

Technical sheet :

# **MI-X 40 D 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 45	FVD 50
α - Mast/fork carriage tilt, forward	°	6	6	6	6	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12	12	12	6	6
h1 - Mast lowered height	mm	2245	2395	2495	2595	2795	3070	3345
h2 - Mast free lift	mm	160	160	160	160	160	160	160
h3 - Mast lifting height	mm	3000	3300	3500	3700	4000	4500	5000
h4 - Mast extended height	mm	4170	4470	4670	4870	5170	5670	6170
Residual capacity at max height	kg	4000	4000	4000	4000	4000	3700	3200
Residual capacity with integrated side shift at max height	kg	4000	4000	4000	4000	4000	3600	3100
Height at max capacity	mm	3000	3300	3500	3700	4000	4000	4000
Height at max capacity with integrated sideshift	mm	3000	3300	3500	3700	4000	4000	4000

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 35	FLD 37
α - Mast/fork carriage tilt, forward	°	6	6	6	6
β - Mast/fork carriage tilt, backward	°	12	12	12	12
h1 - Mast lowered height	mm	2226	2376	2476	2576
h2 - Mast free lift	mm	1364	1514	1614	1714
h3 - Mast lifting height	mm	3000	3300	3500	3700
h4 - Mast extended height	mm	4170	4470	4670	4870
Residual capacity at max height	kg	4000	4000	4000	4000
Residual capacity with integrated side shift at max height	kg	4000	4000	4000	4000
Height at max capacity	mm	3000	3300	3500	3700
Height at max capacity with integrated sideshift	mm	3000	3300	3500	3700

Free Lift Triplex (FLT)		FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
α - Mast/fork carriage tilt, forward	°	6	6	6	6	6	3	3
β - Mast/fork carriage tilt, backward	°	12	6	6	6	6	6	6
h1 - Mast lowered height	mm	2080	2180	2248	2310	2410	2575	2790
h2 - Mast free lift	mm	1229	1329	1395	1459	1559	1724	1939
h3 - Mast lifting height	mm	4000	4300	4500	4700	5000	5500	6000
h4 - Mast extended height	mm	5170	5470	5685	5870	6170	6670	7180
Residual capacity at max height	kg	4000	3900	3500	3300	3100	2800	2300
Residual capacity with integrated side shift at max height	kg	3900	3800	3400	3200	3000	2700	2200
Height at max capacity	mm	4000	2500	4000	4000	4000	2500	2500



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