

Technical sheet :

M 50-2 D 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 (b_1), the width of the mast assembly (b_3), the width of the chassis (b_{10}), the width of the rear section (b_{11}), and the distance between the mast and the chassis (e). The overall length is labeled A_{st} . The drawing also shows the mast's reach and the distance from the rear axle to the mast (W_a). The right drawing is a side view of the forklift. It shows the height of the mast (h_4), the height of the chassis (h_7), the height of the rear section (h_6), the height of the rear axle (h_{10}), and the height of the front axle (m_2). The drawing also shows the horizontal distance from the rear axle to the mast (x) and the horizontal distance from the front axle to the mast (y). The overall length is labeled l_1 and the overall width is labeled l_2 . The drawing also shows the mast's reach and the distance from the rear axle to the mast (W_a).

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
α - Mast/fork carriage tilt, forward	°	15	15	15	15	15	10
β - Mast/fork carriage tilt, backward	°	15	15	15	15	15	15
h1 - Mast lowered height	mm	2625	2725	2825	2975	3225	3475
h3 - Mast lifting height	mm	3300	3700	3700	4000	4500	5000
Residual capacity at max height	kg	5000	5000	5000	5000	4750	3500
Residual capacity with hooked-on side shift at max height	kg	4700	4700	4700	4700	4400	
Height at max capacity	mm	3300	3500	3700	4000	4000	4000
Height at max capacity with hooked-on sideshift	mm	3300	3500	3700	4000	4000	

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	°	15	15	15	10	10	10
β - Mast/fork carriage tilt, backward	°	15	15	15	15	15	15
h1 - Mast lowered height	mm	2425	2500	2560	2675	2825	3000
h2 - Mast free lift	mm	1455	1530	1590	1705	1855	2030
h3 - Mast lifting height	mm	4300	4500	4700	5000	5500	6000
Residual capacity at max height	kg		4500	3500	2000	2000	
Residual capacity with hooked-on side shift at max height	kg	4400			3000	1600	250
Height at max capacity	mm	2500	4000	4000	3700	5500	2500
Height at max capacity with hooked-on sideshift	mm	3500			3700	3700	3200



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