

Technical sheet :

ME 440



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Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 40	FVD 43	FVD 45	FVD 48	FVD 50
Mast/fork carriage tilt, forward	°	6	6	6	6	6	6	6	6
Mast/fork carriage tilt, backward	°	12	12	12	12	6	6	6	6
h1 - Mast lowered height	mm	2185	2335	2435	2735	2900	3010	3175	3285
h2 - Mast free lift	mm	150	150	150	150	150	150	150	150
h3 - Mast lifting height	mm	3000	3300	3500	4000	4300	4500	4800	5000
h4 - Mast extended height	mm	3770	4070	4270	4770	5070	5270	5570	5770
Residual capacity at max height	kg	4000	4000	4000	4000	4000	4000	4000	4000
Residual capacity with integrated side shift at max heigh	kg	4000	4000	4000	4000	4000	4000	4000	4000
Residual capacity with hooked-on side shift at max height	kg	3800	3800	3800	3800	3800	3800	3800	3800
Height at max capacity	mm	3000	3300	3500	4000	4300	4500	4800	5000
Height at max capacity with integrated sideshift	mm	3000	3300	3500	4000	4300	4500	4800	5000

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 40
Mast/fork carriage tilt, forward	°	6	6	6
Mast/fork carriage tilt, backward	°	12	12	12
h1 - Mast lowered height	mm	2166	2316	2666
h2 - Mast free lift	mm	1365	1515	1865
h3 - Mast lifting height	mm	3000	3300	4000
h4 - Mast extended height	mm	3805	4105	4805
Residual capacity at max height	kg	4000	4000	4000
Residual capacity with integrated side shift at max height	kg	4000	4000	4000
Residual capacity with hooked-on side shift at max height	kg	3800	3800	3800
Height at max capacity	mm	3000	3300	4000
Height at max capacity with integrated sideshift	mm	3000	3300	4000

Free Lift Triplex (FLT)		FLT 43	FLT 48	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward	°	6	6	6	3	3
Mast/fork carriage tilt, backward	°	12	6	6	6	6
h1 - Mast lowered height	mm	2120	2280	2350	2515	2730
h2 - Mast free lift	mm	1218	1478	1548	1710	1928
h3 - Mast lifting height	mm	4000	4800	5000	5500	6000
h4 - Mast extended height	mm	4805	5605	5805	6305	6805
Residual capacity at max height	kg	4000	4000	3800	3700	3600
Residual capacity with integrated side shift at max height	kg	4000	3900	3700	3600	3500
Residual capacity with hooked-on side shift at max height	kg	3800	3800	3700	3500	3400
Height at max capacity	mm	2500	2500	2500	2500	2500



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