Technical sheet :







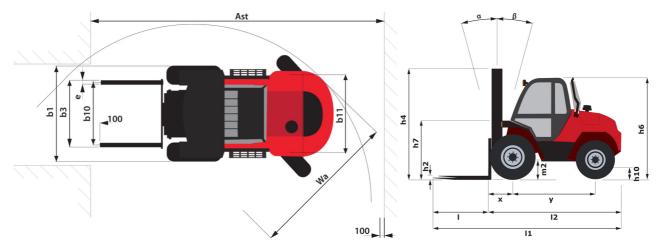
|   | Technical characteristics                            |
|---|--|
|   | Manufacturer   |
|   | Model Name   |
|   | Power source   |
| Ļ | Operator type  |
|   | Max. capacity  |
| 6 | Load center of gravity                               |
| 3 | Load distance, centre of drive axle to fork          |
|   | Wheelbase  |
|   | Weight   |
|   | Service weight                                       |
|   | Weight on front axle (laden) / rear axle (laden)     |
|   | Weight on front axle (Unladen) / rear axle (Unladen) |
|   | Wheels   |
|   | Tires type   |
|   | Dimensions of rear wheels                            |
|   | Number of front wheels / rear wheels                 |
|   | Number of drive wheels                               |
|   | Front wheel gauge                                    |
|   | Dimensions   |
|   | Height of overhead guard (cabin)                     |
|   | Overall length                                       |
|   | Length to face of forks                              |
|   | Overall width  |
|   | Forks section x width x length                       |
|   | Fork carriage ISO 2328 (class/form) A/B              |
|   | Fork carriage width                                  |
|   | Ground clearance below mast                          |
|   | Ground clearance at centre of wheelbase              |
|   | Turning radius                                       |
|   | Performances   |
|   | Travel speed (laden / unladen)                       |
|   | Lifting speed (laden / unladen)                      |
|   | Lowering speed (laden / unladen)                     |
|   | Drawbar pull (Laden / Unladen)                       |
|   | Service brake  |
|   | Transmission type                                    |
|   | Engine   |
|   | Engine brand / model / norm                          |
|   | I.C. Engine power rating                             |
|   | Rated speed  |
|   | Miscellaneous  |
|   | Type of drive control                                |

| 50-4 | Created on July 27, 2025 at 2:37 AM UTC |
|------|---|
|      | Metric                                  |
|      | Manitou                                 |
|      | M-X 50-4                                |
|      | Diesel                                  |
|      | Seated                                  |
|      | 5000 kg                                 |
|      | 600 mm                                  |
|      | 762 mm                                  |
|      | 2120 mm                                 |

м-х

## 2120 mm 7660 kg 10800 kg / 1869 kg 2570 kg / 5090 kg Pneumatic 340/80R18 XMCL 143A8 2/2 4 0 1620 mm 2495 mm 6 4945 mm 2 3745 mm 2080 mm e / 1 50 mm x 150 mm / 1200 mm 4A 3 1670 mm 265 mm 375 mm 2 4155 mm 24 km/h / 23.40 km/h 0.40 m/s / 0.50 m/s 0.40 m/s / 0.40 m/s 10360 daN / 6205 daN Hydraulic Torque converter Perkins / 1104D-44T NL38894 / Stage IIIA 70 Hp 2360 rpm Hydraulic

## M-X 50-4 - 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 |
|---|----|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward                          | ۰  | 15     | 15     | 15     | 15     | 15     | 15     | 15     |
| $\beta$ - Mast/fork carriage tilt, backward                   | ٥  | 15     | 15     | 15     | 15     | 15     | 15     | 15     |
| h1 - Mast lowered height                                      | mm | 2520   | 2670   | 2770   | 2870   | 3020   | 3270   | 3520   |
| h4 - Mast extended height                                     | mm | 4070   | 4370   | 4570   | 4770   | 5070   | 5570   | 6070   |
| Residual capacity at max height                               | kg | 5000   | 5000   | 5000   | 5000   | 5000   | 4500   | 4000   |
| Residual capacity with integrated side<br>shift at max heigth | kg | 4700   | 4700   | 4700   | 4700   | 4700   | 4050   | 3600   |
| 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                          | ۰  | 15     | 15     | 15     | 15     | 15     | 10     | 10     | 10     |
| β - Mast/fork carriage tilt,<br>backward                      | ٥  | 15     | 15     | 15     | 15     | 15     | 15     | 15     | 15     |
| h1 - Mast lowered height                                      | mm | 2270   | 2370   | 2470   | 2545   | 2605   | 2720   | 2870   | 3045   |
| h2 - Mast free lift   | mm | 1265   | 1365   | 1465   | 1540   | 1600   | 1715   | 1865   | 2040   |
| h4 - Mast extended height                                     | mm | 4770   | 5070   | 5370   | 5570   | 5770   | 6070   | 6570   | 7070   |
| Residual capacity at max height                               | kg | 5000   | 5000   | 4500   | 4000   | 3700   | 3300   | 2400   | 2000   |
| Residual capacity with integrated<br>side shift at max heigth | kg | 4700   | 4500   | 4050   | 3600   | 3330   | 2970   | 2160   | 1800   |
| Height at max capacity  | mm | 2500   | 2500   | 2500   | 2500   | 2500   | 2500   | 2500   | 2500   |



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