

Technical sheet :

ME 430 LIFT



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The image contains two technical drawings of a forklift, labeled 'a' and 'b'. Drawing 'a' is a top view showing the forklift's footprint. It includes dimensions for the fork length (b_1 / b_3), fork width (b_{10}), the distance from the fork base to the mast (e), the mast width (b_{11}), and the overall width of the chassis (A_{st}). A 100-unit dimension is also shown on the left side. Drawing 'b' is a side view showing the forklift's profile. It includes dimensions for the mast height (h_4), the height from the ground to the top of the mast (h_3), the height from the ground to the top of the chassis (h_1), the height from the ground to the top of the operator's seat (h_6), the height from the ground to the top of the chassis (h_7), the height from the ground to the top of the chassis (h_{10}), the height from the ground to the top of the chassis (h_2), the height from the ground to the top of the chassis (s), the height from the ground to the top of the chassis (m_1), the height from the ground to the top of the chassis (x), the height from the ground to the top of the chassis (m_2), the height from the ground to the top of the chassis (y), the height from the ground to the top of the chassis (l), the height from the ground to the top of the chassis (l_1), and the height from the ground to the top of the chassis (l_2). The drawings are labeled 'a' and 'b' in the top right corner.

Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward	°	6	6	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12	12	6
h1 - Mast lowered height	mm	2007	2157	2407	2607	2857
h2 - Mast free lift	mm	140	140	140	140	140
h3 - Mast lifting height	mm	3000	3300	3700	4000	4500
h4 - Mast extended height	mm	4046	4346	4746	5046	5546
Residual capacity at max height	kg	3000	3000	3000	3000	3000
Residual capacity with integrated side shift at max height	kg	2900	2900	2900	2900	2900

Free Lift Triplex (FLT)		FLT 40	FLT 45	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward	°	6	6	6	6	3	3	3
β - Mast/fork carriage tilt, backward	°	6	6	6	6	6	6	6
h1 - Mast lowered height	mm	2007	2157	2307	2407	2607	2857	3057
h2 - Mast free lift	mm	904	1054	1154	1254	1404	1604	1804
h3 - Mast lifting height	mm	4000	4500	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	5046	5546	5846	6046	6546	7046	7546
Residual capacity at max height	kg	3000	3000	2900	2850	2670	2350	2000
Residual capacity with integrated side shift at max height	kg	2900	2900	2800	2750	2570	2250	1900



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