

Technical sheet :

ME 316 FOB



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 | ° | 5.50 | 5.50 | 5.50 | 5.50 | 3.50 | 3.50 | 3.50 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 6 | 6 | 6 | 5 | 5 | 5 |
| h1 - Mast lowered height | mm | 1845 | 1995 | 2145 | 2295 | 2545 | 2710 | 2820 |
| h2 - Mast free lift | mm | 145 | 145 | 145 | 145 | 145 | 145 | 145 |
| h3 - Mast lifting height | mm | 2700 | 3000 | 3300 | 3600 | 4000 | 4300 | 4500 |
| h4 - Mast extended height | mm | 3265 | 3565 | 3865 | 4165 | 4565 | 4865 | 5065 |
| Residual capacity at max height | kg | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1500 |
| Residual capacity with integrated side shift at max height | kg | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1500 |
| Residual capacity with hooked-on side shift at max height | kg | 1600 | 1600 | 1600 | 1600 | 1550 | 1500 | 1400 |
| 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 | ° | 5.50 | 5.50 | 5.50 | 5.50 | 3.50 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 6 | 6 | 6 | 5 |
| h1 - Mast lowered height | mm | 1845 | 1995 | 2145 | 2295 | 2545 |
| h2 - Mast free lift | mm | 1260 | 1410 | 1560 | 1710 | 1960 |
| h3 - Mast lifting height | mm | 2700 | 3000 | 3300 | 3600 | 4000 |
| h4 - Mast extended height | mm | 3295 | 3595 | 3895 | 4195 | 4595 |
| Residual capacity at max height | kg | 1600 | 1600 | 1600 | 1600 | 1600 |
| Residual capacity with integrated side shift at max height | kg | 1600 | 1600 | 1600 | 1600 | 1600 |
| Residual capacity with hooked-on side shift at max height | kg | 1600 | 1600 | 1600 | 1600 | 1550 |
| 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 | ° | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
| β - Mast/fork carriage tilt, backward | ° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| h1 - Mast lowered height | mm | 1910 | 2010 | 2075 | 2175 | 2240 | 2410 | 2625 | 2840 |
| h2 - Mast free lift | mm | 1325 | 1425 | 1490 | 1590 | 1655 | 1825 | 2010 | 2010 |
| h3 - Mast lifting height | mm | 4000 | 4300 | 4500 | 4800 | 5000 | 5500 | 6000 | 6500 |
| h4 - Mast extended height | mm | 4595 | 4895 | 5095 | 5395 | 5595 | 6095 | 6625 | 7170 |
| Residual capacity at max height | kg | 1600 | 1550 | 1500 | 1450 | 1400 | 1250 | 1100 | 900 |
| Residual capacity with integrated side shift at max height | kg | 1600 | 1550 | 1500 | 1450 | 1400 | 1250 | 1100 | 900 |
| Residual capacity with hooked-on side shift at max height | kg | 1500 | 1450 | 1400 | 1350 | 1300 | 1150 | 1000 | 800 |
| Height at max capacity | mm | 4000 | 4300 | 4500 | 4800 | 5000 | 5500 | 6000 | 6500 |



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



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