

Technical sheet :

# MSI 25 ST5



 **MANITOU**  
HANDLING YOUR WORLD



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
$\alpha$ - Mast/fork carriage tilt, forward	°	12	12	12	12
$\beta$ - Mast/fork carriage tilt, backward	°	10	10	10	10
h1 - Mast lowered height	mm	2136	2286	2546	2736
h2 - Mast free lift	mm	85	85	85	85
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3738	4038	4438	4738
Residual capacity at max height	kg	2500	2500	2500	2500
Residual capacity with hooked-on side shift at max height	kg	2500	2500	2500	2500
Height at max capacity	mm	3000	3300	3700	4000
Height at max capacity with hooked-on sideshift	mm	3000	3300	3700	4000

Free Lift Triplex (FLT)	FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
$\alpha$ - Mast/fork carriage tilt, forward	°	12	12	12	12	6	6
$\beta$ - Mast/fork carriage tilt, backward	°	10	10	10	10	6	6
h1 - Mast lowered height	mm	1936	2036	2136	2286	2386	2986
h2 - Mast free lift	mm	1183	1283	1383	1483	1633	2083
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	6000
h4 - Mast extended height	mm	4184	4484	4784	5116	5484	6916
Residual capacity at max height	kg	2500	2500	2500	2500	2500	2300
Residual capacity with hooked-on side shift at max height	kg	2500	2500	2500	2500	2500	2300
Height at max capacity	mm	3400	3700	4000	4300	4700	5200
Height at max capacity with hooked-on sideshift	mm	3400	3700	4000	4300	4700	5200

Full Visibility Triplex (FVT)	FVT 33
$\alpha$ - Mast/fork carriage tilt, forward	°
$\beta$ - Mast/fork carriage tilt, backward	°
h1 - Mast lowered height	mm
h2 - Mast free lift	mm
h3 - Mast lifting height	mm
h4 - Mast extended height	mm
Height at max capacity	mm



**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