

Technical sheet :

MI 35 D ST5



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Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 33 | FVD 37 | FVD 40 |
|--|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2315 | 2565 | 2715 |
| h2 - Mast free lift | mm | 145 | 145 | 145 |
| h3 - Mast lifting height | mm | 3300 | 3700 | 4000 |
| h4 - Mast extended height | mm | 4115 | 4515 | 4815 |
| Residual capacity at max height | kg | 3500 | 3500 | 3500 |
| Residual capacity with integrated side shift at max height | kg | 3500 | 3500 | 3500 |
| Height at max capacity | mm | 3300 | 3700 | 4000 |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 |

| Free Lift Duplex (FLD) | | FLD 33 | FLD 37 | 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 | 2330 | 2530 | 2680 |
| h2 - Mast free lift | mm | 1500 | 1700 | 1850 |
| h3 - Mast lifting height | mm | 3300 | 3700 | 4000 |
| h4 - Mast extended height | mm | 4130 | 4530 | 4830 |
| Residual capacity at max height | kg | 3500 | 3500 | 3500 |
| Residual capacity with integrated side shift at max height | kg | 3500 | 3500 | 3500 |
| Height at max capacity | mm | 3300 | 3700 | 4000 |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 |

| Free Lift Triplex (FLT) | | FLT 43 | FLT 45 | FLT 47 | FLT 48 | FLT 50 | FLT 55 | FLT 60 | FLT 65 |
|--|----|--------|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 3 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| h1 - Mast lowered height | mm | 2215 | 2265 | 2315 | 2365 | 2415 | 2565 | 2815 | 2965 |
| h2 - Mast free lift | mm | 1385 | 1435 | 1485 | 1535 | 1585 | 1735 | 1985 | 2135 |
| h3 - Mast lifting height | mm | 4300 | 4500 | 4700 | 4800 | 5000 | 5500 | 6000 | 6500 |
| h4 - Mast extended height | mm | 5130 | 5380 | 5530 | 5630 | 5830 | 6330 | 6880 | 7330 |
| Residual capacity at max height | kg | 3450 | 3400 | 3300 | 3300 | 3000 | 2200 | 1600 | 1500 |
| Residual capacity with integrated side shift at max height | kg | 3450 | 3300 | 3200 | 3200 | 2900 | 2100 | 1500 | 1400 |
| Height at max capacity | mm | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Height at max capacity with integrated sideshift | mm | 4000 | 4000 | 4000 | 4000 | 4000 | 3700 | 3700 | 3700 |



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