Technical sheet:

MT 1335 100D ST5

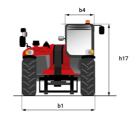


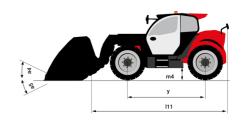


	MT 1335 100D ST5 Created on May 3, 2024 at 1:36:15	PIVIUI
Capacities	Metric	
Max. capacity	3500 kg	
Max. lifting height	12.60 m	
Max. outreach	8.65 m	
Breakout force with bucket	7400 daN	
Weight and dimensions		
Overall length to carriage	l11 5.72 m	
Length to face of forks	l2 5.72 m	
Overall length (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 br	ake
Service brake	Hydraulic servo brake	
Hydraulics	Tyddain Celfo bluke	
Hydraulic pump type	Axial piston	
Hydraulic Pressure	260 bar	
Tank capacities		
Engine oil	8.50	
Hydraulic oil	153 I	
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/s²	
Miscellaneous	~ 2.00 III/8	
Steering wheels (front / rear)	2/2	
Drive wheels (front / rear)	2/2	
Safety / Safety cab homologation	Standard EN 15000 / ROPS - FOPS level	2 cah
Controls	JSM	2 000
Outilions	JOIN	

MT 1335 100D ST5 - Dimensional drawing

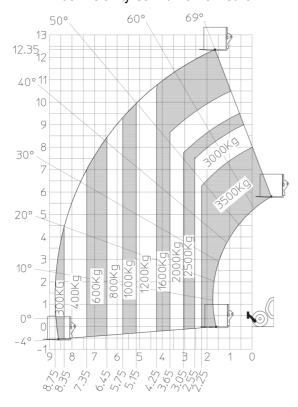




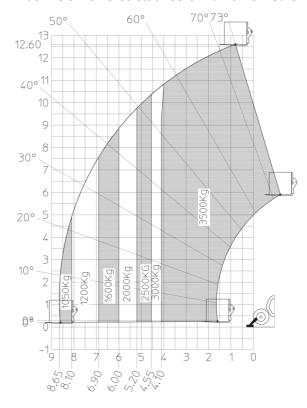


MT 1335 100D ST5 - Load chart

Machine on tyres with forks Metric



Machine on lowered stabilisers with forks Metric







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