

Technical sheet :

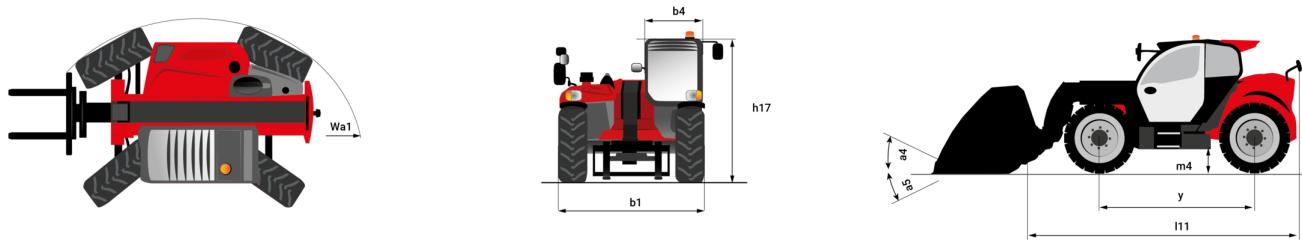
MT 1135 H 100D



 **MANITOU**
HANDLING YOUR WORLD

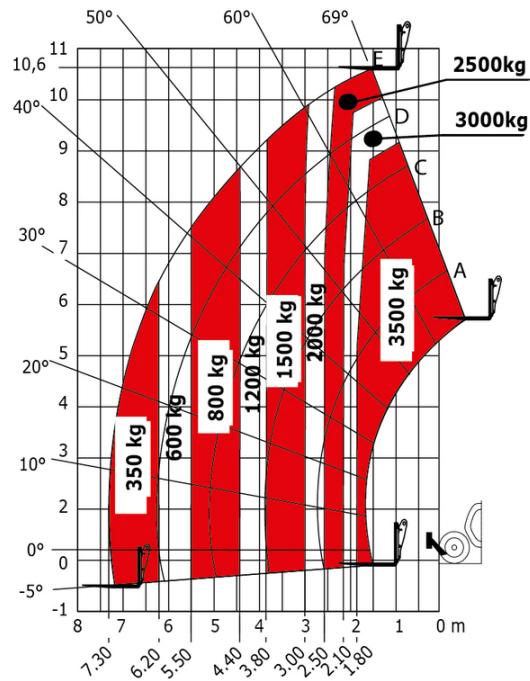
Capacities		Metric	
Max. capacity		3500 kg	
Max. lifting height		10.90 m	
Maximum outreach		7.20 m	
Breakout force with bucket		6850 daN	
Weight and dimensions			
Overall length to carriage	I11	5.29 m	
Length to face of forks	I2	5.14 m	
Overall length (with forks)	I1	6.34 m	
Overall width	b1	2.26 m	
Overall height	h17	2.48 m	
Wheelbase	y	2800 mm	
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	3.77 m	
Unladen weight (with forks)		8660 kg	
Overall weight		8660 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		7.60 s	
Lowering		5.40 s	
Extension		12.30 s	
Retraction		8.20 s	
Crowd		3.10 s	
Dump		3.60 s	
Engine			
Engine brand		Deutz	
Engine norm		Stage V	
Engine model		TCD 3.6	
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³	
Engine power (Hp/kW)		100 Hp / 74.40 kW	
Max. torque / Engine rotation		410 Nm @ 1600 rpm	
Drawbar pull (Laden)		6900 daN	
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		10 l	
Hydraulic oil		149 l	
Diesel Exhaust fluid (AdBlue® type)		10 l	
Fuel		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/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 1135 H 100D - Dimensional drawing

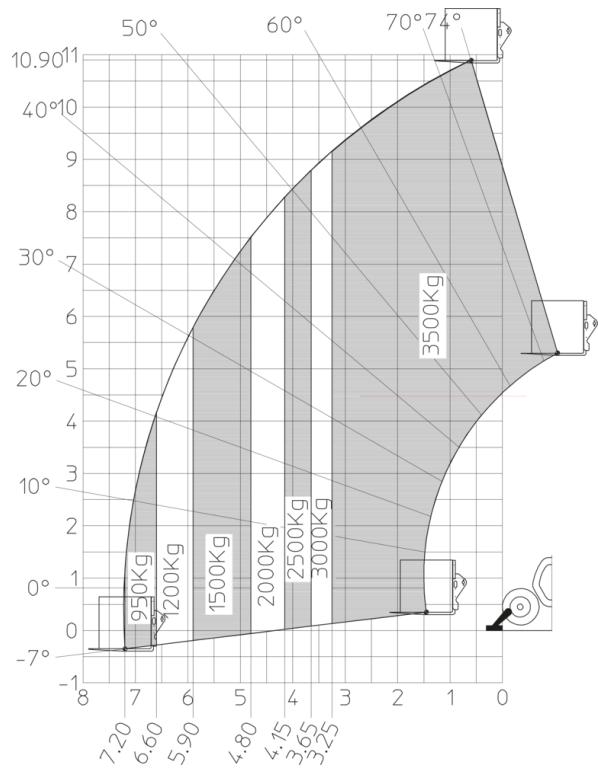


MT 1135 H 100D - Load chart

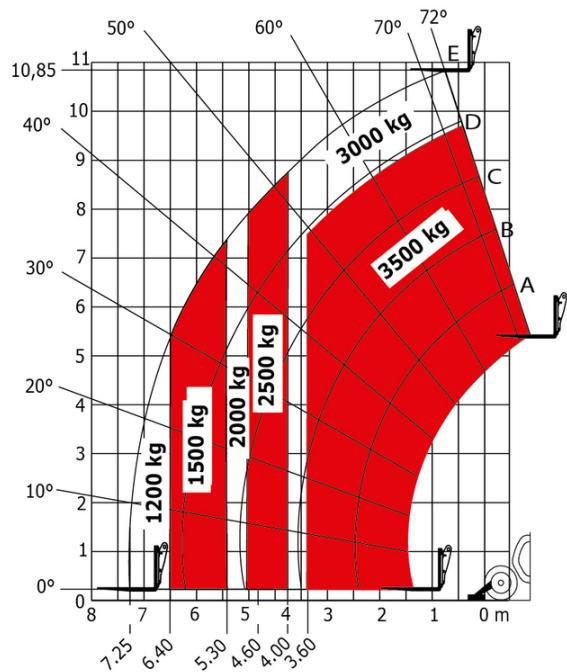
Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



Load Chart metric



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