Technical sheet :



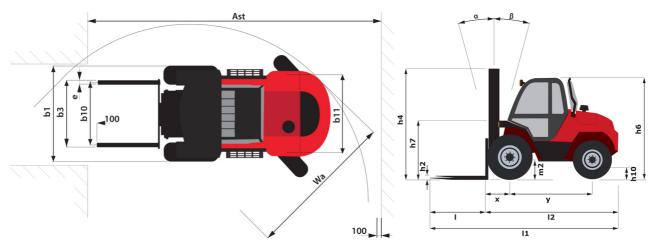




| | Technical characteristics |
|-------|--|
| 1.1 | Manufacturer |
| 1.2 | Model Name |
| 1.3 | Power source |
| 1.4 | Operator type |
| 1.5 | Max. capacity |
| 1.6 | Load center of gravity |
| 1.8 | Load distance, centre of drive axle to fork |
| 1.9 | Wheelbase |
| | Weight |
| 2.1 | Service weight |
| 2.2 | Weight on front axle (laden) / rear axle (laden) |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) |
| | Wheels |
| 3.1 | Tires type |
| 3.3 | Dimensions of rear wheels |
| 3.5 | Number of front wheels / rear wheels |
| 3.5.2 | Number of drive wheels |
| 3.6 | Front wheel gauge |
| | Dimensions |
| 4.7 | Height of overhead guard (cabin) |
| 4.19 | Overall length |
| 4.20 | Length to face of forks |
| 4.21 | Overall width |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B |
| 4.24 | Fork carriage width |
| 4.31 | Ground clearance below mast |
| 4.32 | Ground clearance at centre of wheelbase |
| 4.35 | Turning radius |
| | Performances |
| 5.1 | Travel speed (laden) |
| 5.2 | Lifting speed (laden / unladen) |
| 5.3 | Lowering speed (laden / unladen) |
| 5.5 | Drawbar pull (Laden / Unladen) |
| 5.10 | Service brake |
| | Engine |
| 7.1 | Engine brand / model / norm |
| 7.2 | I.C. Engine power rating |
| 7.3 | Rated speed |
| | Miscellaneous |
| 8.1 | Type of drive control |
| | |

| M-X 50 | □- ∠ Created on August 1, 2025 at 6:09 PM UTC |
|--------|--|
| | Metric |
| | Manitou |
| | M-X 50-2 |
| | Diesel |
| | Seated |
| Q | 5000 kg |
| С | 600 mm |
| х | 772 mm |
| у | 2120 mm |
| | |
| | 7480 kg |
| | 10895 kg / 1930 kg |
| | 2645 kg / 5180 kg |
| | |
| | Pneumatic |
| | 10R17,5 134/132M G291 |
| | 2/2 |
| | 2 |
| b10 | 1620 mm |
| | |
| h6 | 2420 mm |
| 11 | 4955 mm |
| 12 | 3755 mm |
| b1 | 2060 mm |
| | 4A |
| b3 | 1670 mm |
| m1 | 265 mm |
| m2 | 365 mm |
| Wa | 3395 mm |
| | |
| | 22.80 km/h |
| | 0.40 m/s / 0.40 m/s |
| | 0.50 m/s / 0.40 m/s |
| | 5685 daN / 3665 daN |
| | Hydraulic |
| | |
| | Perkins / 1104D-44T NL38894 / Stage IIIA |
| | 70 Hp |
| | 2360 mm |
| | 11. 1 . P |
| | Hydraulic |

M-X 50-2 - Dimensional drawing



Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | FVD 30 | FVD 33 | FVD 35 | FVD 37 | FVD 40 | FVD 45 | FVD 50 | |
|---|--------|--------|--------|--------|--------|--------|--------|------|
| a - Mast/fork carriage tilt, forward | ٥ | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| β - Mast/fork carriage tilt, backward | ٥ | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| h1 - Mast lowered height | mm | 2475 | 2625 | 2725 | 2825 | 2975 | 3225 | 3475 |
| h4 - Mast extended height | mm | 4025 | 4325 | 4525 | 4725 | 5025 | 5525 | 6025 |
| Height at max capacity | mm | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |

| Free Lift Triplex (FLT) | | FLT 37 | FLT 40 | FLT 43 | FLT 45 | FLT 47 | FLT 50 | FLT 55 | FLT 60 |
|--|----|--------|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ٥ | 15 | 15 | 15 | 15 | 15 | 10 | 10 | 10 |
| β - Mast/fork carriage tilt, backward | ۰ | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| h1 - Mast lowered height | mm | 2225 | 2325 | 2425 | 2500 | 2560 | 2675 | 2825 | 3000 |
| h2 - Mast free lift | mm | 1265 | 1365 | 1465 | 1540 | 1600 | 1715 | 1865 | 2040 |
| h4 - Mast extended height | mm | 4725 | 5025 | 5325 | 5525 | 5725 | 6025 | 6525 | 7025 |
| Height at max capacity | mm | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |



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