Technical sheet:

MT 935 75D ST5

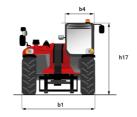


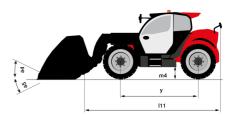


Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	9 m
Maximum outreach	6.40 m
Breakout force with bucket	7180 daN
Weight and dimensions	
Overall length to carriage	l11 4.70 m
Length to face of forks	12 4.78 m
Overall length (with forks)	11 5.98 m
Overall width	b1 2.27 m
Overall height	h17 2.48 m
Wheelbase	y 2.80 m
Ground clearance	m4 0.42 m
Overall cab width	b4 0.95 m
	a4 13 °
Tilt-up angle	
Tilt-down angle	a5 114°
External turning radius	Wa3 3.77 m
External tuming radius (over tyres)	Wa1 3.78 m
Unladen weight (with forks)	7480 kg
Overall weight	7480 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	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
Engine power (Hp/kW)	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)	24.90 km/h
Parking brake	Automatic parking brake
Service brake	Hydraulic servo brake
Hydraulics	Tryulaulio Selvo blake
Hydraulic pump type	Axial piston
	110 I/min-270 bar
Hydraulic flow / Pressure	110 I/IIIII-270 Dai
Tank capacities	0.501
Engine oil	8.50
Hydraulic oil	1451
Fuel tank	103 l
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
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls	JSM

MT 935 75D ST5 - Dimensional drawing

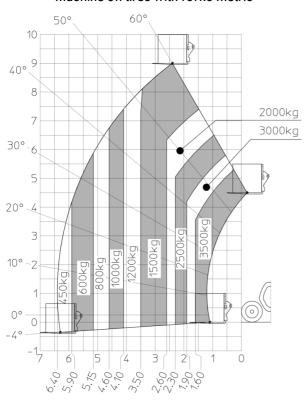






MT 935 75D ST5 - Load chart

Machine on tires with forks Metric







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