Technical sheet:

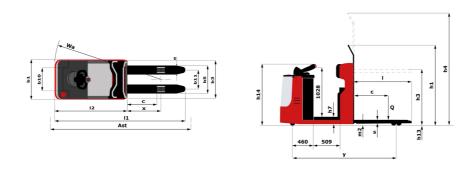
## CI 12 PF





|       | CI12 PF Created on July 16, 2025 at 11:26 PI                    |           |                                       |
|-------|---|-----------|---------------------------------------|
|       | Technical characteristics                                       |           | Metric                                |
| 1.1   | Manufacturer  |           | Manitou                               |
| 1.2   | Model Name  |           | CI 12 PF                              |
| 1.3   | Power source  |           | Electrical                            |
| 1.4   | Operator type   |           | Carried                               |
| 1.5   | Max. capacity   | Q         | 1200 kg                               |
| 1.6   | Load center of gravity  | С         | 600 mm                                |
| 1.8   | Load distance, centre of drive axle to fork                     | Х         | 240 mm                                |
| 1.9   | Wheelbase   | у         | 1530 mm                               |
|       | Weight  |           |                                       |
| 2.1   | Service weight  |           | 1780 kg                               |
| 2.2   | Weight on front axle (laden) / rear axle (laden)                |           | 472 kg / 2508 kg                      |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen)            |           | 650 kg / 1130 kg                      |
|       | Wheels  |           | , , , , , , , , , , , , , , , , , , , |
| 3.1   | Tires type  |           | Bandage                               |
| 3.2   | Dimensions of front wheels                                      |           | 200 x 75                              |
| 3.3   | Dimensions of rear wheels                                       |           | 250 x 100                             |
| 3.5.2 | Number of drive wheels / front wheels / rear wheels             |           | 1/1/2                                 |
| 3.7   | Rear wheel gauge  | b11       | 665 mm                                |
| 3.7   | Dimensions  | 511       | 000 111111                            |
| 4.15  | Fork height in low position                                     | h13       | 50 mm                                 |
| 4.19  | Overall length  | I1        | 3108 mm                               |
| 4.19  | Mast lowered height   | h1        | 1980 mm                               |
| 4.20  | Length to face of forks   | 12        | 1958 mm                               |
| 4.21  | Overall width   | b1        | 800 m                                 |
| 4.21  |   |           |                                       |
|       | Forks section / width / length                                  | s / e / l | 45 mm x 100 mm x 1150 mm<br>790 mm    |
| 4.24  | Fork carriage width   | b3        |                                       |
| 4.25  | Forks spread  | b5        | 730 mm                                |
| 4.32  | Ground clearance at centre of wheelbase                         | m2        | 50 mm                                 |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast       | 3437 mm                               |
| 4.35  | Tuming radius   | Wa        | 1742 mm                               |
| 4.4   | Mast lifting height   | h3        | 1450 mm                               |
| 4.5   | Mast extended height  | h4        | 1980 mm                               |
| 4.9   | Height tiller max.  | h14       | 1212 mm                               |
|       | Performances  |           |                                       |
| 5.1   | Travel speed (laden / unladen)                                  |           | 9 km/h / 11 km/h                      |
| 5.2   | Lifting speed (laden / unladen)                                 |           | 0.08 m/s / 0.18 m/s                   |
| 5.3   | Lowering speed (laden / unladen)                                |           | 0.12 m/s / 0.11 m/s                   |
| 5.7   | Gradeability (laden / unladen)                                  |           | 6 % / 10 %                            |
| 5.10  | Service brake   |           | Electro magnetic                      |
| 5.11  | Parking brake   |           | Butterfly switch release              |
|       | Engine  |           |                                       |
| 6.1   | Drive motor rating S2 60 min                                    |           | 2 kW                                  |
| 6.2   | Lift motor rating at S3 15%                                     |           | 2 kW                                  |
| 6.3   | Battery according to DIN 43531/35/36 A, B, C                    |           | DIN 43535-B                           |
| 6.4   | Battery voltage / capacity                                      |           | 24 V / 620 Ah                         |
| 6.5   | Battery weight (+/- 5%)   |           | 490 kg                                |
|       | Miscellaneous   |           |                                       |
| 8.1   | Type of drive control   |           | AC Mosfet Variator                    |
| 8.4   | Measured/guaranteed mean noise level at the ear of the operator |           | < 66 dB                               |

## CI 12 PF - 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



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