Technical sheet :







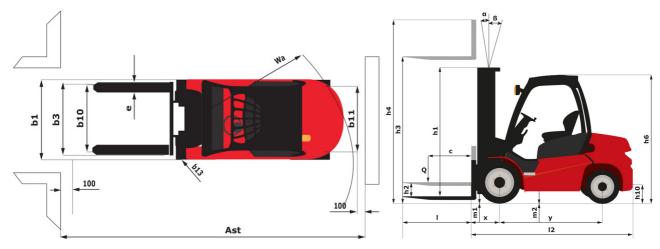
| | Technical characteristics |
|--------|---|
| 1.1 | Manufacturer |
| 1.2 | Model Name |
| 1.3 | Power source |
| 1.4 | Operator type |
| 1.5 | Max. capacity |
| 1.6 | Load center of gravity |
| 1.8 | Load distance, centre of drive axle to fork |
| .9 | Wheelbase |
| | Weight |
| 2.1 | Service weight |
| .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 7 | |
| | Gradeability (laden / unladen) |
|) | Service brake |
| | Engine 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 cm³ 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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