Technical sheet:

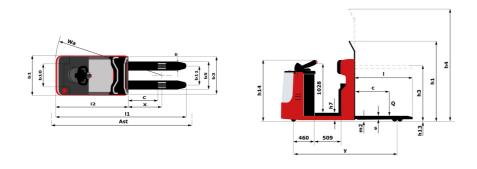
## **CI 12 PF**





|       |  | CI12 PF Created on June 18, 2025 at 12:34 AM UTC |                          |
|-------|--|--|--------------------------|
|       | 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   | c  | 600 mm                   |
| 1.8   | Load distance, centre of drive axle to fork  | x  | 240 mm                   |
| 1.9   | Wheelbase  | y  | 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         |
| 2.5   | Wheels   | _  | 030 kg / 1130 kg         |
| 3.1   | Tires type   |  | Bandage                  |
| 3.2   | Dimensions of front wheels   |  | 200 x 75                 |
| 3.3   | Dimensions of rear wheels  |  | 250 x 75                 |
| 3.5.2 |  |  |                          |
|       | Number of drive wheels / front wheels / rear wheels  | b11  | 1/1/2                    |
| 3.7   | Rear wheel gauge   | DII  | 665 mm                   |
| 4.15  | Dimensions  Fight heights in terms of the second state of the seco | h10  | 50                       |
| 4.15  | Fork height in low position  | h13  | 50 mm                    |
| 4.19  | Overall length   | 11   | 3108 mm                  |
| 4.2   | Mast lowered height  | h1   | 1980 mm                  |
| 4.20  | Length to face of forks  | 12   | 1958 mm                  |
| 4.21  | Overall width  | b1   | 800 m                    |
| 4.22  | Forks section / width / length   | s / e / l  | 45 mm x 100 mm x 1150 mm |
| 4.24  | Fork carriage width  | b3   | 790 mm                   |
| 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  | <u></u>  | 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**

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