Technical sheet:

MT 1335 100D ST5

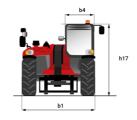


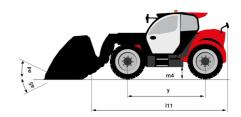


	MT 1335 100D ST5 Created on May 5, 2024 at 6:35:21 AM U
Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	12.60 m
Max. outreach	8.65 m
Breakout force with bucket	7400 daN
Weight and dimensions	
Overall length to carriage	l11 5.72 m
Length to face of forks	l2 5.72 m
Overall length (with forks)	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	I / 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 3.6L
Number of cylinders / Capacity of cylinders	4 - 3621 cm³
I.C. Engine power rating - Power	100 Hp / 74.40 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Drawbar pull (Laden)	9700 daN
Electric circuit	
12V Battery capacity	110 Ah
Transmission	
Transmission type	Torque converter
Number of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Parking brake	Mechanical foot-operated parking brake
Service brake	Hydraulic servo brake
Hydraulics	- Hadano Sorio State
Hydraulic pump type	Axial piston
Hydraulic Pressure	260 bar
Tank capacities	
Engine oil	8.50
Hydraulic oil	153
Fuel tank	137
Noise and vibration	1071
Noise at driving position (LpA)	77 dB
Noise to environment (LWA)	104 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	× 2.30 H/y S
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 100D ST5 - Dimensional drawing

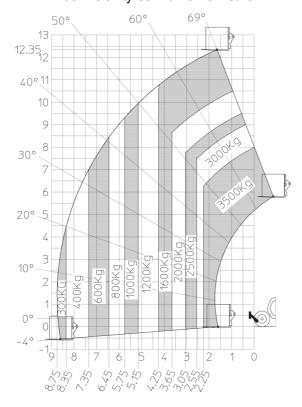




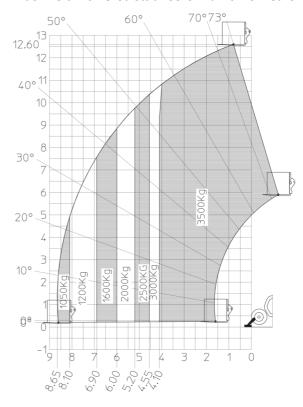


MT 1335 100D ST5 - Load chart

Machine on tyres with forks Metric



Machine on lowered stabilisers with forks Metric







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