

Technical sheet :

M-X 30-2



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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 (W_a), the width of the mast (100), and various height and width parameters ($b1, b3, b10, e, b11$). A curved line indicates the turning radius, with A_{st} representing the distance from the center of rotation to the rear axle. The right drawing is a side view of the forklift, showing its profile. It includes dimensions for the overall height ($h4, h6$), the height of the mast ($h7$), the height of the wheels ($h2, h10$), the wheelbase ($l2$), and the overall length ($l1$). The distance from the front wheel to the mast is labeled x , and the distance from the mast to the rear wheel is labeled y . The mast is shown at an angle, with α and β indicating the angles of the mast and the counterweight respectively.

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
α - Mast/fork carriage tilt, forward	°	6	6
β - 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
α - Mast/fork carriage tilt, forward	°	6	6
β - 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
α - Mast/fork carriage tilt, forward	°	6
β - 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



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