

Technical sheet :

MSI 35 ST5



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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 body ($b10$), the width of the front end ($b11$), the offset of the mast from the body center (e), and the overall length (As). A 100-unit offset is indicated on both sides. The right drawing is a side profile view showing the forklift's height and wheelbase. It includes dimensions for the mast height ($h4$), the height to the top of the mast ($h3$), the height to the top of the body ($h1$), the height to the top of the front wheel ($h2$), the height to the top of the rear wheel ($h6$), the height to the top of the body ($h10$), the wheelbase (l), the distance from the front wheel to the body center ($m1$), the distance from the rear wheel to the body center ($m2$), the distance from the front wheel to the rear wheel ($l2$), the offset of the mast from the body center (c), the offset of the mast from the front wheel (x), the offset of the mast from the rear wheel (y), and the offset of the mast from the body center (o). A 100-unit offset is indicated on the right side.

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward	°	12	12	12	12	12
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
Mast/fork carriage tilt, forward	°	12	12	12	12	12	6	6
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		



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