

Technical sheet :

# **MI-X 55 D**

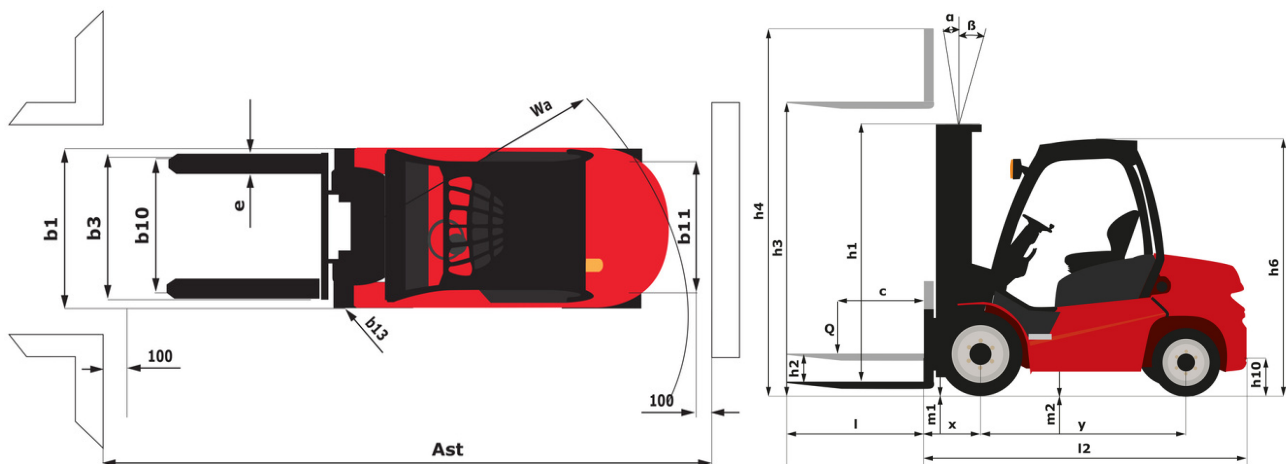
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 **MANITOU**  
HANDLING YOUR WORLD

|       | 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   | Engine power according to ISO 1585                   |           | 56 kW                           |
| 7.3   | Rated speed                                          |           | 2200 rpm                        |

## MI-X 55 D - Dimensional drawing







**Head Office**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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