

Technical sheet :

# M-X 30-2

---



---

 **MANITOU**  
HANDLING YOUR WORLD

The image contains two technical drawings of a forklift. The left drawing is a top-down view showing the forklift's footprint. It includes dimensions for the overall width ( $b1$ ), the width of the mast ( $b3$ ), the width of the load carriage ( $b10$ ), the height of the load carriage ( $e$ ), the width of the rear section ( $b11$ ), and the width of the rear wheel ( $100$ ). The right drawing is a side view showing the forklift's profile. It includes dimensions for the overall height ( $h4$ ), the height of the mast ( $h7$ ), the height of the load carriage ( $h2$ ), the height of the rear wheel ( $h6$ ), the height of the front wheel ( $h10$ ), the height of the mast at the front ( $m2$ ), the horizontal distance from the front wheel to the mast ( $x$ ), the horizontal distance from the mast to the rear wheel ( $y$ ), the horizontal distance from the front wheel to the rear wheel ( $l2$ ), the horizontal distance from the front wheel to the mast ( $l$ ), and the horizontal distance from the front wheel to the rear wheel ( $l1$ ). The angle of the mast is labeled  $\alpha$  and the angle of the rear wheel is labeled  $\beta$ .

## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
$\alpha$ - Mast/fork carriage tilt, forward	°	6	6
$\beta$ - Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	mm	2785	3225
h2 - Mast free lift	mm	130	130
h4 - Mast extended height	mm	4815	5615
Residual capacity at max height	kg	3000	3000
Residual capacity with integrated side shift at max height	kg	3000	3000
Height at max capacity	mm	2500	2500

Free Lift Triplex (FLT)		FLT 43	FLT 50
$\alpha$ - Mast/fork carriage tilt, forward	°	6	6
$\beta$ - Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	mm	2525	2785
h2 - Mast free lift	mm	1533	1793
h4 - Mast extended height	mm	5332	6032
Residual capacity at max height	kg	3000	
Residual capacity with integrated side shift at max height	kg	2500	1500
Height at max capacity	mm	2500	2500

Full Visibility Triplex (FVT)		FVT 55
$\alpha$ - Mast/fork carriage tilt, forward	°	6
$\beta$ - Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	mm	3055
h4 - Mast extended height	mm	6725
Residual capacity at max height	kg	1500
Residual capacity with integrated side shift at max height	kg	1100
Height at max capacity	mm	2500



**Head Office**

B.P. 249 - 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 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