

Technical sheet :

MT-X 1033



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | | 3300 kg |
| Max. lifting height | | 9.98 m |
| Max. outreach | | 7.15 m |
| Breakout force with bucket | | 5330 daN |
| Weight and dimensions | | |
| Overall length to carriage | l11 | 4.93 m |
| Length to face of forks | l2 | 4.93 m |
| Overall width | b1 | 2.25 m |
| Overall height | h17 | 2.30 m |
| Wheelbase | y | 2.69 m |
| Ground clearance | m4 | 0.44 m |
| Overall cab width | b4 | 0.89 m |
| Tilt-up angle | a4 | 12 ° |
| Tilt-down angle | a5 | 114 ° |
| External turning radius (over tyres) | Wa1 | 3.66 m |
| Unladen weight (with forks) | | 7745 kg |
| Overall weight | | 7745 kg |
| Tires type | | Pneumatic |
| Standard tires | | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm / 45 mm |
| Performances | | |
| Lifting | | 6.70 s |
| Lowering | | 5.40 s |
| Extension | | 13.60 s |
| Retraction | | 8.70 s |
| Crowd | | 2.70 s |
| Dump | | 2.30 s |
| Engine | | |
| Engine brand | | Perkins |
| Engine norm | | Stage IIIA |
| Max. fuel sulphur content | | 5000 ppm |
| Engine model | | 1104D-44 TA |
| Number of cylinders / Capacity of cylinders | | 4 - 4400 cm³ |
| I.C. Engine power rating - Power | | 101 Hp / 74.50 kW |
| Max. torque / Engine rotation | | 410 Nm @ 1400 rpm |
| Drawbar pull (Laden) | | 9100 daN |
| Transmission | | |
| Transmission type | | Torque converter |
| Number of gears (forward / reverse) | | 4 / 4 |
| Max. travel speed | | 27 km/h |
| Parking brake | | Manual |
| Service brake | | Oil-immersed multi-discs on front & rear axles |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow / Pressure | | 106 l/min-250 bar |
| Tank capacities | | |
| Engine oil | | 11 l |
| Hydraulic oil | | 128 l |
| Fuel tank | | 120 l |
| Noise and vibration | | |
| Noise at driving position (LpA) | | 76 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-X 1033 - Dimensional drawing



MT-X 1033 - Load chart

Machine on tyres with forks Metric



Machine on lowered stabilisers with forks Metric





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