

Technical sheet :

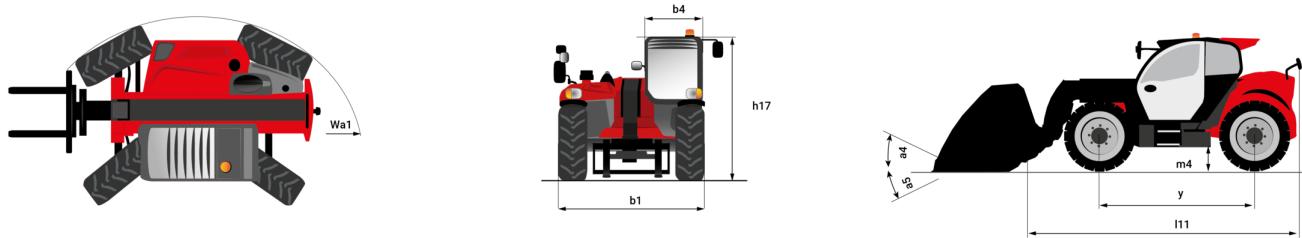
MT 1335 HA 100D ST5



 **MANITOU**
HANDLING YOUR WORLD

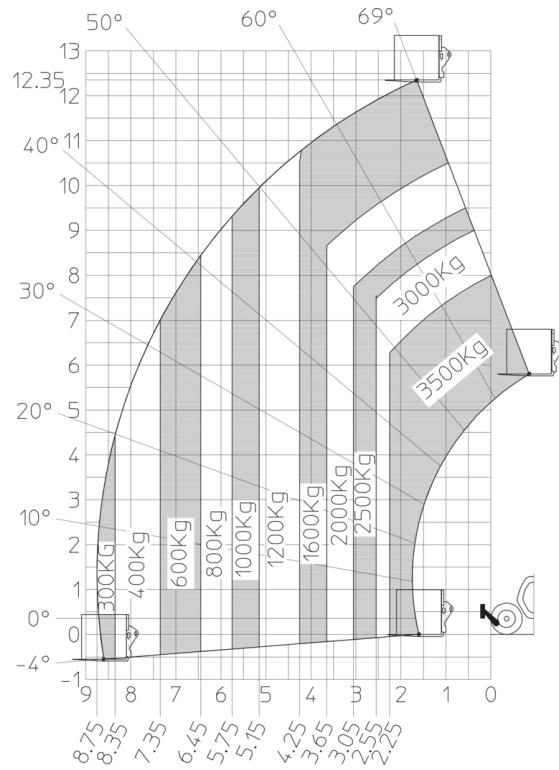
Capacities		Metric	
Max. capacity		3500 kg	
Max. lifting height		12.60 m	
Maximum outreach		8.65 m	
Breakout force with bucket		7400 daN	
Weight and dimensions			
Overall length to carriage	l11	5.72 m	
Overall length (with forks)	l1	6.92 m	
Overall width	b1	2.28 m	
Overall height	h17	2.48 m	
Wheelbase	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 (over tyres)	Wa1	3.78 m	
Overall weight		9470 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		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 3.6L	
Number of cylinders / Capacity of cylinders		4 - 3621 cm³	
Engine power (Hp/kW)		100 Hp / 74.40 kW	
Max. torque / Engine rotation		410 Nm @ 1600 rpm	
Drawbar pull (Laden)		6900 daN	
HVO validated (according to EN 15940 standard)		Yes	
Electric circuit			
12V Battery capacity		180 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		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 / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	
Controls		JSM	

MT 1335 HA 100D ST5 - Dimensional drawing

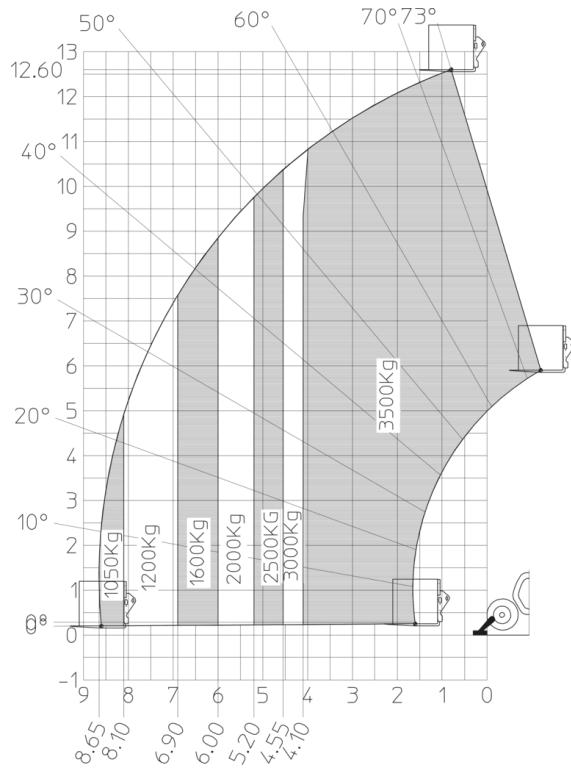


MT 1335 HA 100D ST5 - Load chart

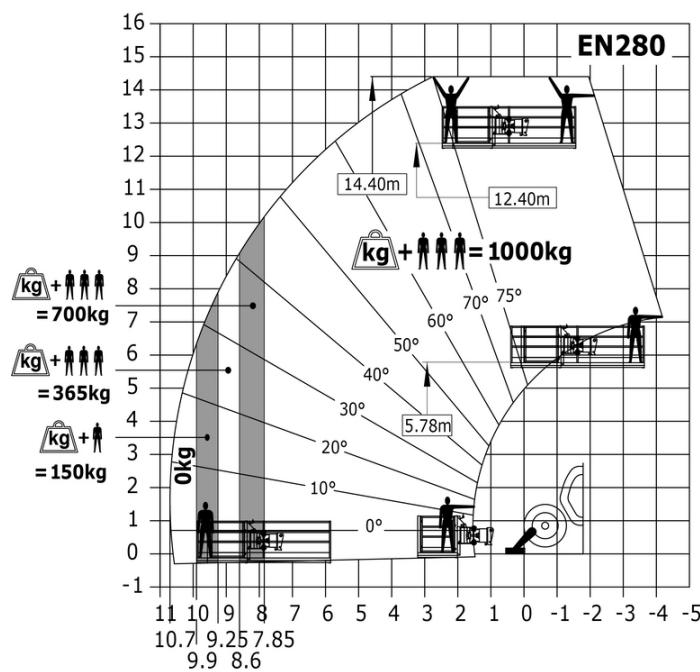
Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



Machine with Man basket - Metric





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