

Technical sheet :

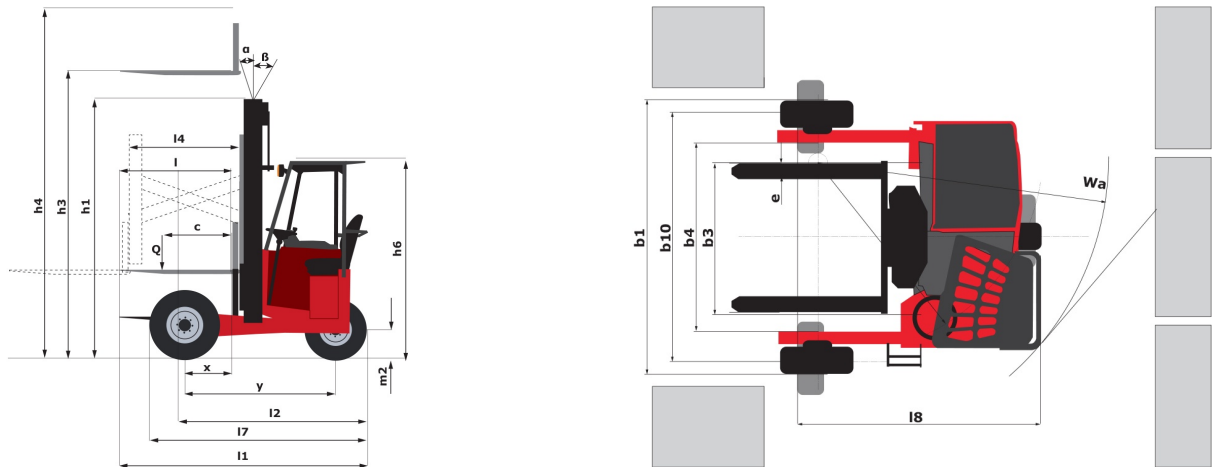
# **TMM 25**

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| Technical characteristics |   |           | Metric                   | Imperial                        |
|---------------------------|---|-----------|--------------------------|---------------------------------|
| 1.1                       | Manufacturer  |           | Manitou                  | Manitou                         |
| 1.2                       | Model Name  |           | TMM 25                   | TMM 25                          |
| 1.2.1                     | Reach out equipment                                     |           | Pantograph               | Pantograph                      |
| 1.3                       | Power source  |           | Diesel                   | Diesel                          |
| 1.4                       | Operator type   |           | Seated                   | Seated                          |
| 1.5                       | Max. capacity   | Q         | 2500 kg                  | 5512 lbs                        |
| 1.6                       | Load centre of gravity                                  | c         | 600 mm                   | 23.622 in                       |
| 1.8                       | Load distance, centre of drive axle to fork             | x         | -500 mm                  | -19.685 in                      |
| 1.9                       | Wheelbase   | y         | 1598 mm                  | 62.913 in                       |
| Weight                    |   |           |                          |                                 |
| 2.1                       | Service Weight  |           | 2340 kg                  | 5159 lbs                        |
| Wheels                    |   |           |                          |                                 |
| 3.1                       | Tyres type  |           | Inflatable               | Inflatable                      |
| 3.2                       | Dimensions of front wheels                              |           | 27x10-12 IC30            | 27x10-12 IC30                   |
| 3.3                       | Dimensions of rear wheels                               |           | 27x10-12 IC30            | 27x10-12 IC30                   |
| 3.5                       | Number of front wheels / rear wheels                    |           | 2 / 1                    | 2 / 1                           |
| 3.5.1                     | Drive wheels (front / rear)                             |           | 2 / 1                    | 2 / 1                           |
| 3.6                       | Front wheel gauge                                       | b10       | 2151 mm                  | 84.685 in                       |
| Dimensions                |   |           |                          |                                 |
| 4.7                       | Height of overhead guard (cabin)                        | h6        | 2120 mm                  | 83.465 in                       |
| 4.19                      | Overall length  | l1        | 2638 mm                  | 103.858 in                      |
| 4.21                      | Overall width   | b1        | 2406 mm                  | 94.724 in                       |
| 4.22                      | Forks section / width / length                          | s / e / l | 40 mm x 125 mm x 1200 mm | 1.575 in x 4.921 in x 47.244 in |
| 4.23                      | Fork carriage ISO 2328 (class/form) A/B                 |           | 2A                       | 2A                              |
| 4.24                      | Fork carriage width                                     | b3        | 1260 mm                  | 49.606 in                       |
| 4.26                      | Distance between wheel arms/loading surfaces            | b4        | 1600 mm                  | 62.992 in                       |
| 4.32                      | Ground clearance at centre of wheelbase                 | m2        | 270 mm                   | 10.63 in                        |
| 4.28                      | Max. Reach  | l4        | 1005 mm                  | 39.567 in                       |
| 4.37                      | Overall length (without forks)                          | l7        | 2285 mm                  | 89.961 in                       |
| 4.35                      | Turning radius  | Wa        | 2463 mm                  | 96.969 in                       |
| Performances              |   |           |                          |                                 |
| 5.1                       | Travel speed (laden / unladen)                          |           | 11.2 km/h / 11.2 km/h    | 7 mph / 7 mph                   |
| 5.7                       | Gradeability - laden / unladen                          |           | 43 % / 26 %              | 43 % / 26 %                     |
| 5.9                       | Service brake   |           | Hydraulic                | Hydraulic                       |
| 5.11                      | Transmission type                                       |           | Hydrostatic              | Hydrostatic                     |
| Engine                    |   |           |                          |                                 |
| 7.1                       | Engine brand  |           | Kubota                   | Kubota                          |
| 7.4                       | Number of cylinders / Capacity of cylinders             |           | 4 - 1498 cm <sup>3</sup> | 4 - 91.41 in <sup>3</sup>       |
| 7.3                       | Rated speed   |           | 3000 tr/min              | 3000 tr/min                     |
| 7.2                       | Engine power according to ISO 1585                      |           | 26.5 kW                  | 26.5 kW                         |
| Miscellaneous             |   |           |                          |                                 |
| 8.2                       | Working hydraulic pressure for attachments (bar)        |           | 190 Bar                  | 13 PSI                          |
| 8.3                       | Oil flow rate for attachments                           |           | 43 l/min                 | 43 l/min                        |
| 8.4                       | Sound level at the driver's ear according to DIN 12 053 |           | 86 dB(A)                 | 86 dB(A)                        |

## Dimensional drawing



## Characteristics of masts and residual capacities

|   |              | Full Visibility Duplex                         |        |        |      |      |
|---|--------------|--|--------|--------|------|------|
|   |              | FVD 30   | FVD 36 | FVD 39 |      |      |
| Residual Capacity (Maximum Height & LC = 600) | Simple Reach | h1 - Height mast Lowered                       | mm     | 2392   | 2742 | 2892 |
|   |              | h3 - Lifting Height                            | mm     | 3000   | 3600 | 3900 |
|   |              | h4 - Height mast extended                      | mm     | 4495   | 5095 | 5395 |
|   |              | Pantograph reach in                            | kg     | 2500   | 2500 | 2500 |
|   |              | Pantograph reach out with stabilizers          | kg     | 2000   | 1950 | 1900 |
|   |              | Pantograph reach out without stabilizers       | kg     | 1050   | 1000 | 950  |
|   | Double Reach | Telescopic forks reach in                      | kg     | 2500   | 2500 | 2500 |
|   |              | Telescopic Forks reach out with stabilizers    | kg     | 1350   | 1300 | 1300 |
|   |              | Telescopic Forks reach out without stabilizers | kg     | 1150   | 1100 | 1050 |
|   |              | Pantograph & TF reach in                       | kg     | 2500   | 2500 | 2500 |
|   |              | Pantograph & TF reach out with stabilizers     | kg     | 1100   | 1100 | 1100 |
|   |              | Pantograph & TF reach out without stabilizers  | kg     | 550    | 550  | 550  |



Siège Social

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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