Technical sheet :

MT 935 75D ST5

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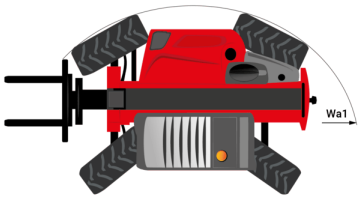
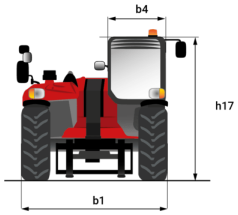
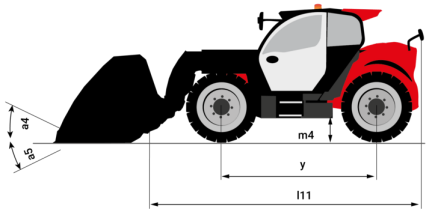
Capacities		Metric
Max. capacity		3500 kg
Max. lifting height		9 m
Max. outreach		6.40 m
Breakout force with bucket		7180 daN
Weight and dimensions		
Overall length to carriage	l11	4.70 m
Length to face of forks	l2	4.78 m
Overall length (with forks)	l1	5.98 m
Overall width	b1	2.27 m
Overall height	h17	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
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
I.C. Engine power rating - Power		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
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		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 / Safety cab homologation		Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM

MT 935 75D ST5 - Dimensional drawing

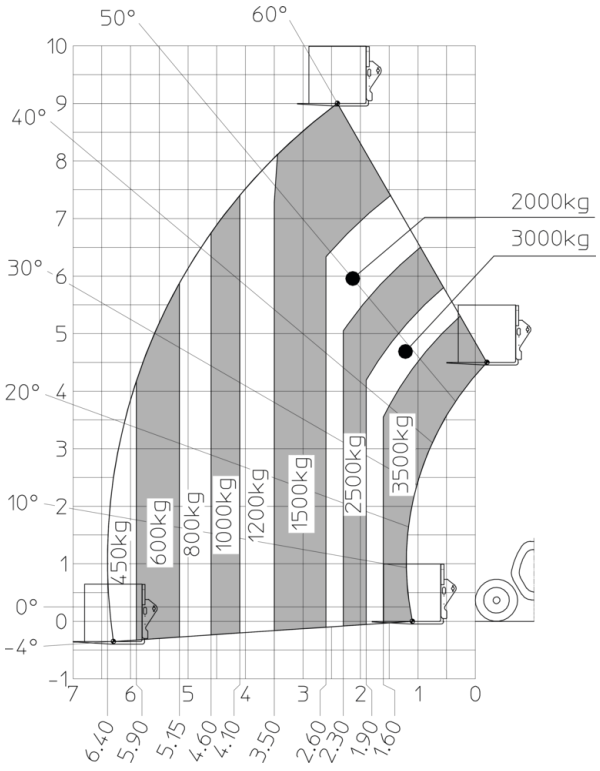






MT 935 75D ST5 - Load chart

Machine on tires with forks Metric



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