

Technical sheet :

# MC-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 layout of the mast, carriage, and forks. Dimensions include  $b1$  (total width),  $b3$  (mast width),  $b10$  (carriage width),  $e$  (fork offset),  $b11$  (fork tip width), and  $Wa$  (fork angle). A 100-unit offset is shown from the side walls. The right drawing is a side profile view showing the vertical dimensions:  $h1$  (total height),  $h2$  (fork height),  $h3$  (mast height),  $h4$  (load height),  $h6$  (operator height),  $h7$  (ground clearance), and  $h10$  (rear wheel height). Horizontal dimensions include  $l$  (mast length),  $l1$  (total length),  $l2$  (wheelbase),  $m1$  (mast offset),  $m2$  (operator offset),  $s$  (fork offset),  $x$  (operator seat offset), and  $y$  (rear wheel offset).

# Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 45
Mast/fork carriage tilt, forward	°	10
Mast/fork carriage tilt, backward	°	12
h1 - Mast lowered height	mm	3038
h2 - Mast free lift	mm	117
h3 - Mast lifting height	mm	4500
h4 - Mast extended height	mm	5290
Height at max capacity	mm	2500

Free Lift Triplex (FLT)	FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55
Mast/fork carriage tilt, forward	10	10	10	10	10	6
Mast/fork carriage tilt, backward	12	12	12	12	12	6
h1 - Mast lowered height	1988	1988	2188	2338	2438	2788
h2 - Mast free lift	1235	1335	1435	1585	1685	2035
h3 - Mast lifting height	3400	3700	4000	4300	4700	5500
h4 - Mast extended height	4236	4536	4836	5136	5536	6336
Residual capacity at max height	1580					
Height at max capacity	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)	FVD 33	FVD 37	FVT 33
Mast/fork carriage tilt, forward	10	10	10
Mast/fork carriage tilt, backward	12	12	12
h1 - Mast lowered height	2338	2598	1878
h2 - Mast free lift	117	117	129
h3 - Mast lifting height	3300	3700	3300
h4 - Mast extended height	4090	4490	4079
Height at max capacity	2500	2500	2500



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