

Technical sheet :

# **MI-X 55 D**

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 **MANITOU**  
HANDLING YOUR WORLD

| Technical characteristics |  |           | Metric                          |
|---------------------------|--|-----------|---------------------------------|
| 1.1                       | Manufacturer   |           | MANITOU                         |
| 1.2                       | Model Name   |           | MI-X 55 D                       |
| 1.3                       | Power source   |           | Diesel                          |
| 1.4                       | Operator type  |           | Seated                          |
| 1.5                       | Max. capacity  | Q         | 5500 kg                         |
| 1.6                       | Load center of gravity                               | c         | 500 mm                          |
| 1.8                       | Load distance, centre of drive axle to fork          | x         | 585 mm                          |
| 1.9                       | Wheelbase  | y         | 2150 mm                         |
| Weight                    |  |           |                                 |
| 2.1                       | Service weight                                       |           | 7250 kg                         |
| 2.2                       | Weight on front axle (laden) / rear axle (laden)     |           | 11000 kg / 1750 kg              |
| 2.3                       | Weight on front axle (Unladen) / rear axle (Unladen) |           | 3300 kg / 3950 kg               |
| Wheels                    |  |           |                                 |
| 3.1                       | Tires type   |           | Pneumatic                       |
| 3.2                       | Dimensions of front wheels                           |           | 300-15 18PR                     |
| 3.3                       | Dimensions of rear wheels                            |           | 7.00-12 12PR                    |
| 3.5                       | Number of front wheels / rear wheels                 |           | 2 / 2                           |
| 3.5.2                     | Number of drive wheels                               |           | 2                               |
| 3.6                       | Front wheel gauge                                    | b10       | 1190 mm                         |
| 3.7                       | Rear wheel gauge                                     | b11       | 1130 mm                         |
| Dimensions                |  |           |                                 |
| 4.7                       | Height of overhead guard (cabin)                     | h6        | 2390 mm                         |
| 4.8                       | Seat height/stand height                             | h7        | 1370 mm                         |
| 4.12                      | Height of towing bar (coupling height)               | h10       | 445 mm                          |
| 4.19                      | Overall length                                       | l1        | 4530 mm                         |
| 4.20                      | Length to face of forks                              | l2        | 3330 mm                         |
| 4.21                      | Overall width  | b1        | 1490 mm                         |
| 4.21                      | Overall width - Single wheels                        | b1        | 1490 mm                         |
| 4.21                      | Overall width - Twinned wheels                       | b1        | 1940 mm                         |
| 4.22                      | Forks section / width / length                       | s / e / l | 60 mm x 150 mm x 1220 mm        |
| 4.23                      | Fork carriage ISO 2328 (class/form) A/B              |           | 4A                              |
| 4.24                      | Fork carriage width                                  | b3        | 1250 mm                         |
| 4.31                      | Ground clearance below mast                          | m1        | 170 mm                          |
| 4.32                      | Ground clearance at centre of wheelbase              | m2        | 230 mm                          |
| 4.33                      | Aisle Width for pallets 1000 x 1200 crossways        | Ast       | 4755 mm                         |
| 4.34                      | Aisle width for 800 x 1200 pallet lengthways         | Ast       | 4555 mm                         |
| 4.35                      | Turning radius                                       | Wa        | 2970 mm                         |
| 4.36                      | Internal turning radius (over tyres)                 | b13       | 130 mm                          |
| Performances              |  |           |                                 |
| 5.1                       | Travel speed (laden / unladen)                       |           | 13 km/h-22 km/h                 |
| 5.2                       | Lifting speed (laden / unladen)                      |           | 0.46 m/s-0.50 m/s               |
| 5.3                       | Lowering speed (laden / unladen)                     |           | 0.50 m/s-0.50 m/s               |
| 5.7                       | Gradeability (laden / unladen)                       |           | 20 % / 20 %                     |
| 5.10                      | Service brake  |           | Hydraulic                       |
| Engine                    |  |           |                                 |
| 7.1                       | Engine brand / model / norm                          |           | Perkins / 1104D-44 / Stage IIIA |
| 7.2                       | I.C. Engine power rating                             |           | 56 kW                           |
| 7.3                       | Rated speed  |           | 2200 rpm                        |

### MI-X 55 D - Dimensional drawing







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