Technical sheet :





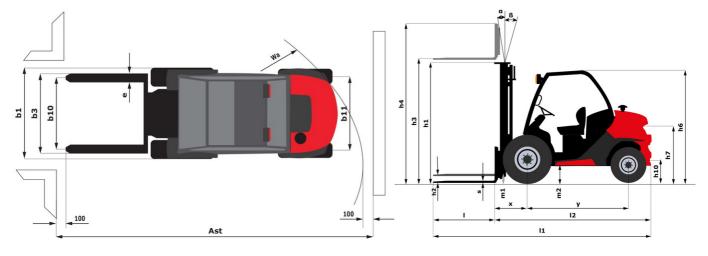


|       | Technical characteristics  |           |
|-------|--|-----------|
| 1.1   | Manufacturer   |           |
| 1.2   | Model Name   |           |
| 1.3   | Power source   |           |
| 1.4   | Operator type  |           |
| 1.5   | Max. capacity  | Q         |
| 1.6   | Load center of gravity   | c         |
| 1.8   | Load distance, centre of drive axle to fork  | X         |
| 1.9   | Wheelbase  | у         |
|       | 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   |           |
| 3.2   | Dimensions of front wheels   |           |
| 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  | b10       |
| 3.7   | Rear wheel gauge   | b11       |
|       | Dimensions   |           |
| 4.7   | Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version) | h6 / h6*  |
| 4.8   | Seat height/stand height   | h7        |
| 4.19  | Overall length   | 1         |
| 4.20  | Length to face of forks  | 12        |
| 4.21  | Overall width  | b1        |
| 4.22  | Forks section x width x length   | s / e / l |
| 4.23  | Fork carriage ISO 2328 (class/form) A/B  |           |
| 4.24  | Fork carriage width  | b3        |
| 4.31  | Ground clearance below mast  | m1        |
| 4.32  | Ground clearance at centre of wheelbase  | m2        |
| 4.35  | Turning radius   | Wa        |
|       | Performances   |           |
| 5.1   | Travel speed (laden / unladen)   |           |
| 5.2   | Lifting speed (laden / unladen)  |           |
| 5.3   | Lowering speed (laden / unladen)   |           |
| 5.10  | Service brake  |           |
|       | Transmission type  |           |
|       | Engine   |           |
| 7.1   | Engine brand / model / norm  |           |
| 7.2   | I.C. Engine power rating   |           |
| 7.3   | Rated speed  |           |
| 7.4   | Number of cylinders / Capacity of cylinders  |           |
|       | Miscellaneous  |           |
| 8.1   | Type of drive control  |           |
| 8.2   | Working hydraulic pressure for attachments   |           |
| 8.3   | Oil flow rate for attachments  |           |
|       |  |           |

| MC-X 25-4 Created on July 31, 2025 at 9:12 PM UTC |           |  |  |  |  |
|---|-----------|--|--|--|--|
|   | Metric    |  |  |  |  |
|   | Manitou   |  |  |  |  |
|   | MC-X_25-4 |  |  |  |  |
|   | Diesel    |  |  |  |  |
|   | Seated    |  |  |  |  |
| Q   | 2500 kg   |  |  |  |  |
| С   | 500 mm    |  |  |  |  |
|   |           |  |  |  |  |

|          | Diedei   |
|----------|--|
|          | Seated   |
| Q        | 2500 kg  |
| с        | 500 mm   |
| х        | 621 mm   |
| у        | 1900 mm  |
|          |  |
|          | 4035 kg  |
|          | 5550 kg / 985 kg   |
|          | 1575 kg / 2460 kg  |
|          | 1070 kg / 2400 kg  |
|          | Pneumatic  |
|          | 12,5/80-18/12 SL R4  |
|          | •  |
|          | 27x10-12 SKS   |
|          | 2/2  |
|          | 4  |
| b10      | 1159 mm  |
| b11      | 1176 mm  |
|          |  |
| 16 / h6* | 2155 mm / 1990 mm  |
| h7       | 1094 mm  |
| 11       | 4195 mm  |
| 12       | 3045 mm  |
| b1       | 1450 mm  |
| s/e/l    | 40 mm x 122 mm / 1150 mm   |
|          | 2A   |
| b3       | 1260 mm  |
| m1       | 300 mm   |
| m2       | 310 mm   |
| Wa       | 3405 m   |
|          |  |
|          | 12 km/h / 24.90 km/h   |
|          | 0.47 m/s / 0.46 m/s  |
|          | 0.50 m/s / 0.30 m/s  |
|          |  |
|          | Hydraulic brakes by loss of pressure   |
|          |  |
|          | Hydraulic brakes by loss of pressure   |
|          | Hydraulic brakes by loss of pressure   |
| -        | Hydraulic brakes by loss of pressure<br>Hydrostatic  |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW  |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW<br>2700 rpm                                      |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW  |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW<br>2700 rpm<br>4 - 2434 cm <sup>3</sup>          |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW<br>2700 rpm<br>4 - 2434 cm <sup>3</sup><br>Cable |
|          | Hydraulic brakes by loss of pressure<br>Hydrostatic<br>Kubota / V2403 / Stage IIIA<br>36 kW<br>2700 rpm<br>4 - 2434 cm <sup>3</sup>          |

## MC-X 25-4 - Dimensional drawing



## Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD)                |    | FVD 33 | FVD 37 | FVD 45 |
|---|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward        | ٥  | 10     | 10     | 10     |
| $\beta$ - Mast/fork carriage tilt, backward | ٥  | 12     | 12     | 12     |
| h1 - Mast lowered height                    | mm | 2338   | 2598   | 3038   |
| h2 - Mast free lift                         | mm | 112    | 112    | 112    |
| h3 - Mast lifting height                    | mm | 3300   | 3700   | 4500   |
| h4 - Mast extended height                   | mm | 4090   | 4490   | 5290   |
| Height at max capacity                      | mm | 2500   | 2500   | 2500   |

| Free Lift Triplex (FLT)               |    | FLT 34 | FLT 37 | FLT 40 | FLT 43 | FLT 47 | FLT 55 |
|---------------------------------------|----|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward  | ۰  | 10     | 10     | 10     | 10     | 10     | 6      |
| β - Mast/fork carriage tilt, backward | ٥  | 12     | 12     | 12     | 12     | 12     | 6      |
| h1 - Mast lowered height              | mm | 1988   | 2088   | 2188   | 2338   | 2438   | 2788   |
| h2 - Mast free lift                   | mm | 1210   | 1310   | 1410   | 1510   | 1660   | 1920   |
| h3 - Mast lifting height              | mm | 3400   | 3700   | 4000   | 4300   | 4700   | 5500   |
| h4 - Mast extended height             | mm | 4236   | 4536   | 4836   | 5168   | 5536   | 6408   |
| Height at max capacity                | mm | 2500   | 2500   | 2500   | 2500   | 2500   | 2500   |

| Full Visibility Triplex (FVT)               |    | FVT 33 |
|---|----|--------|
| a - Mast/fork carriage tilt, forward        | ٥  | 10     |
| $\beta$ - Mast/fork carriage tilt, backward | ٥  | 12     |
| h1 - Mast lowered height                    | mm | 1878   |
| h2 - Mast free lift                         | mm | 124    |
| h3 - Mast lifting height                    | mm | 3300   |
| h4 - Mast extended height                   | mm | 4079   |
| Height at max capacity                      | mm | 2500   |



Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes