

Technical sheet :

ES 820 LI



 **MANITOU**
HANDLING YOUR WORLD

Characteristics of masts and residual capacities

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1957 | 2207 |
| h3 - Mast lifting height | mm | 1500 | 1700 |
| h4 - Mast extended height | mm | 1963 | 2213 |
| Residual capacity at max height | kg | 2000 | 2000 |

| Full Visibility Duplex (FVD) | | FVD 29 | FVD 34 | FVD 38 |
|---------------------------------|----|--------|--------|--------|
| h1 - Mast lowered height | mm | 1957 | 2207 | 2407 |
| h3 - Mast lifting height | mm | 2900 | 3400 | 3800 |
| h4 - Mast extended height | mm | 3393 | 3893 | 4293 |
| Residual capacity at max height | kg | 1950 | 1600 | 1300 |

| Free Lift Duplex (FLD) | | FLD 29 | FLD 34 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1957 | 2207 |
| h2 - Mast free lift | mm | 1507 | 1757 |
| h3 - Mast lifting height | mm | 2900 | 3400 |
| h4 - Mast extended height | mm | 3388 | 3888 |
| Residual capacity at max height | kg | 1900 | 1550 |

| Free Lift Triplex (FLT) | | FLT 42 | FLT 47 | FLT 54 |
|---------------------------------|----|--------|--------|--------|
| h1 - Mast lowered height | mm | 1915 | 2075 | 2315 |
| h2 - Mast free lift | mm | 1472 | 1632 | 1882 |
| h3 - Mast lifting height | mm | 4200 | 4700 | 5400 |
| h4 - Mast extended height | mm | 4713 | 5193 | 5923 |
| Residual capacity at max height | kg | 950 | 750 | 500 |



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