Technical sheet:

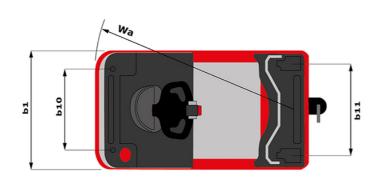
## **CT 50**

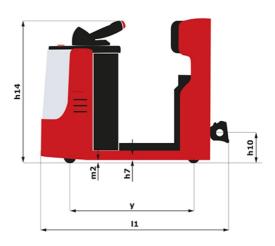




|       |   |     | ted off May 13, 2024 at 3. 14.40 AM OTC |
|-------|---|-----|---|
|       | Technical characteristics                               |     | Metric                                  |
| 1.1   | Manufacturer  |     | Manitou                                 |
| 1.2   | Model Name  |     | CT 50                                   |
| 1.3   | Power source  |     | Electrical                              |
| 1.4   | Operator type   |     | Carried                                 |
| 1.5   | Max. capacity   | Q   | 5000 kg                                 |
| 1.7   | Rated drawbar pull                                      | F   | 150 kg                                  |
| 1.9   | Wheelbase   | V   | 1109 mm                                 |
|       | Weight  |     |   |
| 2.1   | Service weight  |     | 1270 kg                                 |
| 2.3   | Axle loading unladen (front / rear)                     |     | 800 kg / 470 kg                         |
|       | Wheels  |     | <u>y</u> <u>y</u>                       |
| 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                                  |
| 0.7   | Dimensions  |     | 555                                     |
| 4.8   | Platform height   | h7  | 128 mm                                  |
| 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                          | 15  | 255 mm                                  |
| 4.19  | Overall length  | I1  | 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  |     | 1002                                    |
| 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   |     | ··y                                     |
| 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**

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