

Technical sheet :

M-X 30-2



 **MANITOU**
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The image contains two technical drawings of a forklift. The left drawing is a top-down view showing the forklift's footprint and dimensions: A_{st} (overall width), b_1 , b_3 , b_{10} , e , 100 (fork length), b_{11} , and W_a (wheelbase). The right drawing is a side view showing the forklift's profile and dimensions: α and β (fork angles), h_4 , h_7 , h_2 , h_6 , m_2 , h_{10} , x , y , l , l_2 , and l_1 (overall length).

Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 37 | FVD 45 |
|--|----|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 | 12 |
| h1 - Mast lowered height | mm | 2785 | 3225 |
| h2 - Mast free lift | mm | 130 | 130 |
| h4 - Mast extended height | mm | 4815 | 5615 |
| Residual capacity at max height | kg | 3000 | 3000 |
| Residual capacity with integrated side shift at max height | kg | 3000 | 3000 |
| Height at max capacity | mm | 2500 | 2500 |

| Free Lift Triplex (FLT) | | FLT 43 | FLT 50 |
|--|----|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 | 12 |
| h1 - Mast lowered height | mm | 2525 | 2785 |
| h2 - Mast free lift | mm | 1533 | 1793 |
| h4 - Mast extended height | mm | 5332 | 6032 |
| Residual capacity at max height | kg | 3000 | |
| Residual capacity with integrated side shift at max height | kg | 2500 | 1500 |
| Height at max capacity | mm | 2500 | 2500 |

| Full Visibility Triplex (FVT) | | FVT 55 |
|--|----|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 |
| h1 - Mast lowered height | mm | 3055 |
| h4 - Mast extended height | mm | 6725 |
| Residual capacity at max height | kg | 1500 |
| Residual capacity with integrated side shift at max height | kg | 1100 |
| Height at max capacity | mm | 2500 |



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