

Technical sheet :

# **MI 15 G ST5 FOB**

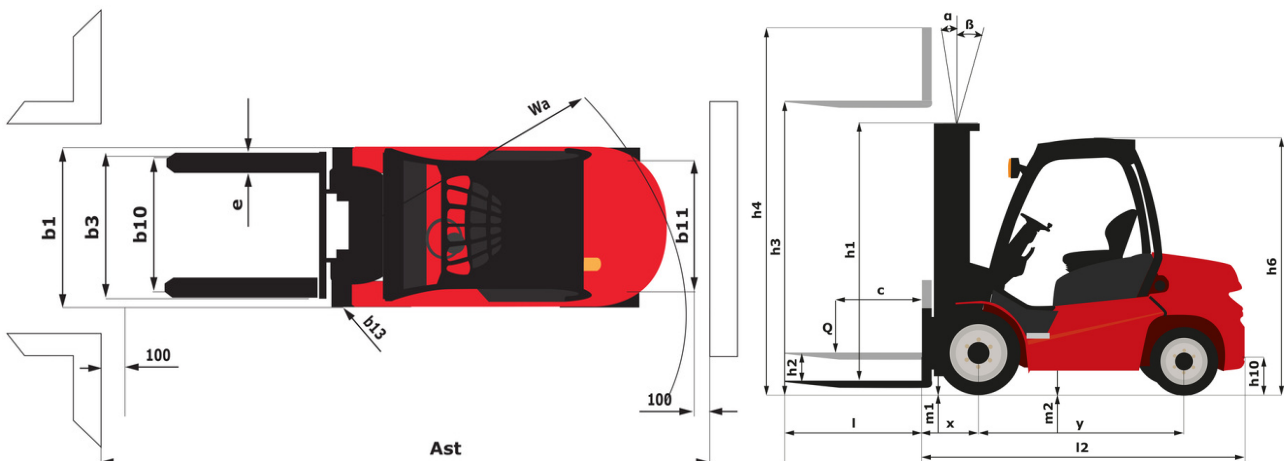
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 **MANITOU**  
HANDLING YOUR WORLD

| Technical characteristics |   | Metric                                |
|---------------------------|---|---------------------------------------|
| 1.1                       | Manufacturer  | MANITOU                               |
| 1.2                       | Model Name  | MI 15 G ST5 FOB                       |
| 1.3                       | Power source  | LPG                                   |
| 1.4                       | Operator type   | Seated                                |
| 1.5                       | Max. capacity   | Q<br>1500 kg                          |
| 1.6                       | Load center of gravity                                  | c<br>500 mm                           |
| 1.8                       | Load distance, centre of drive axle to fork             | x<br>405 mm                           |
| 1.9                       | Wheelbase   | y<br>1420 mm                          |
| Weight                    |   |                                       |
| 2.1                       | Service weight  | 2710 kg                               |
| 2.2                       | Weight on front axle (laden) / rear axle (laden)        | 3640 kg / 570 kg                      |
| 2.3                       | Weight on front axle (Unladen) / rear axle (Unladen)    | 1230 kg / 1480 kg                     |
| Wheels                    |   |                                       |
| 3.1                       | Tires type  | Solid tires                           |
| 3.2                       | Dimensions of front wheels                              | 6.50-10 10                            |
| 3.3                       | Dimensions of rear wheels                               | 5.00-8 8                              |
| 3.5                       | Number of front wheels / rear wheels                    | 2 / 2                                 |
| 3.5.2                     | Number of drive wheels                                  | 2                                     |
| 3.6                       | Front wheel gauge                                       | b10<br>900 mm                         |
| 3.7                       | Rear wheel gauge  | b11<br>920 mm                         |
| Dimensions                |   |                                       |
| 4.8                       | Seat height/stand height                                | h7<br>1160 mm                         |
| 4.12                      | Height of towing bar (coupling height)                  | h10<br>315 mm                         |
| 4.19                      | Overall length  | l1<br>3310 mm                         |
| 4.20                      | Length to face of forks                                 | l2<br>2240 mm                         |
| 4.21                      | Overall width   | b1<br>1080 mm                         |
| 4.21                      | Overall width - Single wheels                           | b1<br>1080 mm                         |
| 4.21                      | Overall width - Twinned wheels                          | b1<br>1500 mm                         |
| 4.22                      | Forks section / width / length                          | s / e / l<br>35 mm x 100 mm x 1070 mm |
| 4.23                      | Fork carriage ISO 2328 (class/form) A/B                 | 2A                                    |
| 4.24                      | Fork carriage width                                     | b3<br>1000 mm                         |
| 4.31                      | Ground clearance below mast                             | m1<br>115 mm                          |
| 4.32                      | Ground clearance at centre of wheelbase                 | m2<br>150 mm                          |
| 4.33                      | Aisle Width for pallets 1000 x 1200 crossways           | Ast<br>3590 mm                        |
| 4.34                      | Aisle width for 800 x 1200 pallet lengthways            | Ast<br>3790 mm                        |
| 4.35                      | Turning radius  | Wa<br>1985 mm                         |
| 4.36                      | Internal turning radius (over tyres)                    | b13<br>55 mm                          |
| Performances              |   |                                       |
| 5.1                       | Travel speed (laden / unladen)                          | 17.50 km/h-18 km/h                    |
| 5.2                       | Lifting speed (laden / unladen)                         | 0.61 m/s-0.65 m/s                     |
| 5.3                       | Lowering speed (laden / unladen)                        | 0.50 m/s-0.55 m/s                     |
| 5.5                       | Drawbar pull (Laden / Unladen)                          | 1800 daN / 770 daN                    |
| 5.7                       | Gradeability (laden / unladen)                          | 20 % / 20 %                           |
| 5.10                      | Service brake   | Hydraulic                             |
| Engine                    |   |                                       |
| 7.1                       | Engine brand / model                                    | GCT (ex-Nissan) / GK21 LPG            |
| 7.2                       | Engine power (Hp / kW)                                  | 52 Hp/38.40 kW                        |
| 7.3                       | Rated speed   | 2700 rpm                              |
| 7.4                       | Number of cylinders / Capacity of cylinders             | 4 - 2065 cm³                          |
| Miscellaneous             |   |                                       |
| 8.2                       | Working hydraulic pressure for attachments              | 160 bar                               |
| 8.3                       | Oil flow rate for attachments                           | 25 l/min                              |
| 8.4                       | Sound level at the driver's ear according to DIN 12 053 | 81 dB                                 |

MI 15 G ST5 FOB - Dimensional drawing







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