

Technical sheet :

# ME 430 FOB

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## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 43	FVD 45	FVD 48	FVD 50
α - Mast/fork carriage tilt, forward	°	5	5	5	5	5	5	5	5	5
β - Mast/fork carriage tilt, backward	°	8	8	8	8	8	5	5	5	5
h1 - Mast lowered height	mm	2235	2385	2485	285	2835	2985	3085	3235	3335
h2 - Mast free lift	mm	145	145	145	145	145	145	145	145	145
h3 - Mast lifting height	mm	3000	3300	3500	3700	4000	4300	4500	4800	5000
h4 - Mast extended height	mm	3838	4138	4338	4538	4838	5138	5338	5638	5838
Residual capacity at max height	kg	3000	3000	3000	3000	3000	3000	3000	3000	3000
Residual capacity with integrated side shift at max height	kg	3000	3000	3000	3000	3000	3000	3000	3000	3000
Residual capacity with hooked-on side shift at max height	kg	3000	3000	3000	3000	3000	3000	2950	2900	2800
Height at max capacity	mm	3000	3300	3500	3700	4000	4300	4500	4800	5000
Height at max capacity with integrated sideshift	mm	3000	3300	3500	3700	4000	4300	4500	4800	5000

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 37	FLD 40
α - Mast/fork carriage tilt, forward	°	5	5	5	5
β - Mast/fork carriage tilt, backward	°	8	8	8	8
h1 - Mast lowered height	mm	2135	2285	2485	2685
h2 - Mast free lift	mm	1275	1425	1625	1825
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3860	4160	4560	4860
Residual capacity at max height	kg	3000	3000	3000	3000
Residual capacity with integrated side shift at max height	kg	3000	3000	3000	3000
Residual capacity with hooked-on side shift at max height	kg	3000	3000	3000	3000
Height at max capacity	mm	3000	3300	3700	4000
Height at max capacity with integrated sideshift	mm	3000	3300	3700	4000

Free Lift Triplex (FLT)		FLT 40	FLT 43	FLT 48	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	°	5	5	5	5	5	5
β - Mast/fork carriage tilt, backward	°	5	5	5	5	5	5
h1 - Mast lowered height	mm	2035	2135	2285	2385	2585	2835
h2 - Mast free lift	mm	1250	1350	1500	1600	1800	2050
h3 - Mast lifting height	mm	4000	4300	4800	5000	5500	6000
h4 - Mast extended height	mm	4785	5085	5585	5785	6285	6785
Residual capacity at max height	kg	3000	3000	3000	3000	2900	2700
Residual capacity with integrated side shift at max height	kg	3000	3000	3000	2900	2800	2650
Residual capacity with hooked-on side shift at max height	kg	2900	2900	2850	2750	2550	2450
Height at max capacity	mm	4000	4300	4800	5000	4000	4000
Height at max capacity with integrated sideshift	mm	4000	4300	4800	4000	4000	4000



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