Technical sheet :





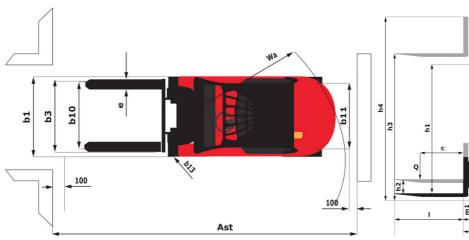


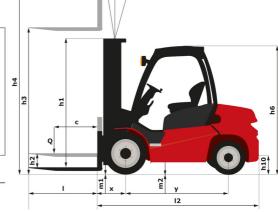
|            | Technical characteristics                                       |
|------------|---|
| 1.1        | Manufacturer  |
| .2         | Model Name  |
| .3         | Power source  |
| 4          | Operator type   |
| 1.5        | Max. capacity   |
| 1.6        | Load center of gravity  |
| .8         | Load distance, centre of drive axle to fork                     |
| .9         | Wheelbase   |
|            | Weight  |
| .1         | Service weight  |
| 2.2        | Weight on front axle (laden) / rear axle (laden)                |
| 2.3        | Weight on front axle (Unladen) / rear axle (Unladen)            |
|            | Wheels  |
| 3.1        | Tires type  |
| 2          | Dimensions of front wheels                                      |
|            | Dimensions of rear wheels                                       |
| 3.3        |   |
| 5.5        | Number of front wheels / rear wheels                            |
| 5.2        | Number of drive wheels  |
| 8.6        | Front wheel gauge   |
| .7         | Rear wheel gauge  |
|            | Dimensions  |
| .7         | Height of overhead guard (cabin)                                |
| .8         | Seat height/stand height  |
| .12        | Height of towing bar (coupling height)                          |
| 19         | Overall length  |
| 20         | Length to face of forks   |
| 21         | Overall width   |
| .21        | Overall width - Single wheels                                   |
| .22        | Forks section / width / length                                  |
| .23        | Fork carriage ISO 2328 (class/form) A/B                         |
| .24        | Fork carriage width   |
| .31        | Ground clearance below mast                                     |
| 32         | Ground clearance at centre of wheelbase                         |
| 1.33       | Aisle Width for pallets 1000 x 1200 crossways                   |
| .34        | Aisle width for 800 x 1200 pallet lengthways                    |
| .35        | Tuming radius   |
| 1.36       | Internal turning radius (over tyres)                            |
| .50        | Performances  |
| 5.1        | Travel speed (laden / unladen)                                  |
| .1         |   |
| 5.2<br>5.3 | Lifting speed (laden / unladen)                                 |
|            | Lowering speed (laden / unladen)                                |
| 5.5        | Drawbar pull (Laden / Unladen)                                  |
| 5.7        | Gradeability (laden / unladen)                                  |
| 10         | Service brake   |
|            | Transmission type   |
|            | Engine  |
| 1          | Engine brand / model / norm                                     |
| .2         | I.C. Engine power rating  |
| .3         | Rated speed   |
| 7.4        | Number of cylinders / Capacity of cylinders                     |
|            | Miscellaneous   |
| 3.2        | Working hydraulic pressure for attachments                      |
|            | Oil flow rate for attachments                                   |
| 3.3        |   |
| 3.3<br>3.4 | Measured/guaranteed mean noise level at the ear of the operator |

MANITOU MI-X 30 D

## Diesel Seated ) 3000 kg 500 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg Super Elastic 28-9-15 12 6.50-10 10 2/2 2 1005 mm 975 mm 11 2130 mm 1215 mm 10 355 mm 3875 mm 12 2715 mm 1225 mm 1225 mm 01 e / I 45 mm x 122 mm x 1150 mm ЗA 1100 mm า1 130 mm 200 mm st 4140 mm 4340 mm 2460 mm la 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Torque converter Yanmar / 4TNV94L-BXPHZ / Stage IIIA 35 kW 2400 rpm 4 - 3054 cm<sup>3</sup> 160 bar 69 l/min < 84 dB 84 dB

## MI-X 30 D - Dimensional drawing





## Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD)                               |    | FVD 30 | FVD 40 |
|--|----|--------|--------|
| α - Mast/fork carriage tilt, forward                       | ۰  | 6      | 6      |
| $\beta$ - Mast/fork carriage tilt, backward                | ۰  | 12     | 12     |
| h1 - Mast lowered height                                   | mm | 2050   | 2650   |
| h2 - Mast free lift  | mm | 145    | 145    |
| h3 - Mast lifting height                                   | mm | 3000   | 4000   |
| h4 - Mast extended height                                  | mm | 3735   | 4735   |
| Residual capacity at max height                            | kg | 3000   | 3000   |
| Residual capacity with integrated side shift at max heigth | kg | 3000   | 3000   |
| Height at max capacity                                     | mm | 3000   | 4000   |
| Height at max capacity with integrated<br>sideshift        | mm |        | 4000   |

| Free Lift Duplex (FLD)  |    | FLD 33 | FLD 37 | FLD 40 | FVD 33 |
|---|----|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward                          | ۰  | 6      | 6      | 6      | 6      |
| β - Mast/fork carriage tilt, backward                         | ٥  | 12     | 12     | 12     | 12     |
| h1 - Mast lowered height                                      | mm | 2230   | 2430   | 2580   | 2200   |
| h2 - Mast free lift   | mm | 1475   | 1675   | 1825   | 145    |
| h3 - Mast lifting height                                      | mm | 3300   | 3700   | 4000   | 3300   |
| h4 - Mast extended height                                     | mm | 4055   | 4455   | 4755   | 4035   |
| Residual capacity at max height                               | kg | 3000   | 3000   | 3000   | 3000   |
| Residual capacity with integrated side shift at<br>max heigth | kg | 3000   | 3000   | 3000   | 3000   |
| Height at max capacity  | mm | 3300   | 3700   | 4000   | 3300   |
| Height at max capacity with integrated<br>sideshift           | mm | 3300   | 3700   | 4000   | 3300   |

| Free Lift Triplex (FLT)                                    |    | FLT 43 | FLT 45 | FLT 47 | FLT 55 | FLT 60 | FLT 65 |
|--|----|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward                       | ۰  | 6      | 6      | 6      | 3      | 3      | 3      |
| β - Mast/fork carriage tilt, backward                      | ٥  | 6      | 6      | 6      | 6      | 6      | 6      |
| h1 - Mast lowered height                                   | mm | 2115   | 2165   | 2215   | 2515   | 2765   | 2915   |
| h2 - Mast free lift  | mm | 1360   | 1410   | 1460   | 1760   | 2010   | 2160   |
| h3 - Mast lifting height                                   | mm | 4300   | 4500   | 4700   | 5500   | 6000   | 6500   |
| h4 - Mast extended height                                  | mm | 5055   | 5305   | 5455   | 6255   | 6805   | 7255   |
| Residual capacity at max height                            | kg | 2950   | 2900   | 2800   | 1850   | 1400   | 1300   |
| Residual capacity with integrated side shift at max heigth | kg | 2850   | 2800   | 2700   | 1750   | 1300   | 1250   |
| Height at max capacity                                     | mm | 4000   | 4000   | 4000   | 4000   | 4000   | 2500   |
| Height at max capacity with integrated<br>sideshift        | mm | 4000   | 4000   | 4000   |        |        |        |



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