Technical sheet:

# MT 1335 100D ST5

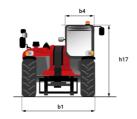


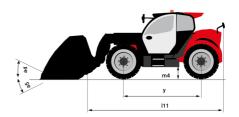


Capacities	Metric
Max. capacity	3500 kg
Max. lifting height	12.60 m
Maximum outreach	8.65 m
Breakout force with bucket	7400 daN
Weight and dimensions	
Overall length to carriage	I11 5.72 m
ength to face of forks	12 5.72 m
Overall length (with forks)	l1 6.92 m
Overall width	b1 2.28 m
Overall height	h17 2.48 m
Vheelbase	y 2.80 m
Ground clearance	m4 0.42 m
Overall cab width	b4 0.95 m
Filt-up angle	a4 13 °
ilt-down angle	a5 114°
external tuming radius	Wa3 3.78 m
external turning radius (over tyres)	Wa1 3.78 m
Inladen weight (with forks)	9470 kg
Overall weight	9470 kg
ires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	I / e / s 1200 mm x 100 mm x 50 mm
Performances	
ifting	10.30 s
_owering ·	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
.C. Engine power rating - Power	100 Hp / 74.40 kW
Max. torque / Engine rotation	410 Nm @ 1600 rpm
Orawbar pull (Laden)	9700 daN
IVO validated (according to EN 15940 standard)	Yes
Electric circuit	
2V Battery capacity	110 Ah
Transmission	
ransmission type	Torque converter
Number of gears (forward / reverse)	2/2
Max. travel speed	24.90 km/h
Parking brake	Mechanical foot-operated parking brak
Service brake	Hydraulic servo brake
lydraulics	
Hydraulic pump type	Axial piston
lydraulic flow / Pressure	133 l/min-260 bar
Tank capacities	.00 y.mii 200 bul
	0.501
ingine oil	8.50
lydraulic oil	153 I
uel tank	137 l
loise and vibration	
loise at driving position (LpA)	77 dB
Noise to environment (LwA)	104 dB
/ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	~ 2.00 111/5
	0.10
Steering wheels (front / rear)	2/2
Orive wheels (front / rear)	2/2
Safety / Cab certification	Standard EN 15000 / Cabin ROPS - FOPS le

## MT 1335 100D ST5 - Dimensional drawing

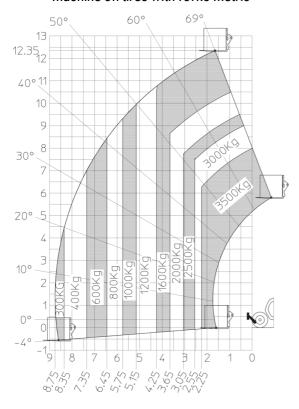




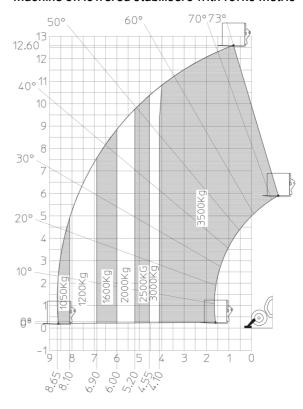


## MT 1335 100D ST5 - Load chart

### Machine on tires with forks Metric



### Machine on lowered stabilisers with forks Metric







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