

Technical sheet :

MI 40 G US



 **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 |
| Weight | | | |
| 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 |
| 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 | 46 in |
| 3.7 | Rear wheel gauge | b11 | 44 in |
| Dimensions | | | |
| 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 |
| Performances | | | |
| 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 |
| Engine | | | |
| 7.1 | Engine brand / model | | PSI / 4,3 L |
| 7.2 | I.C. Engine power rating | | 74 kW |
| 7.3 | Rated speed | | 2300 rpm |
| 7.4 | Number of cylinders / Capacity of cylinders | | 6 - 262 in³ |
| Miscellaneous | | | |
| 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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