

Technical sheet :

M-X 50-4



 **MANITOU**
HANDLING YOUR WORLD

| Technical characteristics | | Metric | |
|---------------------------|------------------------------------------------------|-----------|------------------------------------------|
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | M-X 50-4 |
| 1.3 | Power source | | Diesel |
| 1.4 | Operator type | | Seated |
| 1.5 | Max. capacity | Q | 5000 kg |
| 1.6 | Load center of gravity | c | 600 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 762 mm |
| 1.9 | Wheelbase | y | 2120 mm |
| Weight | | | |
| 2.1 | Service weight | | 7660 kg |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 10800 kg / 1869 kg |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | | 2570 kg / 5090 kg |
| Wheels | | | |
| 3.1 | Tires type | | Pneumatic |
| 3.3 | Dimensions of rear wheels | | 340/80R18 XMCL 143A8 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 2 |
| 3.5.2 | Number of drive wheels | | 4 |
| 3.6 | Front wheel gauge | b10 | 1620 mm |
| Dimensions | | | |
| 4.7 | Height of overhead guard (cabin) | h6 | 2495 mm |
| 4.19 | Overall length | l1 | 4945 mm |
| 4.20 | Length to face of forks | l2 | 3745 mm |
| 4.21 | Overall width | b1 | 2080 mm |
| 4.22 | Forks section x width x length | s / e / l | 50 mm x 150 mm / 1200 mm |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 4A |
| 4.24 | Fork carriage width | b3 | 1670 mm |
| 4.31 | Ground clearance below mast | m1 | 265 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 375 mm |
| 4.35 | Turning radius | Wa | 4155 mm |
| Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 24 km/h / 23.40 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.40 m/s / 0.50 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.40 m/s / 0.40 m/s |
| 5.5 | Drawbar pull (Laden / Unladen) | | 10360 daN / 6205 daN |
| 5.10 | Service brake | | Hydraulic |
| | Transmission type | | Torque converter |
| Engine | | | |
| 7.1 | Engine brand / model / norm | | Perkins / 1104D-44T NL38894 / Stage IIIA |
| 7.2 | Engine power (Hp / kW) | | 95 Hp/70 kW |
| 7.3 | Rated speed | | 2360 rpm |
| Miscellaneous | | | |
| 8.1 | Type of drive control | | Hydraulic |
| 8.2 | Working hydraulic pressure for attachments | | 210 bar |
| 8.3 | Oil flow rate for attachments | | 87 l/min |

M-X 50-4 - Dimensional drawing





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