

Technical sheet :

# M-X 50-2

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 **MANITOU**  
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|       | Technical characteristics                            |     | Metric                                   |
|-------|--|-----|--|
| 1.1   | Manufacturer   |     | Manitou                                  |
| 1.2   | Model Name   |     | M-X 50-2                                 |
| 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   | 772 mm                                   |
| 1.9   | Wheelbase  | y   | 2120 mm                                  |
|       | Weight   |     |  |
| 2.1   | Service weight                                       |     | 7480 kg                                  |
| 2.2   | Weight on front axle (laden) / rear axle (laden)     |     | 10895 kg / 1930 kg                       |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen) |     | 2645 kg / 5180 kg                        |
|       | Wheels   |     |  |
| 3.1   | Tires type   |     | Pneumatic                                |
| 3.3   | Dimensions of rear wheels                            |     | 10R17,5 134/132M G291                    |
| 3.5   | Number of front wheels / rear wheels                 |     | 2 / 2                                    |
| 3.5.2 | Number of drive wheels                               |     | 2  |
| 3.6   | Front wheel gauge                                    | b10 | 1620 mm                                  |
|       | Dimensions   |     |  |
| 4.7   | Height of overhead guard (cabin)                     | h6  | 2420 mm                                  |
| 4.19  | Overall length                                       | l1  | 4955 mm                                  |
| 4.20  | Length to face of forks                              | l2  | 3755 mm                                  |
| 4.21  | Overall width  | b1  | 2060 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  | 365 mm                                   |
| 4.35  | Turning radius                                       | Wa  | 3395 mm                                  |
|       | Performances   |     |  |
| 5.1   | Travel speed (laden)                                 |     | 22.80 km/h                               |
| 5.2   | Lifting speed (laden / unladen)                      |     | 0.40 m/s / 0.40 m/s                      |
| 5.3   | Lowering speed (laden / unladen)                     |     | 0.50 m/s / 0.40 m/s                      |
| 5.5   | Drawbar pull (Laden / Unladen)                       |     | 5685 daN / 3665 daN                      |
| 5.10  | Service brake  |     | Hydraulic                                |
|       | Engine   |     |  |
| 7.1   | Engine brand / model / norm                          |     | Perkins / 1104D-44T NL38894 / Stage IIIA |
| 7.2   | I.C. Engine power rating                             |     | 70 Hp                                    |
| 7.3   | Rated speed  |     | 2360 rpm                                 |
|       | Miscellaneous  |     |  |
| 8.1   | Type of drive control                                |     | Hydraulic                                |

M-X 50-2 - Dimensional drawing



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