

Technical sheet :

# MI 40 G US

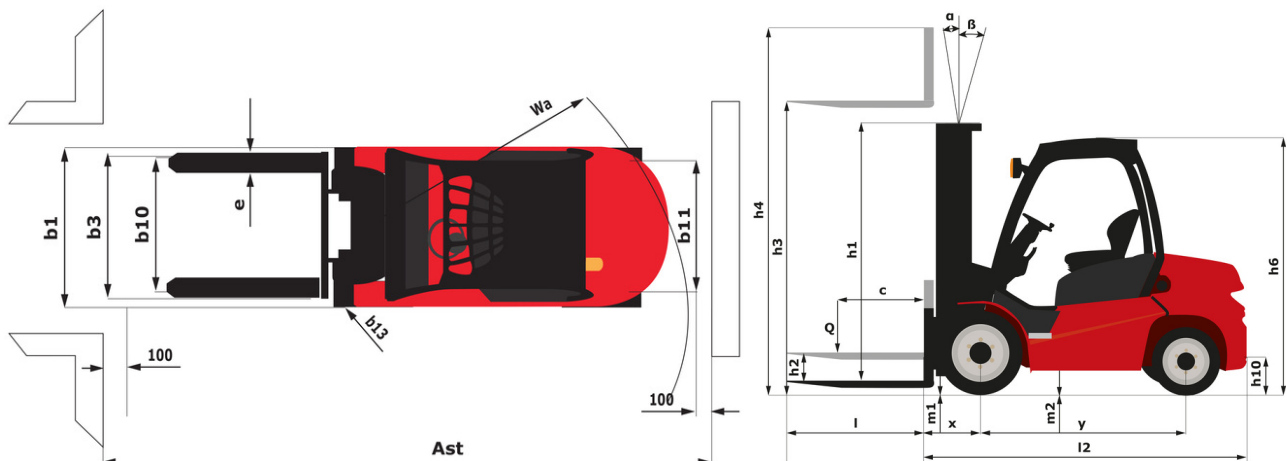
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 **MANITOU**  
HANDLING YOUR WORLD

|       | Technical characteristics                                       |           | Imperial            |
|-------|---|-----------|---------------------|
| 1.1   | Manufacturer  |           | Manitou             |
| 1.2   | Model Name  |           | MI 40 G US          |
| 1.3   | Power source  |           | Lpg                 |
| 1.4   | Operator type   |           | Seated              |
| 1.5   | Max. capacity   | Q         | 8818 lb             |
| 1.6   | Load center of gravity  | c         | 20 in               |
| 1.8   | Load distance, centre of drive axle to fork                     | x         | 22 in               |
| 1.9   | Wheelbase   | y         | 79 in               |
|       | <b>Weight</b>   |           |                     |
| 2.1   | Service weight  |           | 13889 lb            |
| 2.2   | Weight on front axle (laden) / rear axle (laden)                |           | 19842 lb / 2866 lb  |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen)            |           | 6173 lb / 7716 lb   |
|       | <b>Wheels</b>   |           |                     |
| 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       | 46 in               |
| 3.7   | Rear wheel gauge  | b11       | 44 in               |
|       | <b>Dimensions</b>   |           |                     |
| 4.7   | Height of overhead guard (cabin)                                | h6        | 94 in               |
| 4.8   | Seat height/stand height  | h7        | 54 in               |
| 4.12  | Height of towing bar (coupling height)                          | h10       | 18 in               |
| 4.19  | Overall length  | l1        | 169 in              |
| 4.20  | Length to face of forks   | l2        | 121 in              |
| 4.21  | Overall width   | b1        | 55 in               |
| 4.21  | Overall width - Single wheels                                   | b1        | 55 in               |
| 4.22  | Forks section / width / length                                  | s / e / l | 2 in x 5 in x 48 in |
| 4.23  | Fork carriage ISO 2328 (class/form) A/B                         |           | 3A                  |
| 4.24  | Fork carriage width   | b3        | 49 in               |
| 4.31  | Ground clearance below mast                                     | m1        | 7 in                |
| 4.32  | Ground clearance at centre of wheelbase                         | m2        | 9 in                |
| 4.33  | Aisle Width for pallets 1000 x 1200 crossways                   | Ast       | 183 in              |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast       | 188 in              |
| 4.35  | Turning radius  | Wa        | 109 in              |
| 4.36  | Internal turning radius (over tyres)                            | b13       | 5 in                |
|       | <b>Performances</b>   |           |                     |
| 5.1   | Travel speed (laden / unladen)                                  |           | 14 mph-15 mph       |
| 5.2   | Lifting speed (laden / unladen)                                 |           | 2 ft/s-2 ft/s       |
| 5.3   | Lowering speed (laden / unladen)                                |           | 2 ft/s-2 ft/s       |
| 5.5   | Drawbar pull (Laden / Unladen)                                  |           | 3800 daN / 2200 daN |
| 5.7   | Gradeability (laden / unladen)                                  |           | 24 % / 37 %         |
| 5.10  | Service brake   |           | Hydraulic           |
|       | <b>Engine</b>   |           |                     |
| 7.1   | Engine brand / model  |           | PSI / 4,3 L         |
| 7.2   | Engine power according to ISO 1585                              |           | 74 kW               |
| 7.3   | Rated speed   |           | 2300 rpm            |
| 7.4   | Number of cylinders / Capacity of cylinders                     |           | 6 - 262 in³         |
|       | <b>Miscellaneous</b>  |           |                     |
| 8.2   | Working hydraulic pressure for attachments                      |           | 2321 PSI            |
| 8.3   | Oil flow rate for attachments                                   |           | 24 US gpm           |
| 8.4   | Measured/guaranteed mean noise level at the ear of the operator |           | < 83 dB             |

## MI 40 G US - Dimensional drawing







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