

Technical sheet :

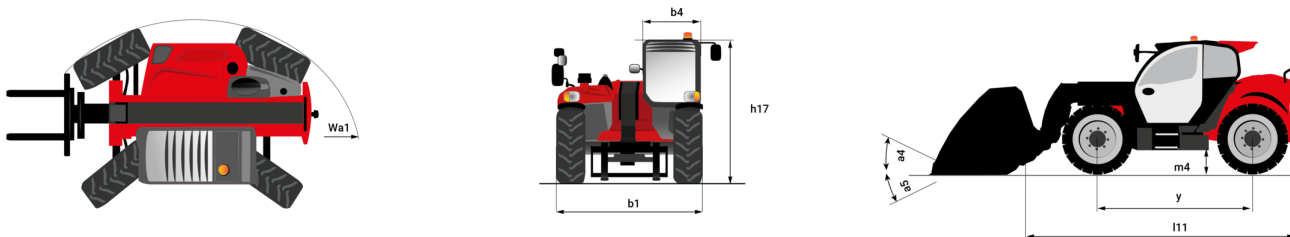
MT 1335 100D ST5



 **MANITOU**
HANDLING YOUR WORLD

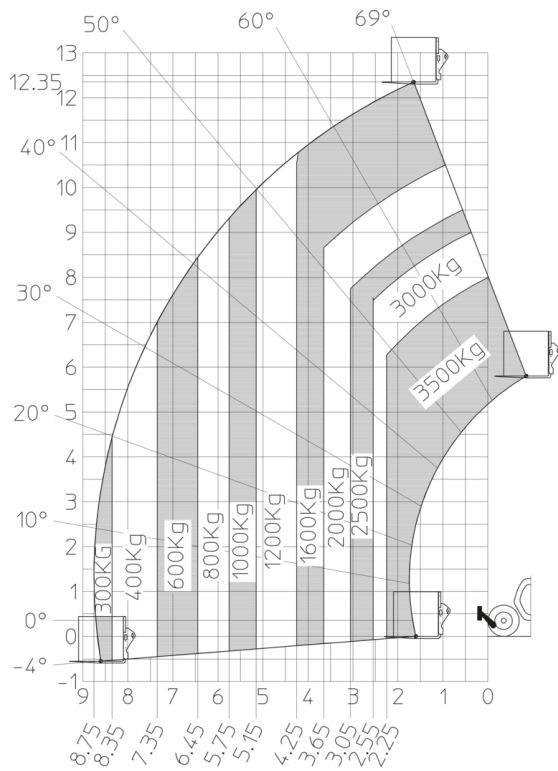
Capacities		Metric	Imperial
Max. capacity		3500 kg	7716 lb
Max. lifting height		12.60 m	41 ft 4 in
Max. outreach		8.65 m	28 ft 5 in
Breakout force with bucket		7400 daN	7400 daN
Weight and dimensions			
Overall length to carriage	l11	5.72 m	18 ft 9 in
Length to face of forks	l2	5.72 m	18 ft 9 in
Overall length (with forks)	l1	6.92 m	22 ft 9 in
Overall width	b1	2.28 m	7 ft 6 in
Overall height	h17	2.48 m	8 ft 2 in
Wheelbase	y	2.80 m	9 ft 2 in
Ground clearance	m4	425 mm	1 ft 5 in
Overall cab width	b4	0.95 m	3 ft 1 in
Tilt-up angle	a4	13 °	13 °
Tilt-down angle	a5	114 °	114 °
External turning radius	Wa3	3.78 m	12 ft 5 in
External turning radius (over tyres)	Wa1	3.78 m	12 ft 5 in
Unladen weight (with forks)		9470 kg	20878 lb
Overall weight		9470 kg	20878 lb
Tyres type		Pneumatic	Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 100 mm / 50 mm	47 in x 4 in / 2 in
Performances			
Lifting		10.30 s	10.30 s
Lowering		9.60 s	9.60 s
Extension		14.70 s	14.70 s
Retraction		9.90 s	9.90 s
Crowd		3.20 s	3.20 s
Dump		3.80 s	3.80 s
Engine			
Engine brand		Deutz	Deutz
Engine norm		Stage V	Stage V
Engine model		TCD 3.6L	TCD 3.6L
Number of cylinders / Capacity of cylinders		4 - 3621 cm ³	4 - 221 in ³
I.C. Engine power rating - Power (kW)		100 Hp / 74.40 kW	100 Hp / 74 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm	302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)		9700 daN	9700 daN
Electric circuit			
12V Battery capacity		110 Ah	110 Ah
Transmission			
Transmission type		Torque converter	Torque converter
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		24.90 km/h	15 mi/h
Parking brake		Mechanical foot-operated parking brake	Mechanical foot-operated parking brake
Service brake		Hydraulic servo brake	Hydraulic servo brake
Hydraulics			
Hydraulic pump type		Axial piston	Axial piston
Hydraulic Pressure		260 bar	3771 PSI
Tank capacities			
Engine oil		8.50 l	2 US gal
Hydraulic oil		153 l	40 US gal
Fuel tank		137 l	36 US gal
Noise and vibration			
Noise at driving position (LpA)		77 dB	77 dB
Noise to environment (LwA)		104 dB	104 dB
Vibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s ²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety / Safety cab homologation		Standard EN 15000 / Cabin ROPS - FOPS Level 2	Standard EN 15000 / Cabin ROPS - FOPS Level 2
Controls		JSM	JSM

MT 1335 100D ST5 - Dimensional drawing



MT 1335 100D ST5 - Load chart

Machine on tyres with forks Metric





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