Technical sheet:

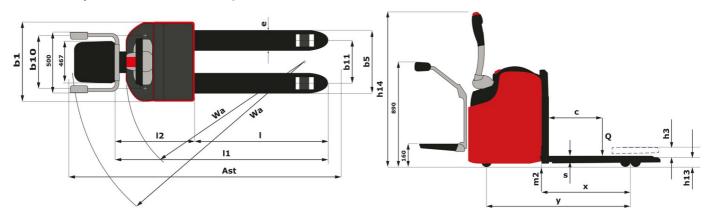
## **EP 20P EASY**





|       |   | EP ZOP EAST | 100100 011 May 3, 2024 at 11.20.37 AM |
|-------|---|-------------|---------------------------------------|
|       | Technical characteristics                                       |             | Metric                                |
| 1.1   | Manufacturer  |             | MANITOU                               |
| 1.2   | Model Name  |             | EP 20P EASY                           |
| 1.3   | Power source  |             | Electrical                            |
| 1.4   | Operator type   |             | Carried                               |
| 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           | 940 mm                                |
| 1.9   | Wheelbase   | У           | 1465 mm                               |
|       | Weight  |             |                                       |
| 2.1   | Service weight  |             | 785 kg                                |
| 2.2   | Weight on front axle (laden) / rear axle (laden)                |             | 1165 kg / 1760 kg                     |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen)            |             | 610 kg / 175 kg                       |
|       | Wheels  |             |                                       |
| 3.1   | Tires type  |             | Polyurethane                          |
| 3.2   | Dimensions of front wheels                                      |             | 230 x 75                              |
| 3.3   | Dimensions of rear wheels                                       |             | 85 x 110                              |
| 3.5.2 | Number of drive wheels / front wheels / rear wheels             |             | 1x + 3 / 2                            |
| 3.6   | Front wheel gauge   | b10         | 575 mm                                |
| 3.7   | Rear wheel gauge  | b11         | 370 mm                                |
|       | Dimensions  |             |                                       |
| 4.15  | Fork height in low position                                     | h13         | 85 mm                                 |
| 4.19  | Overall length  | l1          | 1970 mm                               |
| 4.19  | Overall length deployed platform                                | 11          | 2373 mm                               |
| 4.20  | Length to face of forks   | 12          | 821 mm                                |
| 4.20  | Length to face of forks deployed platform                       | 12          | 1224 mm                               |
| 4.21  | Overall width   | b1          | 800 mm                                |
| 4.22  | Forks section / width / length                                  | s / e / l   | 64 mm x 170 mm x 1150 mm              |
| 4.32  | Ground clearance at centre of wheelbase                         | m2          | 20 mm                                 |
| 4.33  | Aisle Width for pallets 1000 x 1200 crossways                   | Ast         | 2596 mm                               |
| 1.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast         | 2646 mm                               |
| 4.35  | Turning radius  | Wa          | 1787 mm                               |
| 4.4   | Mast lift   | h3          | 125 mm                                |
| 4.9   | Height tiller min.  | h14         | 1100 mm                               |
| 4.9   | Height tiller max.  | h14         | 1419 mm                               |
|       | Performances  |             |                                       |
| 5.1   | Travel speed (laden / unladen)                                  |             | 7.50 km/h / 9.50 km/h                 |
| 5.2   | Lifting speed (laden / unladen)                                 |             | 36 m/s / 55 m/s                       |
| 5.7   | Gradeability (laden / unladen)                                  |             | 8 % / 16 %                            |
| 5.10  | Service brake   |             | Electro magnetic                      |
| 5.11  | Parking brake   |             | Handle Release                        |
|       | Engine  |             |                                       |
| 6.1   | Drive motor rating S2 60 min                                    |             | 1.50 kW                               |
| 6.2   | Lift motor rating at S3 15%                                     |             | 2.20 kW                               |
| 6.3   | Battery according to DIN 43531/35/36 A, B, C                    |             | DIN 43535-B                           |
| 6.4   | Battery voltage / capacity                                      |             | 24 V / 270 Ah                         |
| 6.5   | Battery weight (+/- 5%)   |             | 210 kg                                |
|       | Miscellaneous   |             |                                       |
| 8.4   | Measured/guaranteed mean noise level at the ear of the operator |             | < 65 dB                               |
|       |   |             |                                       |

## EP 20P Easy - Dimensional drawing







## **Head Office**

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