

Technical sheet :

# M-X 30-4



 **MANITOU**  
HANDLING YOUR WORLD

Get in touch today for sales enquiries or further information

CONTACT US



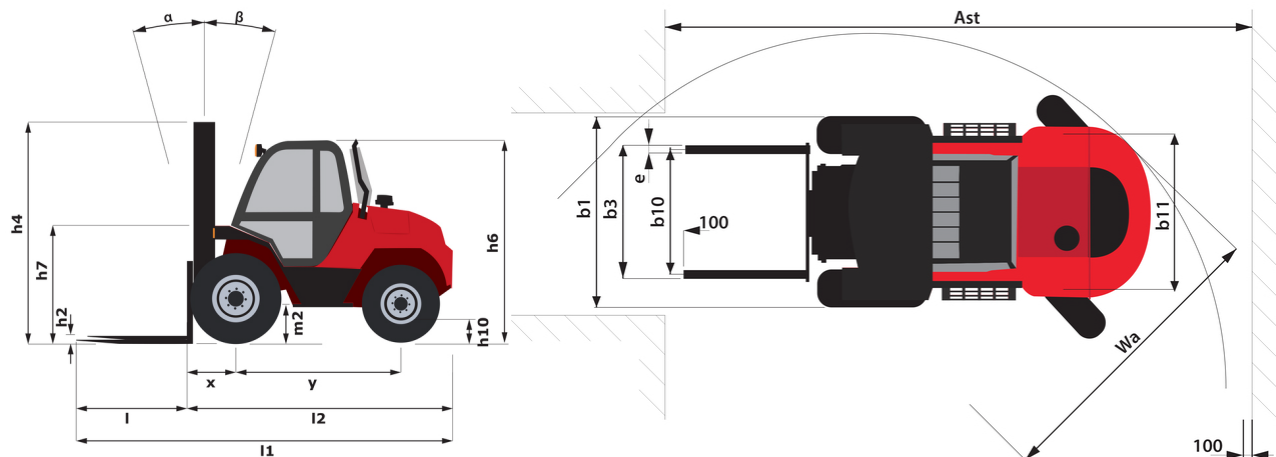
0800 30 30 90

[abequipment.co.nz](http://abequipment.co.nz)



| Technical characteristics |                                                      | Metric           |                             |
|---------------------------|------------------------------------------------------|------------------|-----------------------------|
| 1.1                       | Manufacturer                                         |                  | Manitou                     |
| 1.2                       | Model Name                                           |                  | M-X 30-4                    |
| 1.3                       | Power source                                         |                  | Diesel                      |
| 1.4                       | Operator type                                        |                  | Seated                      |
| 1.5                       | Max. capacity                                        | Q                | 3000 kg                     |
| 1.6                       | Load centre of gravity                               | c                | 500 mm                      |
| 1.8                       | Load distance, centre of drive axle to fork          | x                | 810 mm                      |
| 1.9                       | Wheelbase                                            | y                | 2100 mm                     |
| Weight                    |                                                      |                  |                             |
| 2.1                       | Service weight                                       |                  | 5320 kg                     |
| 2.2                       | Weight on front axle (laden) / rear axle (laden)     |                  | 6550 kg / 1370 kg           |
| 2.3                       | Weight on front axle (Unladen) / rear axle (Unladen) |                  | 2370 kg / 2950 kg           |
| Wheels                    |                                                      |                  |                             |
| 3.1                       | Tyres type                                           |                  | Pneumatic                   |
| 3.3                       | Dimensions of rear wheels                            |                  | 10,5/80-18 10PR TG42 TL     |
| 3.5                       | Number of front wheels / rear wheels                 |                  | 2 / 2                       |
| 3.5.2                     | Number of drive wheels                               |                  | 2                           |
| 3.6                       | Front wheel gauge                                    | b10              | 1670 mm                     |
| Dimensions                |                                                      |                  |                             |
| 4.1                       | Tilt of Mast Forward (deg) / Backward (deg)          | $\alpha / \beta$ | 6 / 12                      |
| 4.7                       | Height of overhead guard (cabin)                     | h6               | 2540 mm                     |
| 4.19                      | Overall length                                       | l1               | 4835 mm                     |
| 4.20                      | Length to face of forks                              | l2               | 3635 mm                     |
| 4.21                      | Overall width                                        | b1               | 2105 mm                     |
| 4.23                      | Fork carriage ISO 2328 (class/fom) A/B               |                  | FEM3                        |
| 4.24                      | Fork carriage width                                  | b3               | 1470 mm                     |
| 4.31                      | Ground clearance below mast                          | m1               | 495 mm                      |
| 4.32                      | Ground clearance at centre of wheelbase              | m2               | 395 mm                      |
| 4.35                      | Turning radius                                       | Wa               | 4070 mm                     |
| Performances              |                                                      |                  |                             |
| 5.1                       | Travel speed (laden / unladen)                       |                  | 27 km/h / 27 km/h           |
| 5.2                       | Lifting speed (laden / unladen)                      |                  | 0.50 m/s / 0.60 m/s         |
| 5.3                       | Lowering speed (laden / unladen)                     |                  | 0.50 m/s / 0.50 m/s         |
| 5.5                       | Drawbar pull (Laden / Unladen)                       |                  | 5685 daN / 3665 daN         |
| 5.10                      | Service brake                                        |                  | Hydraulic                   |
| Engine                    |                                                      |                  |                             |
| 7.1                       | Engine brand / model                                 |                  | Perkins / 1104D-44T NL38894 |
| 7.3                       | Rated speed                                          |                  | 2360 rpm                    |
| Miscellaneous             |                                                      |                  |                             |
| 8.1                       | Type of drive control                                |                  | Hydraulic                   |

## M-X 30-4 - Dimensional drawing



## Characteristics of masts and residual capacities

| -                                                    |    | FLT 55 |
|------------------------------------------------------|----|--------|
| h2 - Free lift                                       | mm | 1.98   |
| h1 - Height mast lowered *                           | mm | 2975   |
| h4 - Height mast extended *                          | mm | 6532   |
| $\alpha$ / $\beta$ - Mast inclination (front / rear) | °  | 6 / 12 |

| Full Visibility Duplex                                       |    | FVD 30 | FVD 33 | FVD 35 | FVD 37 | FVD 40 | FVD 45 | FVD 50 | FVD 55 | FVD 60 |
|--------------------------------------------------------------|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| h2 - Free lift                                               | mm | 130    | 130    | 130    | 130    | 130    | 130    | 130    | 130    | 130    |
| h1 - Height mast lowered *                                   | mm | 2375   | 2525   | 2625   | 2785   | 2975   | 3225   | 3475   | 3725   | 3975   |
| h4 - Height mast extended *                                  | mm | 4115   | 4415   | 4615   | 4815   | 5115   | 5615   | 6115   | 6615   | 7115   |
| $\alpha$ / $\beta$ - Mast inclination (front / rear)         | °  | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 |
| Residual capacity at max height                              | kg |        |        |        |        |        |        |        |        |        |
| Residual capacity without attachment (Industrial load chart) | kg |        |        |        |        |        |        |        | 1500   |        |

| Free Lift Triplex                                                    |    | FLT 37 | FLT 40 | FLT 43 | FLT 47 | FLT 50 | FLT 60 |
|----------------------------------------------------------------------|----|--------|--------|--------|--------|--------|--------|
| h2 - Free lift                                                       | mm | 1283   | 1383   | 1533   | 1633   | 1793   | 2233   |
| h1 - Height mast lowered *                                           | mm | 2275   | 2375   | 2525   | 2625   | 2785   | 3225   |
| h4 - Height mast extended *                                          | mm | 4732   | 5032   | 5332   | 5732   | 6032   | 7032   |
| $\alpha$ / $\beta$ - Mast inclination (front / rear)                 | °  | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 | 6 / 12 |
| Residual capacity at max height                                      | kg | 3000   | 3000   | 2500   | 2250   | 1500   |        |
| Residual capacity without attachment (Industrial load chart)         | kg | 3000   | 3000   | 2500   | 2250   | 1500   |        |
| Residual capacity with integrated side shift (Industrial load chart) | kg |        |        | 2500   | 1750   | 1250   |        |

| Full Visibility Triplex                                      |    | FVT 55 |
|--------------------------------------------------------------|----|--------|
| h2 - Free lift                                               | mm | 0      |
| h1 - Height mast lowered *                                   | mm | 3055   |
| h4 - Height mast extended *                                  | mm | 6725   |
| $\alpha$ / $\beta$ - Mast inclination (front / rear)         | °  | 6 / 12 |
| Residual capacity at max height                              | kg | 2100   |
| Residual capacity without attachment (Industrial load chart) | kg | 2100   |



Siège Social  
430 rue de l'Aubinière - 44150 Ancenis Cedex - France  
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97  
[www.manitou.com](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

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

Get in touch today for sales enquiries or further information

CONTACT US



0800 30 30 90

[abequipment.co.nz](http://abequipment.co.nz)

