Technical sheet:

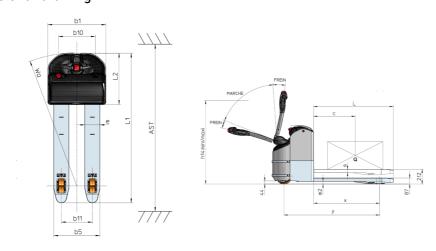
## EP 20 INOX





|       |  | EP 20 INOX G | reated on July 30, 2025 at 6:16 PM U |
|-------|--|--------------|--------------------------------------|
|       | Technical characteristics                            |              | Metric                               |
| 1.1   | Manufacturer   |              | Manitou                              |
| 1.2   | Model Name   |              | EP 20 Inox                           |
| 1.3   | Power source   |              | Electrical                           |
| 1.4   | Operator type  |              | Pedestrian                           |
| 1.5   | Max. capacity  | Q            | 2000 kg                              |
| 1.6   | Load center of gravity                               | С            | 600 mm                               |
| 1.8   | Load distance, centre of drive axle to fork          | X            | 952 mm                               |
| 1.9   | Wheelbase  | у            | 1379 mm                              |
|       | Weight   |              |                                      |
| 2.1   | Service weight                                       |              | 482 kg                               |
| 2.2   | Weight on front axle (laden) / rear axle (laden)     |              | 1077 kg / 1405 kg                    |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen) |              | 337 kg / 145 kg                      |
|       | Wheels   |              |                                      |
| 3.1   | Tires type   |              | Polyurethane                         |
| 3.2   | Dimensions of front wheels                           |              | 230 x 70                             |
| 3.3   | Dimensions of rear wheels                            |              | 82 x 68                              |
| 3.5.2 | Number of drive wheels / front wheels / rear wheels  |              | 1/2/4                                |
| 3.6   | Front wheel gauge                                    | b10          | 435 mm                               |
| 3.7   | Rear wheel gauge                                     | b11          | 365 mm                               |
| 0.7   | Dimensions   |              | 000                                  |
| 4.15  | Fork height in low position                          | h13          | 87 mm                                |
| 4.19  | Overall length                                       | I1           | 1752 mm                              |
| 4.20  | Length to face of forks                              | I2           | 601 mm                               |
| 4.21  | Overall width  | b1           | 684 mm                               |
| 4.22  | Forks section / width / length                       | s / e / l    | 45 mm x 179 mm x 1120 mm             |
| 4.25  | Forks spread   | b5           | 544 mm                               |
| 4.32  | Ground clearance at centre of wheelbase              | m2           | 40 mm                                |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways         | Ast          | 2170 mm                              |
| 4.35  | Turning radius                                       | Wa           | 1560 mm                              |
| 4.4   | Mast lifting height                                  | h3           | 125 mm                               |
| 4.9   | Height tiller min.                                   | h14          | 870 mm                               |
| 4.9   | Height tiller max.                                   | h14          | 1320 mm                              |
| 4.7   | Performances   | 1114         | 1320 11111                           |
| 5.1   | Travel speed (laden / unladen)                       |              | 5 km/h / 5 km/h                      |
| 5.2   | Lifting speed (laden / unladen)                      |              | 0.02 m/s / 0.03 m/s                  |
| 5.3   | Lowering speed (laden / unladen)                     |              | 0.04 m/s / 0.02 m/s                  |
| 5.7   | Gradeability (laden / unladen)                       |              | 10 % / 25 %                          |
| 5.10  | Service brake  |              | Electro magnetic                     |
| 5.10  | Parking brake  |              | Handle Release                       |
| J.11  | Engine   |              | Handle Nelease                       |
| 6.1   | Drive motor rating S2 60 min                         |              | 1.20 kW                              |
| 6.2   | Lift motor rating at S3 15%                          |              | 1.20 kW                              |
| 6.3   | -  |              | DIN 43535-B                          |
|       | Battery according to DIN 43531/35/36 A, B, C         |              |                                      |
| 6.4   | Battery voltage / capacity                           |              | 24 V / 180 Ah                        |
| 6.5   | Battery weight (+/- 5%)                              |              | 180 kg                               |
| 0.1   | Miscellaneous  |              | 10                                   |
| 8.1   | Type of drive control                                |              | AC<br>< 75 dB                        |

## EP 20 Inox - 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



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