

Technical sheet :

# MTA 950

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 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Metric                        |
|---|-----------|-------------------------------|
| Max. capacity                               |           | 4082.33 kg                    |
| Max. lifting height                         |           | 15.29 m                       |
| Maximum outreach                            |           | 11.15 m                       |
| Weight and dimensions                       |           |                               |
| Overall length to carriage                  | l11       | 6.40 m                        |
| Overall length (with forks)                 | l1        | 7.62 m                        |
| Overall width                               | b1        | 2.54 m                        |
| Overall height                              | h17       | 2.59 m                        |
| Wheelbase                                   | y         | 3.50 m                        |
| Ground clearance                            | m4        | 0.48 m                        |
| Overall cab width                           | b4        | 0.95 m                        |
| Tilt-up angle                               | a4        | 34 °                          |
| Tilt-down angle                             | a5        | 96 °                          |
| External turning radius                     | Wa3       | 3.88 m                        |
| Overall weight                              |           | 12995.42 kg                   |
| Tires type                                  |           | Pneumatic                     |
| Forks length / width / section              | l / e / s | 1219 mm x 127 mm x 50.80 mm   |
| Frame leveling longitudinal +/-             |           | 10 °                          |
| Performances                                |           |                               |
| Lifting                                     |           | 16 s                          |
| Lowering                                    |           | 11 s                          |
| Extension                                   |           | 18 s                          |
| Retraction                                  |           | 16 s                          |
| Crowd                                       |           | 4 s                           |
| Dump  |           | 6 s                           |
| Engine                                      |           |                               |
| Engine brand                                |           | Deutz                         |
| Engine norm                                 |           | Tier 4 final                  |
| Engine model                                |           | TCD 3.6 L4                    |
| Number of cylinders / Capacity of cylinders |           | 4 - 3600 cm³                  |
| I.C. Engine power rating - Power            |           | 127 Hp / 95 kW                |
| Max. torque / Engine rotation               |           | 500 Nm @ 2300 rpm             |
| Transmission                                |           |                               |
| Transmission type                           |           | Powershift                    |
| Number of gears (forward / reverse)         |           | 5 / 3                         |
| Max. travel speed                           |           | 32 km/h                       |
| Parking brake                               |           | Hydraulic spring release SAHR |
| Service brake                               |           | Wet disc brakes               |
| Hydraulics                                  |           |                               |
| Hydraulic pump type                         |           | Axial piston                  |
| Hydraulic flow / Pressure                   |           | 151 l/min-275.80 bar          |
| Tank capacities                             |           |                               |
| Engine oil                                  |           | 8.51 l                        |
| Hydraulic oil                               |           | 159 l                         |
| Diesel Exhaust fluid (AdBlue® type)         |           | 15.14 l                       |
| Fuel tank                                   |           | 144 l                         |
| Noise and vibration                         |           |                               |
| Noise at driving position (LpA)             |           | 80 dB                         |
| Miscellaneous                               |           |                               |
| Steering wheels (front / rear)              |           | 2 / 2                         |
| Drive wheels (front / rear)                 |           | 2 / 2                         |
| Controls                                    |           | Joystick                      |



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