

Technical sheet :

# ME 425



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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	2085	2235	2335	2485	2685	2835	2935	3085	3185
h2 - Mast free lift	mm	140	140	140	140	140	140	140	140	140
h3 - Mast lifting height	mm	3000	3300	3500	3700	4000	4300	4500	4800	5000
h4 - Mast extended height	mm	3643	3943	4143	4243	4643	4943	5143	5443	5643
Residual capacity at max height	kg	2500	2500	2500	2500	2500	2500	2500	2500	2500
Residual capacity with integrated side shift at max height	kg	2500	2500	2500	2500	2500	2500	2500	2500	2500
Residual capacity with hooked-on side shift at max height	kg	2500	2500	2500	2500	2500	2500	2500	2500	2500
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	2035	2185	2385	2585
h2 - Mast free lift	mm	1370	1520	1720	1920
h3 - Mast lifting height	mm	3000	3300	3700	4000
h4 - Mast extended height	mm	3665	3965	4365	4665
Residual capacity at max height	kg	2500	2500	2500	2500
Residual capacity with integrated side shift at max height	kg	2500	2500	2500	2500
Residual capacity with hooked-on side shift at max height	kg	2500	2500	2500	2500
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	1370	1470	1620	1720	1920	2170
h3 - Mast lifting height	mm	4000	4300	4800	5000	5500	6000
h4 - Mast extended height	mm	4665	4965	5465	5665	6165	6665
Residual capacity at max height	kg	2500	2500	2500	2500	2500	2500
Residual capacity with integrated side shift at max height	kg	2500	2500	2500	2500	2500	2500
Residual capacity with hooked-on side shift at max height	kg	2500	2500	2500	2500	2450	2400
Height at max capacity	mm	4000	4300	4800	5000	5500	6000
Height at max capacity with integrated sideshift	mm	4000	4300	4800	5000	5500	6000

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