

Technical sheet :

MI 70 D ST5



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)	FVD 30	FVD 33	FVD 36	FVD 40	FVD 45	FVD 50
α - Mast/fork carriage tilt, forward	°	6	6	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12	12	6
h1 - Mast lowered height	mm	2500	2650	2800	3000	3300
h2 - Mast free lift	mm	160	160	160	160	160
h3 - Mast lifting height	mm	3000	3300	3600	4000	4500
h4 - Mast extended height	mm	4167	4467	4767	5167	5667
Residual capacity at max height	kg	7000	7000	7000	7000	7000
Residual capacity with hooked-on side shift at max height	kg	6500	6500	6500	6500	6500
Height at max capacity	mm	3000	3300	3600	4000	4500
Height at max capacity with hooked-on sideshift	mm	3000	3300	3600	4000	4500

Free Lift Duplex (FLD)	FLD 30	FLD 33	FLD 36	FLD 40
α - Mast/fork carriage tilt, forward	°	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12
h1 - Mast lowered height	mm	2450	2600	2750
h2 - Mast free lift	mm	1335	1485	1635
h3 - Mast lifting height	mm	3000	3300	3600
h4 - Mast extended height	mm	4115	4415	4715
Residual capacity at max height	kg	7000	7000	7000
Residual capacity with hooked-on side shift at max height	kg	6500	6500	6500
Height at max capacity	mm	3000	3300	3600
Height at max capacity with hooked-on sideshift	mm	3000	3300	3600

Free Lift Triplex (FLT)	FLT 45	FLT 48	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	°	6	6	6	3
β - Mast/fork carriage tilt, backward	°	6	6	6	6
h1 - Mast lowered height	mm	2725	2825	2875	3075
h2 - Mast free lift	mm	1500	1600	1672	1800
h3 - Mast lifting height	mm	4500	4800	5000	5500
h4 - Mast extended height	mm	5735	6035	6213	6785
Residual capacity at max height	kg	6400	6300	6300	6100
Residual capacity with hooked-on side shift at max height	kg	5900	5800	5800	5600
Height at max capacity	mm	4000	4000	4000	4000
Height at max capacity with hooked-on sideshift	mm	4000	4000	4000	4000



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