

Technical sheet :

# **CT 50**

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| 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                |   |        |                            |
| 4.8                       | 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                          | 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





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