Technical sheet:

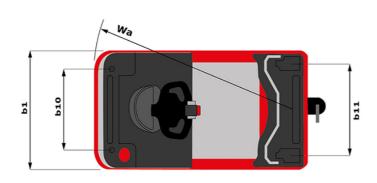
## **CT 30**

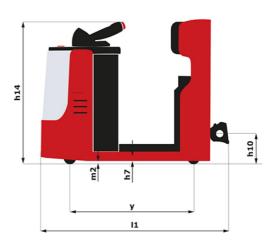




|       |                                                         |     | C I 30 Cleated Of          | n Aprii 26, 2024 at 7.26.48 Piv |
|-------|---------------------------------------------------------|-----|----------------------------|---------------------------------|
|       | Technical characteristics                               |     | Metric                     | Imperial                        |
| 1.1   | Manufacturer                                            |     | Manitou                    | Manitou                         |
| 1.2   | Model Name                                              |     | CT 30                      | CT 30                           |
| 1.3   | Power source                                            |     | Electrical                 | Electrical                      |
| 1.4   | Operator type                                           |     | Carried                    | Carried                         |
| 1.5   | Max. capacity                                           | Q   | 3000 kg                    | 6614 lb                         |
| 1.7   | Rated drawbar pull                                      | F   | 90 kg                      | 198 lb                          |
| 1.9   | Wheelbase                                               | у   | 1109 mm                    | 44 in                           |
|       | Weight                                                  |     |                            |                                 |
| 2.1   | Service weight                                          |     | 1270 kg                    | 2800 lb                         |
| 2.3   | Axle loading unladen (front / rear)                     |     | 800 kg / 470 kg            | 1764 lb / 1036 lb               |
|       | Wheels                                                  |     |                            |                                 |
| 3.1   | Tires type                                              |     | Bandage                    | Bandage                         |
| 3.2   | Dimensions of front wheels                              |     | 254 x 100                  | 254 x 100                       |
| 3.3   | Dimensions of rear wheels                               |     | 250 x 75                   | 250 x 75                        |
| 3.4   | Additional wheels (dimensions)                          |     | 140 x 40                   | 140 x 40                        |
| 3.5   | Number of front wheels / rear wheels                    |     | 2/2                        | 2/2                             |
| 3.5.2 | Drive wheels (front / rear)                             |     | 1/0                        | 1/0                             |
| 3.6   | Front wheel gauge                                       | b10 | 581 mm                     | 23 in                           |
| 3.7   | Rear wheel gauge                                        | b11 | 633 mm                     | 25 in                           |
|       | Dimensions                                              |     |                            |                                 |
| 4.8   | Platform height                                         | h7  | 128 mm                     | 5 in                            |
| 4.9   | Height tiller up max.*                                  | h14 | 1212 mm                    | 48 in                           |
| 4.12  | Height of towing bar (coupling height)                  | h10 | 220 mm                     | 9 in                            |
| 4.17  | Coupling distance to rear axle                          | 15  | 255 mm                     | 10 in                           |
| 4.19  | Overall length                                          | I1  | 1551 mm                    | 61 in                           |
| 4.21  | Overall width                                           | b1  | 800 mm                     | 31 in                           |
| 4.32  | Ground clearance at centre of wheelbase                 | m2  | 50 mm                      | 2 in                            |
| 4.35  | Turning radius                                          | Wa  | 1332 mm                    | 52 in                           |
|       | Performances                                            |     |                            |                                 |
| 5.1   | Travel speed (laden / unladen)                          |     | 9 km/h / 12 km/h           | 6 mph / 7 mph                   |
| 5.8   | Max Gradeability (laden / unladen)                      |     | 6 % / 13 %                 | 6 % / 13 %                      |
| 5.10  | Service brake                                           |     | Electro magnetic           | Electro magnetic                |
| 5.11  | Parking brake                                           |     | Butterfly switch release   | Butterfly switch release        |
|       | Engine                                                  |     |                            |                                 |
| 6.1   | Drive motor rating S2 60 min                            |     | 2 kW                       | 2 kW                            |
| 6.3   | Battery according to DIN 43531/35/36 A, B, C            |     | Traction                   | Traction                        |
| 6.4   | Battery voltage / capacity                              |     | 24 V / 375 Ah              | 24 V / 375 Ah                   |
| 6.5   | Battery weight (+/- 5%)                                 |     | 370 kg                     | 816 lb                          |
|       | Miscellaneous                                           |     |                            |                                 |
| 8.1   | Type of drive control                                   |     | Mosfet AC speed controller | Mosfet AC speed controller      |
| 8.4   | Sound level at the driver's ear according to DIN 12 053 |     | 66 dB                      | 66 dB                           |

## CT 30 - Dimensional drawing









## **Head Office**

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