

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 and dimensions:  $A_{st}$  (overall width),  $b_1$ ,  $b_3$ ,  $b_{10}$ ,  $e$ ,  $100$  (fork length),  $b_{11}$ ,  $W_a$  (wheelbase), and  $100$  (rear wheel offset). The right drawing is a side view showing the forklift's profile and dimensions:  $h_4$  (fork height),  $h_7$  (mast height),  $h_2$  (fork tip height),  $h_6$  (cab height),  $h_{10}$  (rear wheel height),  $m_2$  (ground clearance),  $\alpha$  and  $\beta$  (mast tilt angles),  $x$  and  $y$  (horizontal distances),  $l$  and  $l_2$  (horizontal dimensions), and  $l_1$  (total length).

## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 37	FVD 45
$\alpha$ - Mast/fork carriage tilt, forward	°	6	6
$\beta$ - 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
$\alpha$ - Mast/fork carriage tilt, forward	°	6	6
$\beta$ - 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
$\alpha$ - Mast/fork carriage tilt, forward	°	6
$\beta$ - 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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