensions	
Overall length to carriage	I11 4.70 m
Length to face of forks	12 4.78 m
Overall length (with forks)	I1 5.98 m
Overall width	b1 2.27 m
Overall height	
•	
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	I / 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 cm <sup>3</sup>
I.C. Engine power rating - Power	75 Hp / 55.40 kW
Max. torque / Engine rotation	
	375 Nm @ 1400 rpm 7220 daN
Drawbar pull (Laden)	7220 dan
Electric circuit	110 Ab
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
Hydraulic Pressure Tank capacities	270 bar
•	270 bar 8.50 I
Tank capacities	
Tank capacities Engine oil	8.50 l
Tank capacities  Engine oil  Hydraulic oil  Fuel tank	8.50 l 90 l
Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration	8.50 l 90 l 137 l
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)	8.50 I 90 I 137 I 77 dB
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)	8.50 I 90 I 137 I 77 dB 104 dB
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms	8.50 I 90 I 137 I 77 dB
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous	8.50 I 90 I 137 I 77 dB 104 dB < 2.50 m/s <sup>2</sup>
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear)	8.50 I 90 I 137 I 77 dB 104 dB < 2.50 m/s <sup>2</sup>
Tank capacities  Engine oil  Hydraulic oil  Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous	8.50 I 90 I 137 I 77 dB 104 dB < 2.50 m/s <sup>2</sup>

# MT 935 75D ST5 - Dimensional drawing

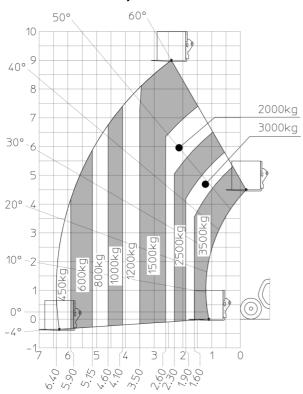






### MT 935 75D ST5 - Load chart

# Machine on tyres with forks Metric







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