

Technical sheet :

ME 318 FOB



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The image contains two technical drawings of a forklift, labeled 'Ast'.

Top View (Left): Shows the forklift from above. Dimensions include:

- $b1 / b3$: Overall width at the top.
- $b10$: Width of the fork arms.
- $h10$: Height of the fork arms.
- e : Distance between the fork arms.
- $b11$: Width of the rear section.
- $b13$: Width of the rear section at the bottom.
- Wa : Angle of the rear section.
- 100 : Distance from the forklift to the left edge.

Side View (Right): Shows the forklift from the side. Dimensions include:

- $h4$: Total height.
- $h3$: Height to the top of the mast.
- $h1$: Height to the top of the operator's seat.
- $h6$: Height to the top of the rear section.
- $h7$: Height to the top of the rear section at the back.
- $h10$: Height of the rear section at the back.
- $h2$: Height of the mast.
- s : Distance from the mast to the rear section.
- $m1$: Distance from the mast to the rear section at the back.
- $m2$: Distance from the mast to the rear section at the back.
- x : Distance from the mast to the rear section at the back.
- y : Distance from the mast to the rear section at the back.
- l : Length of the mast.
- $l1$: Length of the rear section.
- $l2$: Length of the rear section at the back.
- a : Angle of the mast.
- β : Angle of the rear section.

Full Visibility Duplex (FVD)		FVD 27	FVD 30	FVD 33	FVD 36	FVD 40	FVD 43	FVD 45
Mast/fork carriage tilt, forward	°	5.50	5.50	5.50	5.50	3.50	3.50	3.50
Mast/fork carriage tilt, backward	°	6	6	6	6	5	5	5
h1 - Mast lowered height	mm	1845	1995	2145	2295	2545	2710	2820
h2 - Mast free lift	mm	145	145	145	145	145	145	145
h3 - Mast lifting height	mm	2700	3000	3300	3600	4000	4300	4500
h4 - Mast extended height	mm	3265	3565	3865	4165	4565	4865	5065
Residual capacity at max height	kg	1800	1800	1800	1800	1800	1700	1700
Residual capacity with integrated side shift at max height	kg	1800	1800	1800	1800	1800	1700	1700
Residual capacity with hooked-on side shift at max height	kg	1800	1800	1800	1700	1650	1600	1550
Height at max capacity	mm	2700	3000	3300	3600	4000	4000	4000
Height at max capacity with integrated sideshift	mm	2700	3000	3300	3600	4000	4000	4000

Free Lift Duplex (FLD)		FLD 27	FLD 30	FLD 33	FLD 36	FLD 40
Mast/fork carriage tilt, forward	°	5.50	5.50	5.50	5.50	3.50
Mast/fork carriage tilt, backward	°	6	6	6	6	5
h1 - Mast lowered height	mm	1845	1995	2145	2295	2545
h2 - Mast free lift	mm	1260	1410	1560	1710	1960
h3 - Mast lifting height	mm	2700	3000	3300	3600	4000
h4 - Mast extended height	mm	3295	3595	3895	4195	4595
Residual capacity at max height	kg	1800	1800	1800	1800	1750
Residual capacity with integrated side shift at max height	kg	1800	1800	1800	1800	1750
Residual capacity with hooked-on side shift at max height	kg	1800	1800	1800	1700	1650
Height at max capacity	mm	2700	3000	3300	3600	4000
Height at max capacity with integrated sideshift	mm	2700	3000	3300	3600	4000

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