

Technical sheet :

# **MT 1335 H 100D ST5**

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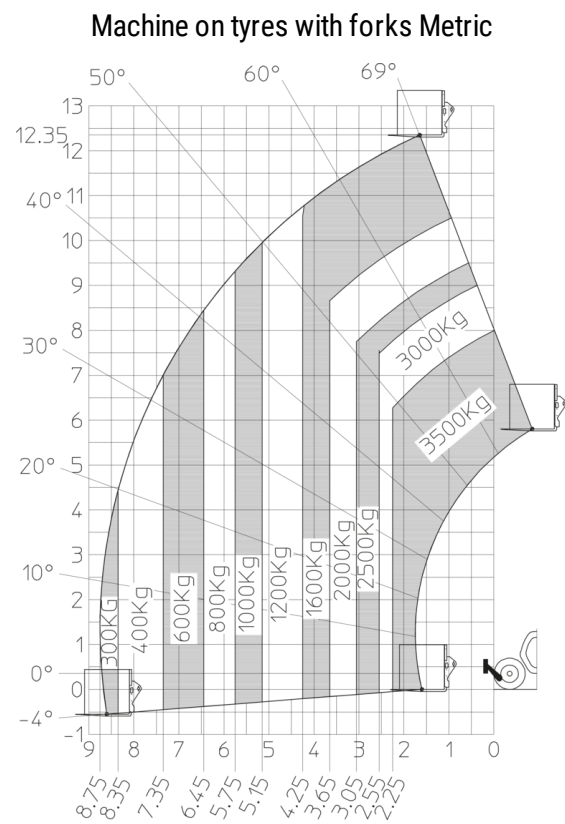
 **MANITOU**  
HANDLING YOUR WORLD

| 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              | l / 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)                        |           | 6900 daN                                    |
| Electric circuit                            |           |   |
| 12V Battery capacity                        |           | 110 Ah                                      |
| Transmission                                |           |   |
| Transmission type                           |           | Hydrostatic                                 |
| Number of gears (forward / reverse)         |           | 2 / 2                                       |
| Max. travel speed                           |           | 24.90 km/h                                  |
| Parking brake                               |           | Automatic parking brake                     |
| Service brake                               |           | Hydraulic servo brake                       |
| Hydraulics                                  |           |   |
| Hydraulic pump type                         |           | Axial piston                                |
| Hydraulic Pressure                          |           | 270 bar                                     |
| Tank capacities                             |           |   |
| Engine oil                                  |           | 8.50 l                                      |
| Hydraulic oil                               |           | 153 l                                       |
| Fuel tank                                   |           | 137 l                                       |
| Noise and vibration                         |           |   |
| Noise at driving position (LpA)             |           | 77 dB                                       |
| Noise to environment (LwA)                  |           | 104 dB                                      |
| Vibration on hands/arms                     |           | < 2.50 m/s²                                 |
| Miscellaneous                               |           |   |
| 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 H 100D ST5 - Dimensional drawing



MT 1335 H 100D ST5 - Load chart





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