Technical sheet:

# MT 1335 100D ST5

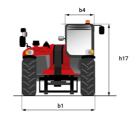


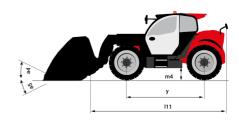


|   | MT 1335 100D ST5 Created on August 14, 2025 at 8:53 AM                 |
|---|--|
| Capacities  | Metric   |
| Max. capacity   | 3500 kg  |
| Max. lifting height   | 12.60 m  |
| Maximum outreach  | 8.65 m   |
| Breakout force with bucket  | 7400 daN   |
| Weight and dimensions   |  |
| Overall length to carriage  | I11 5.72 m   |
| Length to face of forks   | 12 5.72 m  |
| Overall length (with forks)   | I1 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  | Inflatable   |
| Standard tires  | Alliance 400/80 - 24 - 162A8   |
| Forks length / width / section  | I / 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 cm <sup>3</sup>   |
| I.C. Engine power rating - Power  | 100 Hp / 74.40 kW  |
| Max. torque / Engine rotation   | 410 Nm @ 1600 rpm  |
| Drawbar pull (Laden)  | 9700 daN   |
| HVO validated (according to EN 15940 standard)  | Yes  |
| Electric circuit  | 163  |
| 12V Battery capacity  | 110 Ah   |
| Transmission  | TTO All  |
|   | Towns sequentes  |
| 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  |  |
| Hydraulic pump type   | Axial piston   |
| Hydraulic flow / Pressure   | 100 l/min 060 has  |
| Tank capacities   | 133 l/min-260 bar  |
| Engine oil  |  |
|   | 8.50 l   |
| Hydraulic oil   |  |
| Hydraulic oil Fuel tank   | 8.50 l   |
|   | 8.50 l<br>153 l  |
| Fuel tank   | 8.50 l<br>153 l  |
| Fuel tank Noise and vibration   | 8.50 l<br>153 l<br>137 l   |
| Fuel tank  Noise and vibration  Noise at driving position (LpA)   | 8.50 I<br>153 I<br>137 I<br>77 dB                                      |
| Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)   | 8.50 I<br>153 I<br>137 I<br>77 dB<br>104 dB                            |
| Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous                                 | 8.50 I<br>153 I<br>137 I<br>77 dB<br>104 dB<br>< 2.50 m/s <sup>2</sup> |
| Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous  Steering wheels (front / rear) | 8.50 I<br>153 I<br>137 I<br>77 dB<br>104 dB<br>< 2.50 m/s <sup>2</sup> |
| Fuel tank  Noise and vibration  Noise at driving position (LpA)  Noise to environment (LwA)  Vibration on hands/arms  Miscellaneous                                 | 8.50 I<br>153 I<br>137 I<br>77 dB<br>104 dB<br>< 2.50 m/s <sup>2</sup> |

## MT 1335 100D ST5 - Dimensional drawing

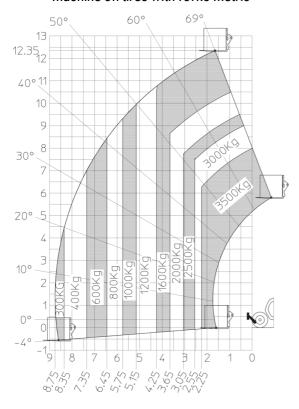




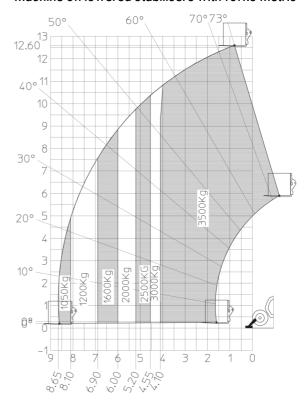


## MT 1335 100D ST5 - Load chart

### Machine on tires with forks Metric



### Machine on lowered stabilisers with forks Metric







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