

Technical sheet :

# **MT 1135 H 100D**

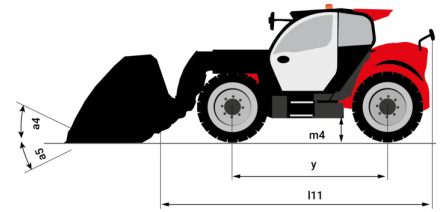
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 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Metric  |
|---|-----------|---|
| Max. capacity                               | Q         | 3500 kg                                       |
| Max. lifting height                         |           | 10.90 m                                       |
| Maximum outreach                            |           | 7.20 m  |
| Breakout force with bucket                  |           | 6850 daN                                      |
| Weight and dimensions                       |           |   |
| Overall length to carriage                  | l11       | 5.29 m  |
| Length to face of forks                     | l2        | 5.14 m  |
| Overall length (with forks)                 | l1        | 6.34 m  |
| Overall width                               | b1        | 2.26 m  |
| Overall height                              | h17       | 2.48 m  |
| Wheelbase                                   | y         | 2800 mm                                       |
| 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       | 3.77 m  |
| External turning radius (over tyres)        | Wa1       | 3.77 m  |
| Unladen weight (with forks)                 |           | 8660 kg                                       |
| Overall weight                              |           | 8660 kg                                       |
| Tires type                                  |           | Inflatable                                    |
| Standard tires                              |           | Alliance 400/80 - 24 - 162A8                  |
| Forks length / width / section              | l / e / s | 1200 mm x 100 mm x 50 mm                      |
| Performances                                |           |   |
| Lifting                                     |           | 7.60 s  |
| Lowering                                    |           | 5.40 s  |
| Extension                                   |           | 12.30 s                                       |
| Retraction                                  |           | 8.20 s  |
| Crowd                                       |           | 3.10 s  |
| Dump  |           | 3.60 s  |
| Engine                                      |           |   |
| Engine brand                                |           | Deutz   |
| Engine norm                                 |           | Stage V                                       |
| Engine model                                |           | TCD 3.6                                       |
| Number of cylinders / Capacity of cylinders |           | 4 - 3621 cm <sup>3</sup>                      |
| Engine power (Hp/kW)                        |           | 100 Hp / 74.40 kW                             |
| Max. torque / Engine rotation               |           | 410 Nm @ 1600 rpm                             |
| Drawbar pull (Laden)                        |           | 6900 daN                                      |
| 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                                  |           | 10 l  |
| Hydraulic oil                               |           | 149 l   |
| Diesel Exhaust fluid (AdBlue® type)         |           | 10 l  |
| Fuel  |           | 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/s <sup>2</sup>                       |
| Miscellaneous                               |           |   |
| Steering wheels (front / rear)              |           | 2 / 2   |
| Drive wheels (front / rear)                 |           | 2 / 2   |
| Safety / Cab certification                  |           | Standard EN 15000 / Cabin ROPS - FOPS level 2 |
| Controls                                    |           | JSM   |

# MT 1135 H 100D - Dimensional drawing



# MT 1135 H 100D - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



### Load Chart metric





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