Technical sheet:

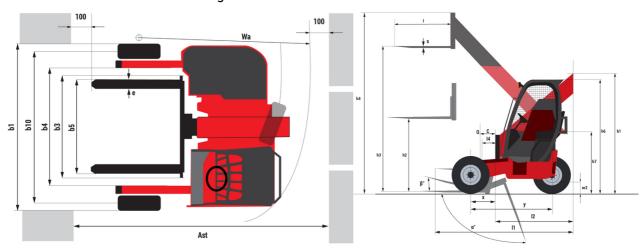
# **TMT 25 S Y ST5**





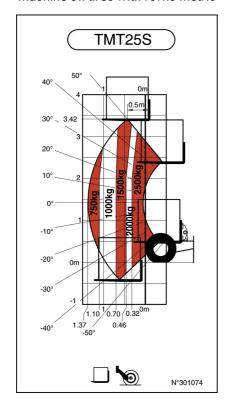
|       |   | TMT 25 S Y ST5 Created | i on September 11, 2025 at 10:17 AM  |  |
|-------|---|------------------------|--------------------------------------|--|
|       | Technical characteristics                     |                        | Metric                               |  |
| 1.1   | Manufacturer                                  |                        | MANITOU                              |  |
| 1.2   | Model Name                                    |                        | TMT 25 S Y ST5                       |  |
| 1.2.1 | Reach out equipment                           |                        | Telescopic boom                      |  |
| 1.3   | Power source                                  |                        | Diesel                               |  |
| 1.4   | Operator type                                 |                        | Seated                               |  |
| 1.5   | Max. capacity                                 | Q                      | 2500 kg                              |  |
| 1.6   | Load center of gravity                        | c                      | 500 mm                               |  |
| 1.8   | Load distance, centre of drive axle to fork   | X                      | -505 mm                              |  |
| 1.9   | Wheelbase                                     | ^<br>V                 | 1651 mm                              |  |
| 1.9   |   | y                      | 1031 111111                          |  |
| 2.1   | Weight Service weight                         |                        | 2610 kg                              |  |
| 2.1   | -   |                        | 2010 kg                              |  |
|       | Wheels  |                        |                                      |  |
| 3.1   | Tires type                                    |                        | Pneumatic                            |  |
| 3.2   | Dimensions of front wheels                    |                        | 10x16,5                              |  |
| 3.3   | Dimensions of rear wheels                     |                        | 10x16,5                              |  |
| 3.5   | Number of front wheels / rear wheels          |                        | 2 / 1                                |  |
| 3.5.2 | Drive wheels (front / rear)                   |                        | 2 / 1                                |  |
| 3.6   | Front wheel gauge                             | b10                    | 2072 mm                              |  |
|       | Dimensions                                    |                        |                                      |  |
| 4.1   | Mast/fork carriage tilt, forward              | α                      | 100 °                                |  |
| 4.1.1 | Mast/fork carriage tilt, backward             | β                      | 12 °                                 |  |
| 4.2   | Height telescopic boom lowered                | h1                     | 2240 mm                              |  |
| 4.3   | Mast free lift                                | h2                     | 1440 mm                              |  |
| 4.4   | Max. lifting height                           | h3                     | 3380 mm                              |  |
| 4.5   | Height telescopic boom extended               | h4                     | 3925 mm                              |  |
| 4.7   | Height of overhead guard (cabin)              | h6                     | 2200 mm                              |  |
| 4.8   | Seat height/stand height                      | h7                     | 1220 mm                              |  |
| 4.19  | Overall length                                | <br>I1                 | 2790 mm                              |  |
| 4.19  | -   | 12                     | 1590 mm                              |  |
|       | Length to face of forks                       | b1                     |                                      |  |
| 4.21  | Overall width                                 |                        | 2350 mm                              |  |
| 4.22  | Forks section / width / length                | s / e / l              | 40 mm x 125 mm x 1200 mm             |  |
| 4.23  | Fork carriage ISO 2328 (class/form) A/B       |                        | FEM 2A                               |  |
| 4.24  | Fork carriage width                           | b3                     | 1270 mm                              |  |
| 4.26  | Distance between support arms                 | b5                     | 1267 mm                              |  |
| 4.26  | Distance between wheel arms/loading surfaces  | b4                     | 1519 mm                              |  |
| 4.28  | Maximum outreach                              |                        | 1310 mm                              |  |
| 4.32  | Ground clearance at centre of wheelbase       | m2                     | 290 mm                               |  |
| 4.33  | Aisle Width for pallets 1000 x 1200 crossways | Ast                    | 3968 mm                              |  |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways  | Ast                    | 3968 mm                              |  |
| 4.35  | Turning radius                                | Wa                     | 3072 mm                              |  |
|       | Performances                                  |                        |                                      |  |
| 5.1   | Travel speed (laden / unladen)                |                        | 11.80 km/h - 11.50 km/h              |  |
| 5.2   | Lifting speed (laden / unladen)               |                        | 0.25 m/s / 0.27 m/s                  |  |
| 5.3   | Lowering speed (laden / unladen)              |                        | 0.29 m/s / 0.32 m/s                  |  |
| 5.9   | Acceleration time (laden / unladen)           |                        | 4 s / 3.50 s                         |  |
| 5.10  | Service brake                                 |                        | Hydraulic brakes by loss of pressure |  |
|       | Engine  |                        |                                      |  |
| 7.1   | Engine brand / norm / model                   |                        | Yanmar - Stage V / 3TNV 86 CT        |  |
| 7.2   | I.C. Engine power rating                      |                        | 31 kW                                |  |
| 7.2   | Rated speed                                   |                        | 2800 rpm                             |  |
| 7.3   | Number of cylinders / Capacity of cylinders   |                        | 3 - 1568 cm <sup>3</sup>             |  |
| 7 /   | Number of cylinders / Capacity of Cylinders   |                        | 5 - 1508 CIII <sup>2</sup>           |  |
| 7.4   | Missallaneous                                 |                        |                                      |  |
|       | Miscellaneous                                 |                        | 11.1.2                               |  |
| 8.1   | Type of drive control                         |                        | Hydraulic                            |  |
|       |   |                        | Hydraulic<br>270 bar<br>44 I/min     |  |

## TMT 25 S Y ST5 - Dimensional drawing

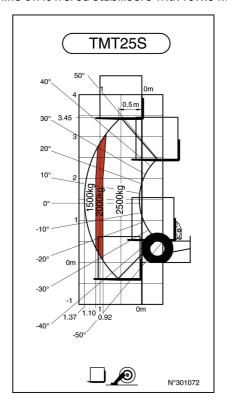


### TMT 25 S Y ST5 - Load chart

#### Machine on tires with forks Metric



#### Machine on lowered stabilisers with forks Metric



## **Equipment**

Protective seat cover
Transparent roof protection

| Standard                             |  |  |
|--------------------------------------|--|--|
| 24V 2x7 plug truck connector adapter |  |  |
| 3 braked wheels                      |  |  |
| Boom with integrated side shift      |  |  |
| Extenseur                            |  |  |
| Left-hand safety strap               |  |  |
| Metallization                        |  |  |
| Telescopic Forks                     |  |  |
| Three-function FNR handling levers   |  |  |
| Optional                             |  |  |
| Primo seat                           |  |  |





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