

Technical sheet :

ME 320 LIFT



The top view (left) shows the forklift from above, with dimensions: $b1 / b3$ (total width), $b10$ (fork width), e (fork offset), Wa (wheelbase), $b11$ (rear width), and 100 (corner radius). The side view (right) shows the forklift from the side, with dimensions: $h4$ (total height), $h3$ (height to mast), $h1$ (height to seat), $h6$ (height to top of mast), $h7$ (height to top of seat), $h10$ (height to bottom of mast), $h2$ (height to bottom of fork), s (fork offset), $m1$ (mast height), x (mast offset), $m2$ (seat height), y (seat offset), l (wheelbase), $l1$ (total length), and $l2$ (length to seat).

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward	°	7	7	7	7
β - Mast/fork carriage tilt, backward	°	6	6	6	6
h1 - Mast lowered height	mm	1988	2138	2588	2838
h2 - Mast free lift	mm	140	140	140	140
h3 - Mast lifting height	mm	3000	3300	4000	4500
h4 - Mast extended height	mm	3560	3860	4560	5060
Residual capacity at max height	kg	2000	2000	2000	1900
Residual capacity with integrated side shift at max height	kg	1950	1950	1950	1850

Free Lift Triplex (FLT)		FLT 40	FLT 45	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward	°	3.50	3.50	3.50	3.50	3.50	3.50	3.50
β - Mast/fork carriage tilt, backward	°	5	5	5	5	5	5	5
h1 - Mast lowered height	mm	1888	2038	2138	2213	2388	2588	2788
h2 - Mast free lift	mm	1292	1392	1492	1592	1792	1992	2192
h3 - Mast lifting height	mm	4000	4500	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	4552	5052	5352	5552	6052	6552	7052
Residual capacity at max height	kg	2000	1800	1700	1600	1500	1300	1100
Residual capacity with integrated side shift at max height	kg	1950	1750	1650	1550	1450	1250	1050



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