

Technical sheet :

# **MHT-X 11250 ST3A**

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 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Metric   |
|---|-----------|--|
| Max. capacity                               |           | 24999 kg   |
| Load center of gravity                      | c         | 900 mm   |
| Max. lifting height                         |           | 10.60 m  |
| Maximum outreach                            |           | 6 m  |
| Weight and dimensions                       |           |  |
| Overall length                              | l1        | 8.92 m   |
| Unladen weight (with forks)                 |           | 32950 kg   |
| Ground clearance                            | m4        | 0.47 m   |
| Wheelbase                                   | y         | 4.10 m   |
| Length to face of forks                     | l2        | 7.12 m   |
| Overall width                               | b1        | 2.80 m   |
| Overall height                              | h17       | 3.07 m   |
| Overall cab width                           | b4        | 0.95 m   |
| Tilt-up angle                               | a4        | 10 °   |
| Tilt-down angle                             | a5        | 106 °  |
| External turning radius (over tyres)        | Wa1       | 5.50 m   |
| Forks length / width / section              | l / e / s | 1800 mm x 220 mm x 100 mm                              |
| Frame leveling corrector                    | a9        | 10 °   |
| Wheels                                      |           |  |
| Standard tires                              |           | 18.00 R25  |
| Number of front wheels / rear wheels        |           | 2 / 2  |
| Drive wheels (front / rear)                 |           | 2 / 2  |
| Steering mode                               |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Engine                                      |           |  |
| Engine brand                                |           | Yanmar   |
| Engine norm                                 |           | Stage IIIA   |
| Engine model                                |           | 4TN107TF6SMU2  |
| Number of cylinders / Capacity of cylinders |           | 4 - 4567 cm³   |
| I.C. Engine power rating / Power            |           | 211 Hp / 155 kW  |
| Max. torque / Engine rotation               |           | 805 Nm@1500 rpm  |
| Engine cooling system                       |           | Water  |
| Number of batteries                         |           | 2  |
| Battery voltage                             |           | 12 V   |
| Drawbar pull                                |           | 20400 daN  |
| Transmission                                |           |  |
| Transmission type                           |           | Hydrostatic  |
| Number of gears (forward / reverse)         |           | 2 / 2  |
| Max. travel speed                           |           | 25 km/h  |
| Parking brake                               |           | Automatic negative parking brake                       |
| Service brake                               |           | Oil-immersed multi-discs braking on front & rear axles |
| Gradeability (laden / unladen)              |           | 31.50 % / 57.70 %                                      |
| Hydraulics                                  |           |  |
| Hydraulic pump type                         |           | Variable displacement pump                             |
| Hydraulic flow - Pressure                   |           | 286 l/min - 350 bar                                    |
| Tank capacities                             |           |  |
| Engine oil                                  |           | 13 l   |
| Fuel tank                                   |           | 315 l  |
| Noise and vibration                         |           |  |
| Noise to environment (LwA)                  |           | 109 dB   |
| Vibration on hands/arms                     |           | < 2.50 m/s²  |
| Miscellaneous                               |           |  |
| Cab certification                           |           | Cabin ROPS - FOPS level 2                              |
| Controls                                    |           | JSM  |
| Attachment recognition system (E-Reco)      |           | Standard   |

## MHT-X 11250 ST3A - Dimensional drawing



## MHT-X 11250 ST3A - Load chart

Machine on tires with forks LC 900 mm Metric



Machine on tires with forks LC 1200 mm Metric



Machine on tires with winch 25000 kg (Metric)



Machine on tires with 3-hook jib 25000 kg (Metric)



Machine on tires with tire handler TH 63 (Metric)



Machine on tires with cylinder handler CH 10 (Metric)





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