

Technical sheet :

ME 320 LIFT



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The top view (left) shows the forklift's footprint 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's profile with dimensions: $h4$ (total height), $h3$ (mast height), $h1$ (operator height), $h6$ (rear height), $h7$ (wheel height), $h10$ (fork height), $h2$ (fork tip height), s (fork offset), $m1$ (mast height), x (mast offset), $m2$ (wheel height), y (wheel offset), l (wheelbase), $l1$ (total length), and $l2$ (operator length). The angle α is shown at the mast tip, and β is shown at the operator's eye level.

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

Equipment

Standard
Audio warning on reverse movements
Battery - 35,3kWh - 76,8V - 460Ah - Lithium-ion
Charger - 10kW- 32A - 380V - Lithium-ion - Three-phase
Electric parking brake
LED front right and left working lights (x2)
Load backrest - width : 1200 mm - LB 1200
Overhead guard with glass roof
PVC mechanical suspension seat
Panoramic inner rear view mirror
Rear working light

Optional
2 additional front working lights
3 way distributor with levers in line
4 way distributor with levers in line
Battery - 47kWh - 76.8V - 608Ah - Lithium
Charger - 20kW - 32A - 380V - Lithium-ion
Charger - 8kW - 32A - 380V - Lithium-ion
Closed cab
Hydraulic kit 3rd and 4th element
Mini levers
Open cab



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