Technical sheet :

MT 1335 HA 100D ST5

MANITOU
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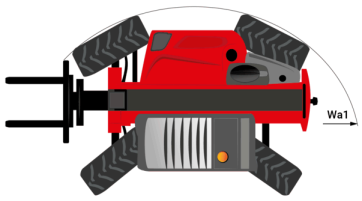
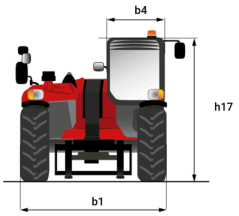
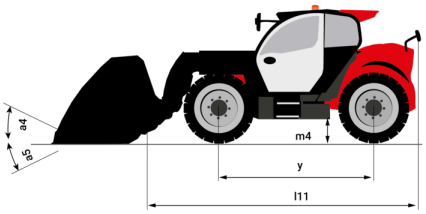
Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height		12.60 m
Max. outreach		8.65 m
Breakout force with bucket		7400 daN
Weight and dimensions		
Overall length to carriage	l11	5.72 m
Overall length (with forks)	l1	6.92 m
Overall width	b1	2.28 m
Overall height	h17	2.48 m
Wheelbase	y	2.80 m
Ground 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 tank capacity		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

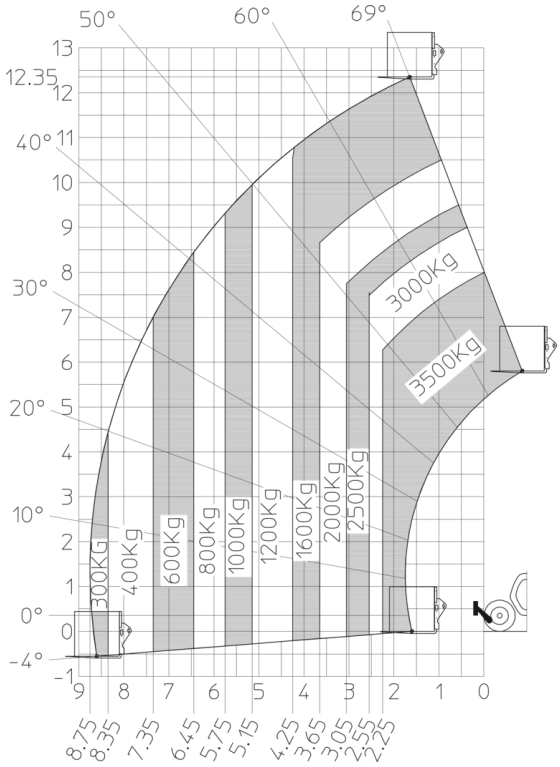




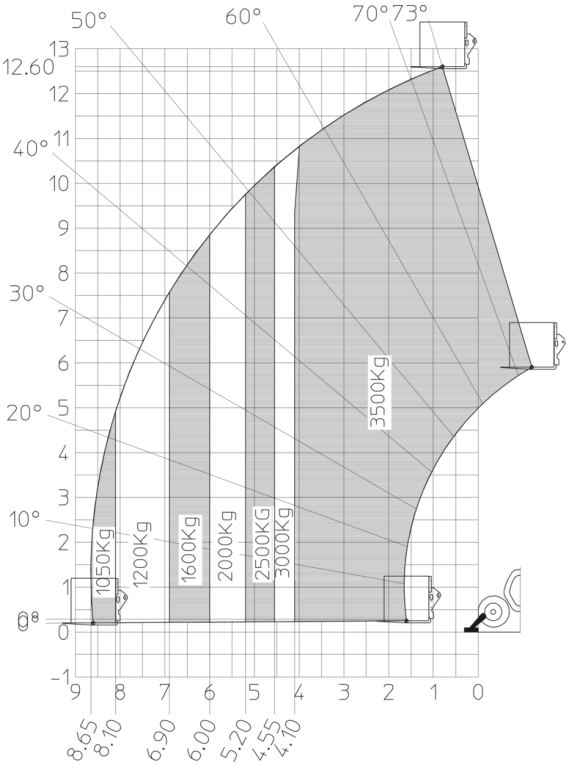


MT 1335 HA 100D ST5 - Load chart

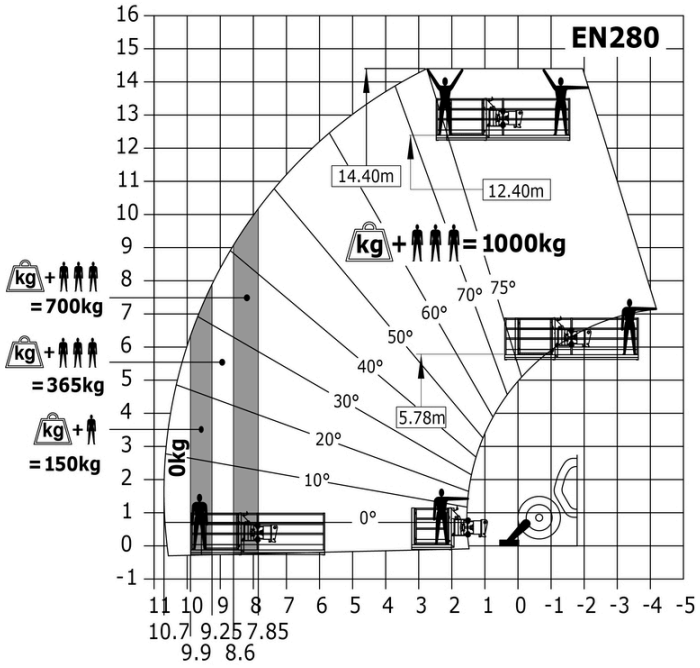
Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



Machine with Man basket - Metric



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