Technical sheet :

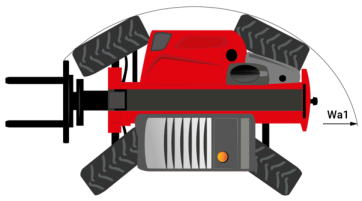
MT 935 75D ST5

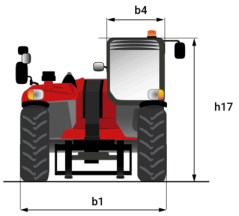


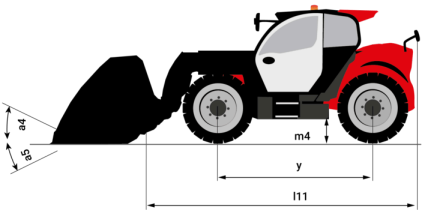
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HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	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		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / 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 2.9l 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
Engine/Battery		
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		
Hydraulic pump type		Axial piston
Hydraulic flow / Pressure		110 l/min-270 bar
Tank capacities		
Engine oil		8.50 l
Hydraulic oil		145 l
Fuel tank capacity		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/s²
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

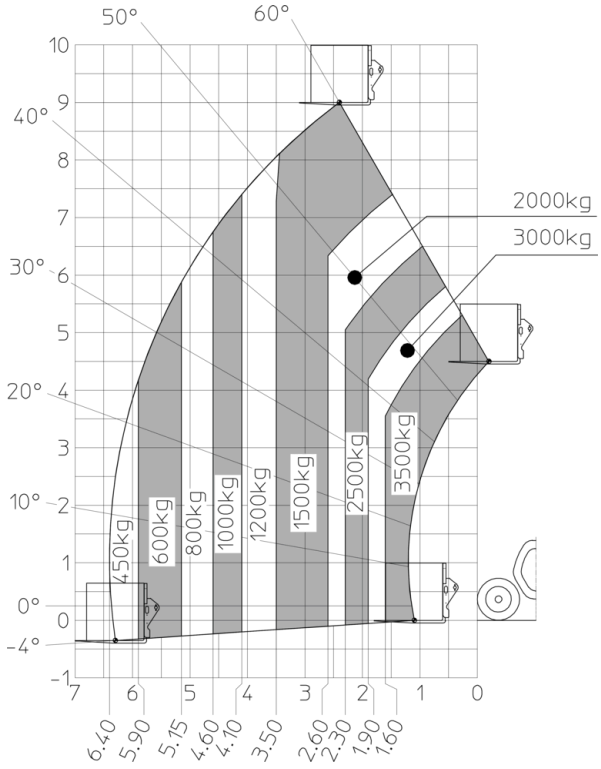






MT 935 75D ST5 - Load chart

Machine on tires with forks Metric



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