

Technical sheet :

# **TMT 55 XT 4W Y ST5**

---



 **MANITOU**  
HANDLING YOUR WORLD

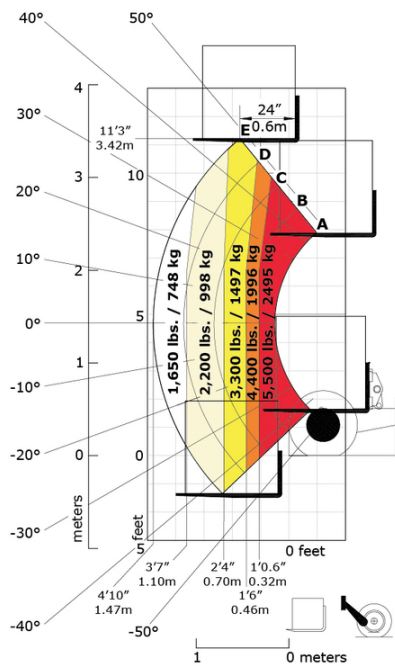
|       | Technical characteristics                                       |           | Imperial                             |
|-------|---|-----------|--------------------------------------|
| 1.1   | Manufacturer  |           | Manitou                              |
| 1.2   | Model Name  |           | TMT 55 XT 4W 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         | 5512 lb                              |
| 1.6   | Load center of gravity  | c         | 24 in                                |
| 1.8   | Load distance, centre of drive axle to fork                     | x         | -20 in                               |
| 1.9   | Wheelbase   | y         | 65 in                                |
|       | <b>Weight</b>   |           |                                      |
| 2.1   | Service weight  |           | 6415 lb                              |
|       | <b>Wheels</b>   |           |                                      |
| 3.1   | Tires type  |           | Pneumatic                            |
| 3.2   | Dimensions of front wheels                                      |           | 10x16,5                              |
| 3.3   | Dimensions of rear wheels                                       |           | 31x15,5-15                           |
| 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       | 86 in                                |
|       | <b>Dimensions</b>   |           |                                      |
| 4.1   | Mast/fork carriage tilt, forward                                | $\alpha$  | 100 °                                |
| 4.1.1 | Mast/fork carriage tilt, backward                               | $\beta$   | 12 °                                 |
| 4.2   | Height telescopic boom lowered                                  | h1        | 89 in                                |
| 4.3   | Mast free lift  | h2        | 57 in                                |
| 4.4   | Max. lifting height   | h3        | 134 in                               |
| 4.5   | Height telescopic boom extended                                 | h4        | 154 in                               |
| 4.7   | Height of overhead guard (cabin)                                | h6        | 93 in                                |
| 4.8   | Seat height/stand height  | h7        | 55 in                                |
| 4.19  | Overall length  | l1        | 111 in                               |
| 4.20  | Length to face of forks   | l2        | 63 in                                |
| 4.21  | Overall width   | b1        | 97 in                                |
| 4.22  | Forks section / width / length                                  | s / e / l | 2 in x 4 in x 48 in                  |
| 4.23  | Fork carriage ISO 2328 (class/form) A/B                         |           | FEM 2A                               |
| 4.24  | Fork carriage width   | b3        | 50 in                                |
| 4.26  | Distance between support arms                                   | b5        | 49 in                                |
| 4.26  | Distance between wheel arms/loading surfaces                    | b4        | 60 in                                |
| 4.28  | Maximum outreach  |           | 52 in                                |
| 4.32  | Ground clearance at centre of wheelbase                         | m2        | 11 in                                |
| 4.33  | Aisle Width for pallets 1000 x 1200 crossways                   | Ast       | 79 in                                |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast       | 77 in                                |
| 4.35  | Turning radius  | Wa        | 117 in                               |
|       | <b>Performances</b>   |           |                                      |
| 5.2   | Lifting speed (laden / unladen)                                 |           | 0.82 ft/s / 0.89 ft/s                |
| 5.3   | Lowering speed (laden / unladen)                                |           | 0.95 ft/s / 1 ft/s                   |
| 5.10  | Service brake   |           | Hydraulic brakes by loss of pressure |
|       | <b>Engine</b>   |           |                                      |
| 7.1   | Engine brand / norm / model                                     |           | Yanmar - Stage V / 3TNV 86 CT        |
| 7.2   | I.C. Engine power rating  |           | 31 kW                                |
| 7.3   | Rated speed   |           | 2800 rpm                             |
| 7.4   | Number of cylinders / Capacity of cylinders                     |           | 3 - 96 in³                           |
|       | <b>Miscellaneous</b>  |           |                                      |
| 8.1   | Type of drive control   |           | Mechanical                           |
| 8.2   | Working hydraulic pressure for attachments                      |           | 3916 PSI                             |
| 8.3   | Oil flow rate for attachments                                   |           | 12 US gpm                            |
| 8.4   | Measured/guaranteed mean noise level at the ear of the operator |           | 105 dB                               |

## TMT 55 XT 4W Y ST5 - Dimensional drawing

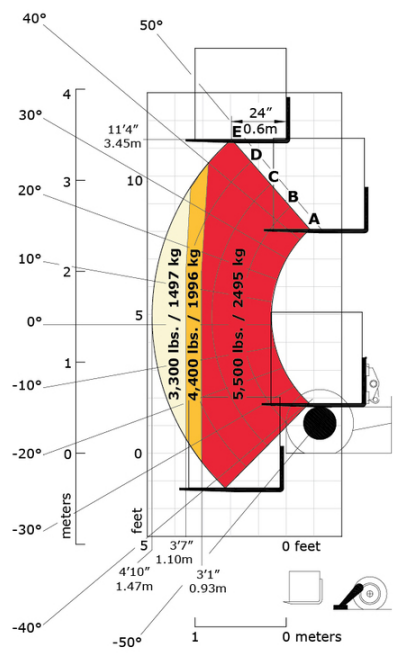


TMT 55 XT 4W Y ST5 - Load chart

Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial





**Head Office**

B.P. 249 - 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)



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes