

Technical sheet :

MHT-X 12330



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|-------------------------------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity | | 33000 kg |
| Load center of gravity | c | 1200 mm |
| Max. lifting height | | 11.92 m |
| Max. outreach | | 6.60 m |
| Weight and dimensions | | |
| Overall length | l1 | 10.77 m |
| Unladen weight (with forks) | | 49000 kg |
| Ground clearance | m4 | 0.59 m |
| Wheelbase | y | 4.90 m |
| Length to face of forks | l2 | 8.37 m |
| Overall width | b1 | 2.98 m |
| Overall height | h17 | 3.60 m |
| Overall cab width | b4 | 0.97 m |
| Tilt-up angle | a4 | 10 ° |
| Tilt-down angle | a5 | 100 ° |
| External turning radius (over tyres) | Wa1 | 7.42 m |
| Outer turning radius (with forks) | b15 | 9.33 m |
| Forks length / width / section | l / e / s | 2400 mm x 250 mm x 110 mm |
| Frame leveling corrector | a9 | 6 ° |
| Wheels | | |
| Standard tires | | 21.00 R35 |
| 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 | | Deutz |
| Engine norm | | Stage III / Tier 3 |
| Engine model | | TCD 6.1 L6 |
| Number of cylinders / Capacity of cylinders | | 6 - 6100 cm³ |
| I.C. Engine power rating / Power | | 245 Hp / 180 kW |
| Max. torque / Engine rotation | | 1000 Nm@1450 rpm |
| Engine cooling system | | Water |
| Number of batteries | | 2 |
| Battery voltage | | 12 V |
| Drawbar pull | | 28400 daN |
| Transmission | | |
| Transmission type | | Hydrostatic with Powershift |
| Number of gears (forward / reverse) | | 3 / 3 |
| 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) | | 36 % |
| Hydraulics | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow - Pressure | | 310 l/min - 350 bar |
| Tank capacities | | |
| Engine oil | | 21 l |
| Fuel tank | | 600 l |
| Noise and vibration | | |
| Noise to environment (LwA) | | 110 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 71 dB |
| Miscellaneous | | |
| Safety cab homologation | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |
| Attachment recognition system (E-Reco) | | Standard |

MHT-X 12330 - Dimensional drawing





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