

Technical sheet :

M 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 length), $b1$, $b3$, $b10$, e , 100 (fork length), $b11$ (rear width), and W_a (clearance width). The right drawing is a side view showing the forklift's profile and dimensions: α and β (fork angles), $h4$ (fork height), $h7$ (mast height), $h2$ (fork tip height), $m2$ (wheel offset), $h6$ (overall height), $h10$ (ground clearance), x (wheelbase), y (rear overhang), l (front overhang), $l2$ (wheelbase), and $l1$ (overall length). A 100 unit scale bar is shown at the bottom right of the side view.

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50	FVD 55
Mast/fork carriage tilt, forward	°	6	6	6	6	6	6	6	6
Mast/fork carriage tilt, backward	°	12	12	12	12	12	12	12	12
h1 - Mast lowered height	in (mm)	93.5 (2375)	99.4 (2525)	103.3 (2625)	109.6 (2785)	117.1 (2975)	127 (3225)	136.8 (3475)	146.7 (3725)
h2 - Mast free lift	in (mm)	12.2 (310)	12.2 (310)	12.2 (310)	12.2 (310)	12.2 (310)	12.2 (310)	12.2 (310)	12.2 (310)
h4 - Mast extended height	in (mm)	162 (4115)	173.8 (4415)	181.7 (4615)	189.6 (4815)	201.4 (5115)	221.1 (5615)	240.7 (6115)	260.4 (6615)
Residual capacity at max height	lb (kg)	6614 (3000)	6614 (3000)	6614 (3000)	6614 (3000)	6614 (3000)	6393 (2900)		
Residual capacity with integrated side shift at max height	lb (kg)	6614 (3000)	6614 (3000)	6614 (3000)	6614 (3000)	6614 (3000)			
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)

Free Lift Triplex (FLT)		FLT 37	FLT 40	FLT 43	FLT 47	FLT 50	FLT 55	FLT 60	FLT 65	FLT 70
Mast/fork carriage tilt, forward	°	6	6	6	6	6	6	6	6	6
Mast/fork carriage tilt, backward	°	12	12	12	12	12	12	12	12	12
h1 - Mast lowered height	in (mm)	89.6 (2275)	93.5 (2375)	99.4 (2525)	103.3 (2625)	109.6 (2785)	117.1 (2975)	127 (3225)	136.8 (3475)	146.7 (3725)
h2 - Mast free lift	in (mm)	50.5 (1283)	54.4 (1382)	60.4 (1533)	64.3 (1633)	70.6 (1793)	78.1 (1983)	87.9 (2233)	97.8 (2483)	107.6 (2733)
h4 - Mast extended height	in (mm)	186.3 (4732)	198.1 (5032)	209.9 (5332)	225.7 (5732)	237.5 (6032)	257.2 (6532)	276.9 (7032)	296.5 (7532)	316.2 (8032)
Residual capacity at max height	lb (kg)	661 (300)	6614 (3000)	6614 (3000)	6173 (2800)	5732 (2600)	4409 (2000)	3968 (1800)	2976 (1350)	2205 (1000)
Residual capacity with integrated side shift at max height	lb (kg)	6614 (3000)	6614 (3000)							
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)	98.4 (2500)

Full Visibility Triplex (FVT)		FVT 55	FVT 67
Mast/fork carriage tilt, forward	°	6	6
Mast/fork carriage tilt, backward	°	12	12
h1 - Mast lowered height	in (mm)	120.3 (3055)	136 (3455)
h4 - Mast extended height	in (mm)	264.8 (6725)	312 (7925)
Residual capacity at max height	lb (kg)	2756 (1250)	
Height at max capacity	in (mm)	98.4 (2500)	98.4 (2500)



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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