Technical sheet :







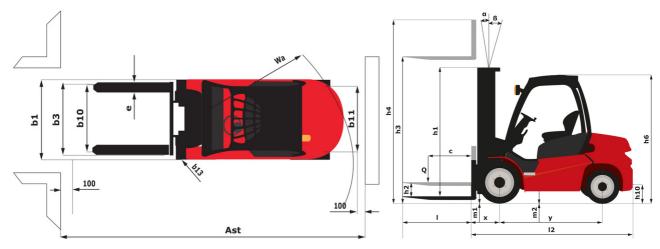
|        | Technical characteristics                                       |
|--------|---|
| 1.1    | Manufacturer  |
| 1.2    | Model Name  |
| 1.3    | Power source  |
| 1.4    | Operator type   |
| 1.5    | Max. capacity   |
| 1.6    | Load center of gravity  |
| 1.8    | Load distance, centre of drive axle to fork                     |
| .9     | Wheelbase   |
|        | Weight  |
| 2.1    | Service weight  |
| .2     | Weight on front axle (laden) / rear axle (laden)                |
|        | Wheels  |
| 1      | Tires type  |
| 2      | Dimensions of front wheels                                      |
| 3      | Dimensions of rear wheels                                       |
|        | Number of front wheels / rear wheels                            |
| 2      | Number of drive wheels  |
|        | Front wheel gauge   |
| 7      | Rear wheel gauge  |
|        | Dimensions  |
| ,      | Height of overhead guard (cabin)                                |
|        | Seat height/stand height  |
|        | Height of towing bar (coupling height)                          |
| )      | Overall length  |
| D      | Length to face of forks   |
|        | Overall width   |
| 1      | Overall width - Single wheels                                   |
| 2      | Forks section / width / length                                  |
| 3      | Fork carriage ISO 2328 (class/form) A/B                         |
| 1      | Ground clearance below mast                                     |
| 2      | Ground clearance at centre of wheelbase                         |
| 3      | Aisle Width for pallets 1000 x 1200 crossways                   |
| 4      | Aisle width for 800 x 1200 pallet lengthways                    |
| 5      | Internal turning radius (over tyres)                            |
|        | Performances  |
|        | Travel speed (laden / unladen)                                  |
|        | Lifting speed (laden / unladen)                                 |
|        | Lowering speed (laden / unladen)                                |
|        | Drawbar pull (Laden / Unladen)                                  |
| 5<br>7 |   |
|        | Gradeability (laden / unladen)                                  |
| )      | Service brake   |
|        | Engine<br>Engine Angel (model                                   |
|        | Engine brand / model  |
|        | Engine power according to ISO 1585                              |
| 3      | Rated speed   |
| 4      | Number of cylinders / Capacity of cylinders                     |
|        | Miscellaneous   |
| 3      | Oil flow rate for attachments                                   |
|        | Measured/guaranteed mean noise level at the ear of the operator |
|        | Sound level at the driver's ear according to DIN 12 053         |
|        |   |

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A

## Metric Manitou MI-X 80 D Diesel Seated 8000 kg 600 mm 705 mm 2500 mm 11790 kg 17670 kg / 2120 kg Pneumatic 9.00-20-14PR 9.00-20-14PR 4/2 4 1628 mm 1700 mm 2580 mm 1505 mm 505 mm 5395 mm 3895 mm 2165 mm 2165 mm 1 75 mm x 160 mm x 1520 mm 4A 185 mm 339 mm 5637 mm 5803 mm 1327 mm 28 km/h-32 km/h 0.43 m/s-0.46 m/s 0.45 m/s-0.36 m/s 7860 daN / 4500 daN 44 % / 44 % Hydraulic Cummins / QSB4,5 82 kW 2200 rpm 4 - 4500 cm<sup>3</sup> 180 l/min < 88 dB 88 dB

## MI-X 80 D - Dimensional drawing



## Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD)      |    | FVD 30 | FVD 33 | FVD 36 | FVD 40 | FVD 45 | FVD 50 |
|-----------------------------------|----|--------|--------|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward  | ٥  | б      | б      | 6      | б      | 6      | б      |
| Mast/fork carriage tilt, backward | ٥  | 12     | 12     | 12     | 12     | 6      | 6      |
| h1 - Mast lowered height          | mm | 2700   | 2850   | 3000   | 3200   | 3500   | 3750   |
| h2 - Mast free lift               | mm | 200    | 200    | 200    | 200    | 200    | 200    |
| h3 - Mast lifting height          | mm | 3000   | 3300   | 3600   | 4000   | 4500   | 5000   |
| h4 - Mast extended height         | mm | 4210   | 4510   | 4810   | 5210   | 5710   | 6210   |
| Residual capacity at max height   | kg | 8000   | 8000   | 8000   | 8000   | 8000   | 8000   |
| Height at max capacity            | mm | 3000   | 3300   | 3600   | 4000   | 4500   | 5000   |

| Free Lift Triplex (FLT)           |    | FLT 45 | FLT 48 | FLT 50 | FLT 55 | FLT 60 |
|-----------------------------------|----|--------|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward  | ٥  | 6      | 6      | 6      | 3      | 3      |
| Mast/fork carriage tilt, backward | ٥  | 6      | 6      | 6      | 6      | 6      |
| h1 - Mast lowered height          | mm | 2750   | 2850   | 2950   | 3100   | 3250   |
| h2 - Mast free lift               | mm | 1485   | 1585   | 1600   | 1800   | 1985   |
| h3 - Mast lifting height          | mm | 4500   | 4800   | 5000   | 5500   | 6000   |
| h4 - Mast extended height         | mm | 5775   | 6075   | 6360   | 6810   | 7275   |
| Residual capacity at max height   | kg | 7000   | 7000   | 6500   | 6100   | 5600   |
| Height at max capacity            | mm | 4500   | 4800   | 5000   | 5500   | 6000   |



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