

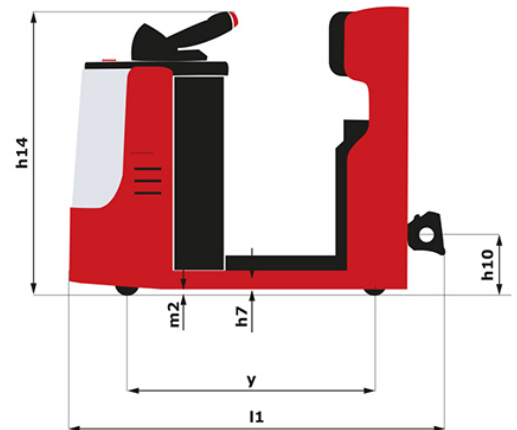
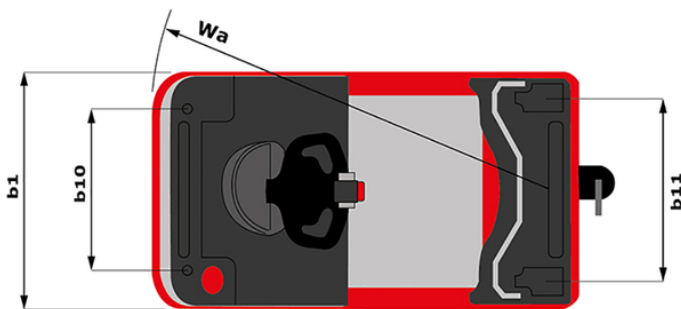
Technical sheet :

# CT 50



| Technical characteristics |   | Metric |                            |
|---------------------------|---|--------|----------------------------|
| 1.1                       | Manufacturer  |        | Manitou                    |
| 1.2                       | Model Name  |        | CT 50                      |
| 1.3                       | Power source  |        | Electrical                 |
| 1.4                       | Operator type   |        | Carried                    |
| 1.5                       | Max. capacity   | Q      | 5000 kg                    |
| 1.9                       | Wheelbase   | y      | 1109 mm                    |
| Weight                    |   |        |                            |
| 2.1                       | Service weight  |        | 1270 kg                    |
| 2.3                       | Axle loading unladen (front / rear)                     |        | 800 kg / 470 kg            |
| Wheels                    |   |        |                            |
| 3.1                       | Tires type  |        | Bandage                    |
| 3.2                       | Dimensions of front wheels                              |        | 254 x 100                  |
| 3.3                       | Dimensions of rear wheels                               |        | 250 x 75                   |
| 3.4                       | Additional wheels (dimensions)                          |        | 140 x 40                   |
| 3.5                       | Number of front wheels / rear wheels                    |        | 2 / 2                      |
| 3.5.2                     | Drive wheels (front / rear)                             |        | 1 / 0                      |
| 3.6                       | Front wheel gauge                                       | b10    | 581 mm                     |
| 3.7                       | Rear wheel gauge  | b11    | 633 mm                     |
| Dimensions                |   |        |                            |
| 4.9                       | Height tiller up max.*                                  | h14    | 1212 mm                    |
| 4.12                      | Height of towing bar (coupling height)                  | h10    | 220 mm                     |
| 4.17                      | Coupling distance to rear axle                          | l5     | 255 mm                     |
| 4.19                      | Overall length  | l1     | 1551 mm                    |
| 4.21                      | Overall width   | b1     | 800 mm                     |
| 4.32                      | Ground clearance at centre of wheelbase                 | m2     | 50 mm                      |
| 4.35                      | Turning radius  | Wa     | 1332 mm                    |
| Performances              |   |        |                            |
| 5.1                       | Travel speed (laden / unladen)                          |        | 8 km/h / 12 km/h           |
| 5.8                       | Max Gradeability (laden / unladen)                      |        | 4 % / 13 %                 |
| 5.10                      | Service brake   |        | Electro magnetic           |
| 5.11                      | Parking brake   |        | Butterfly switch release   |
| Engine                    |   |        |                            |
| 6.1                       | Drive motor rating S2 60 min                            |        | 2 kW                       |
| 6.3                       | Battery according to DIN 43531/35/36 A, B, C            |        | Traction                   |
| 6.4                       | Battery voltage / capacity                              |        | 24 V / 465 Ah              |
| 6.5                       | Battery weight (+/- 5%)                                 |        | 460 kg                     |
| Miscellaneous             |   |        |                            |
| 8.1                       | Type of drive control                                   |        | Mosfet AC speed controller |
| 8.4                       | Sound level at the driver's ear according to DIN 12 053 |        | 66 dB                      |

### CT 50 - Dimensional drawing





**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