

Technical sheet :

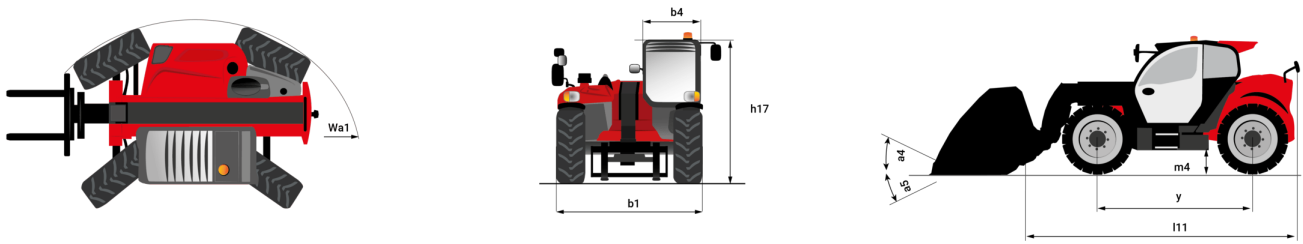
MT 1335 H 75D ST5



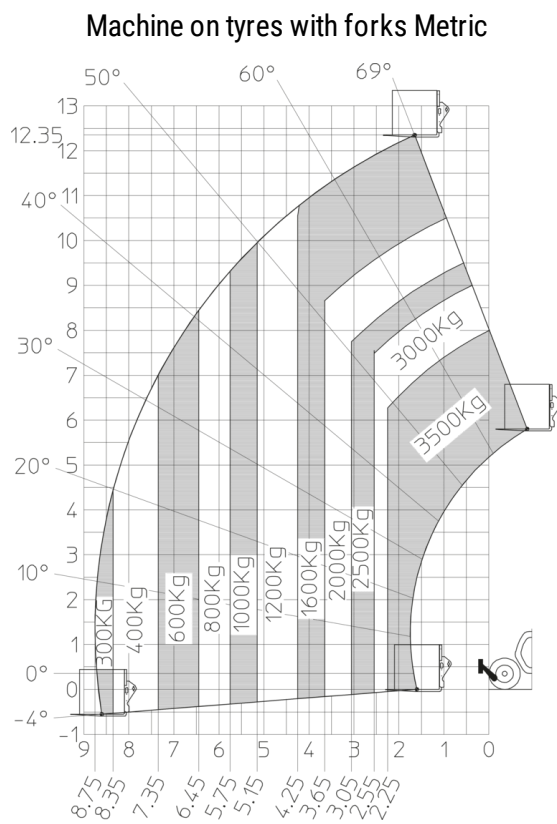
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		3500 kg
Max. lifting height		12.60 m
Max. outreach		8.65 m
Breakout force with bucket		7400 daN
Weight and dimensions		
Overall length to carriage	l11	5.72 m
Length to face of forks	l2	5.72 m
Overall length (with forks)	l1	6.92 m
Overall width	b1	2.28 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	3.78 m
External turning radius (over tyres)	Wa1	3.78 m
Unladen weight (with forks)		9470 kg
Overall weight		9470 kg
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 100 mm / 50 mm
Performances		
Lifting		10.30 s
Lowering		9.60 s
Extension		14.70 s
Retraction		9.90 s
Crowd		3.20 s
Dump		3.80 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 2.9L
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)		7130 daN
Electric circuit		
12V Battery capacity		110 Ah
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		24.90 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		153 l
Fuel tank		137 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 / ROPS - FOPS level 2 cab
Controls		JSM

MT 1335 H 75D ST5 - Dimensional drawing



MT 1335 H 75D ST5 - Load chart

**Machine on lowered stabilisers with forks Metric**

This chart shows the load capacity of the machine on lowered stabilisers with forks. The vertical axis represents the height in meters (0 to 13), and the horizontal axis represents the load capacity in kg (0 to 9). The chart is divided into regions by fork angles (50°, 60°, 70°, 73°) and load capacity lines (1050kg, 1200kg, 1600kg, 2000kg, 2500kg, 3000kg, 3500kg). The load capacity decreases as the height increases and the angle increases.



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