

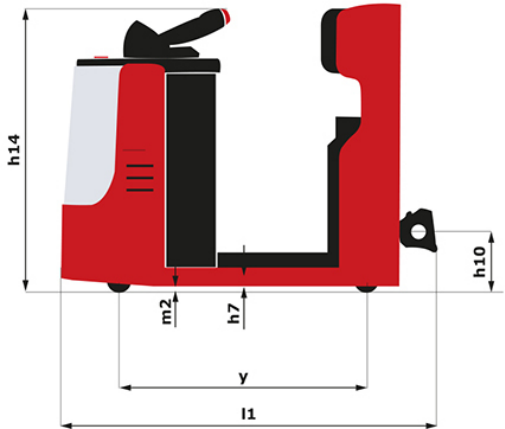
Technical sheet :

# 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



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