

Technical sheet :

MSI 35 ST5



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Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward °	12	12	12	12	12
β - Mast/fork carriage tilt, backward °	10	10	10	10	10
h1 - Mast lowered height mm	2136	2286	2546	2736	2986
h2 - Mast free lift mm	90	90	90	90	90
h3 - Mast lifting height mm	3000	3300	3700	4000	4500
h4 - Mast extended height mm	3738	4038	4438	4738	5238
Residual capacity at max height kg	3500	3500	3500	3500	3500
Residual capacity with hooked-on side shift at max height kg	3500	3500	3500	3500	3500
Height at max capacity mm	3000	3300	3700	4000	4500
Height at max capacity with hooked-on sideshift mm	3000	3300	3700	4000	4500

Free Lift Triplex (FLT)	FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward °	12	12	12	12	12	6	6
β - Mast/fork carriage tilt, backward °	10	10	10	10	10	6	6
h1 - Mast lowered height mm	1936	2036	2136	2286	2386	2736	2986
h2 - Mast free lift mm	1208	1308	1408	1558	1658	2008	2258
h3 - Mast lifting height mm	3400	3700	4000	4300	4700	5500	6000
h4 - Mast extended height mm	4184	4484	4784	5084	5484	6284	6784
Residual capacity at max height kg	3500	3500	3500	2600	1800		
Residual capacity with hooked-on side shift at max height kg	3500	3500	3500	3200	1800		
Height at max capacity mm	3400	3700	4000	4000	3500	2500	2500
Height at max capacity with hooked-on sideshift mm	3400	3700	4000	4000	3500		



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



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