

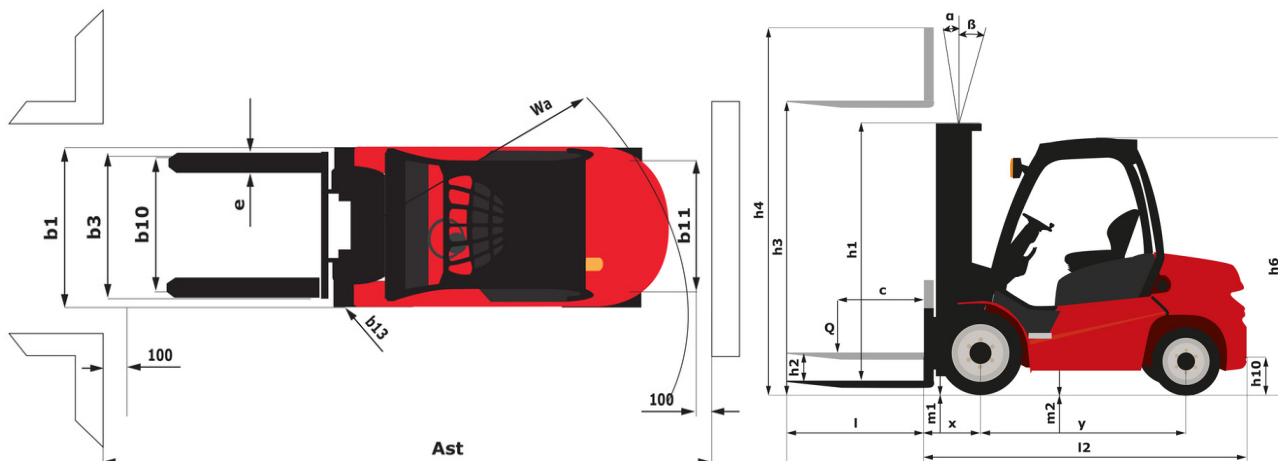
Technical sheet :

# MI 15 GST5 FOB



| Technical characteristics |   |           | Metric                     |
|---------------------------|---|-----------|----------------------------|
| 1.1                       | Manufacturer  |           | MANITOU                    |
| 1.2                       | Model Name  |           | MI 15 G ST5                |
| 1.3                       | Power source  |           | Lpg                        |
| 1.4                       | Operator type   |           | Seated                     |
| 1.5                       | Max. capacity   | Q         | 1500 kg                    |
| 1.6                       | Load center of gravity                                  | c         | 500 mm                     |
| 1.8                       | Load distance, centre of drive axle to fork             | x         | 405 mm                     |
| 1.9                       | Wheelbase   | y         | 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  |           | Super Elastic              |
| 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       | 900 mm                     |
| 3.7                       | Rear wheel gauge  | b11       | 920 mm                     |
| Dimensions                |   |           |                            |
| 4.8                       | Seat height/stand height                                | h7        | 1160 mm                    |
| 4.12                      | Height of towing bar (coupling height)                  | h10       | 315 mm                     |
| 4.19                      | Overall length  | l1        | 3310 mm                    |
| 4.20                      | Length to face of forks                                 | l2        | 2240 mm                    |
| 4.21                      | Overall width   | b1        | 1080 mm                    |
| 4.21                      | Overall width - Single wheels                           | b1        | 1080 mm                    |
| 4.21                      | Overall width - Twinned wheels                          | b1        | 1500 mm                    |
| 4.22                      | Forks section / width / length                          | s / e / l | 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        | 1000 mm                    |
| 4.31                      | Ground clearance below mast                             | m1        | 115 mm                     |
| 4.32                      | Ground clearance at centre of wheelbase                 | m2        | 150 mm                     |
| 4.33                      | Aisle Width for pallets 1000 x 1200 crossways           | Ast       | 3590 mm                    |
| 4.34                      | Aisle width for 800 x 1200 pallet lengthways            | Ast       | 3790 mm                    |
| 4.35                      | Turning radius  | Wa        | 1985 mm                    |
| 4.36                      | Internal turning radius (over tyres)                    | b13       | 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                       | I.C. Engine power rating                                |           | 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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