

Technical sheet :

ME 420 FOB



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HANDLING YOUR WORLD

Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 27 | FVD 30 | FVD 33 | FVD 36 | FVD 40 | FVD 43 | FVD 45 |
|--|----|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 10 | 10 | 10 | 10 | 6 | 6 |
| h1 - Mast lowered height | mm | 1855 | 2005 | 2170 | 2305 | 2555 | 2730 | 2830 |
| h2 - Mast free lift | mm | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| h3 - Mast lifting height | mm | 2700 | 3000 | 3300 | 3600 | 4000 | 4300 | 4500 |
| h4 - Mast extended height | mm | 3350 | 3650 | 3980 | 4250 | 4650 | 4970 | 5150 |
| Residual capacity at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| Residual capacity with integrated side shift at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| Residual capacity with hooked-on side shift at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 | 1950 | 1900 |
| Height at max capacity | mm | 2700 | 3000 | 3300 | 3600 | 4000 | 4300 | 4500 |
| Height at max capacity with integrated sideshift | mm | 2700 | 3000 | 3300 | 3600 | 4000 | 4300 | 4500 |

| Free Lift Duplex (FLD) | | FLD 27 | FLD 30 | FLD 33 | FLD 36 | FLD 40 |
|--|----|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 5 | 5 | 5 | 5 | 5 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 10 | 10 | 10 | 10 |
| h1 - Mast lowered height | mm | 1866 | 1980 | 2130 | 2280 | 2530 |
| h2 - Mast free lift | mm | 1250 | 1350 | 1500 | 1650 | 1900 |
| h3 - Mast lifting height | mm | 2700 | 3000 | 3300 | 3600 | 4000 |
| h4 - Mast extended height | mm | 3370 | 3635 | 3970 | 4270 | 4635 |
| Residual capacity at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 |
| Residual capacity with integrated side shift at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 |
| Residual capacity with hooked-on side shift at max height | kg | 2000 | 2000 | 2000 | 2000 | 2000 |
| Height at max capacity | mm | 2700 | 3000 | 3300 | 3600 | 4000 |
| Height at max capacity with integrated sideshift | mm | 2700 | 3000 | 3300 | 3600 | 4000 |

| Free Lift Triplex (FLT) | | FLT 40 | FLT 43 | FLT 45 | FLT 48 | FLT 50 | FLT 55 | FLT 60 | FLT 65 |
|--|----|--------|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 5 | 5 | 5 | 5 | 5 | 3 | 3 | 3 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| h1 - Mast lowered height | mm | 1925 | 2025 | 2095 | 2195 | 2260 | 2425 | 2645 | 2820 |
| h2 - Mast free lift | mm | 1255 | 1355 | 1425 | 1525 | 1590 | 1755 | 1975 | 2150 |
| h3 - Mast lifting height | mm | 4000 | 4300 | 4500 | 4800 | 5000 | 5500 | 6000 | 6500 |
| h4 - Mast extended height | mm | 4680 | 4980 | 5230 | 5480 | 5680 | 5180 | 6690 | 7180 |
| Residual capacity at max height | kg | 2000 | 2000 | 2000 | 1950 | 1850 | 1800 | 1650 | 1550 |
| Residual capacity with integrated side shift at max height | kg | 2000 | 2000 | 1950 | 1900 | 1800 | 1750 | 1600 | 1500 |
| Residual capacity with hooked-on side shift at max height | kg | 1900 | 1900 | 1850 | 1800 | 1700 | 1650 | 1500 | 1400 |
| Height at max capacity | mm | 4000 | 4300 | 4500 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Height at max capacity with integrated sideshift | mm | 4000 | 4300 | 4500 | 4000 | 4000 | 4000 | 4000 | 4000 |



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