Technical sheet :

## **EP 20 INOX**



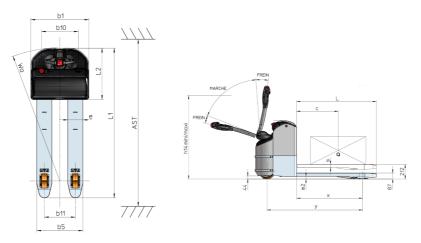


|       | Technical characteristics                                       |           |
|-------|---|-----------|
| 1.1   | Manufacturer  |           |
| 1.2   | Model Name  |           |
| 1.3   | Power source  |           |
| 1.4   | Operator type   |           |
| 1.5   | Max. capacity   | Q         |
| 1.6   | Load center of gravity  | С         |
| 1.8   | Load distance, centre of drive axle to fork                     | х         |
| 1.9   | Wheelbase   | У         |
|       | Weight  |           |
| 2.1   | Service weight  |           |
| 2.2   | Weight on front axle (laden) / rear axle (laden)                |           |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen)            |           |
|       | Wheels  |           |
| 3.1   | Tires type  |           |
| 3.2   | Dimensions of front wheels                                      |           |
| 3.3   | Dimensions of rear wheels                                       |           |
| 3.5.2 | Number of drive wheels / front wheels / rear wheels             |           |
| 3.6   | Front wheel gauge   | b10       |
| 3.7   | Rear wheel gauge  | b11       |
|       | Dimensions  |           |
| 4.15  | Fork height in low position                                     | h13       |
| 4.19  | Overall length  | 11        |
| 4.20  | Length to face of forks   | 12        |
| 4.21  | Overall width   | b1        |
| 4.22  | Forks section / width / length                                  | s / e / l |
| 4.25  | Forks spread  | b5        |
| 4.32  | Ground clearance at centre of wheelbase                         | m2        |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast       |
| 4.35  | Tuming radius   | Wa        |
| 4.4   | Mast lifting height   | h3        |
| 4.9   | Height tiller min.  | h14       |
| 4.9   | Height tiller max.  | h14       |
|       | Performances  |           |
| 5.1   | Travel speed (laden / unladen)                                  |           |
| 5.2   | Lifting speed (laden / unladen)                                 |           |
| 5.3   | Lowering speed (laden / unladen)                                |           |
| 5.7   | Gradeability (laden / unladen)                                  |           |
| 5.10  | Service brake   |           |
| 5.11  | Parking brake   |           |
|       | Engine  |           |
| 6.1   | Drive motor rating S2 60 min                                    |           |
| 6.2   | Lift motor rating at S3 15%                                     |           |
| 6.3   | Battery according to DIN 43531/35/36 A, B, C                    |           |
| 6.4   | Battery voltage / capacity                                      |           |
| 6.5   | Battery weight (+/- 5%)   |           |
|       | Miscellaneous   |           |
| 8.1   | Type of drive control   |           |
| 8.4   | Measured/guaranteed mean noise level at the ear of the operator |           |
|       | •   |           |

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|-------|--|
|       | Metric   |
|       | Manitou  |
|       | EP 20 Inox   |
|       | Electrical - Lead                                      |
|       | Pedestrian   |
| Q     | 2000 kg  |
| с     | 600 mm   |
| х     | 952 mm   |
| у     | 1379 mm  |
| ,     |  |
|       | 482 kg   |
|       | 1077 kg / 1405 kg                                      |
|       | 337 kg / 145 kg  |
|       |  |
|       | Polyurethane   |
|       | 230 x 70   |
|       | 82 x 68  |
|       | 1/2/4  |
| b10   | 435 mm   |
| b11   | 365 mm   |
|       | 303 mm   |
| h13   | 87 mm  |
| 11    | 1752 mm  |
| 12    | 601 mm   |
| b1    | 684 mm   |
| /e/l  | 45 mm x 179 mm x 1120 mm                               |
| b5    | 544 mm   |
| m2    | 40 mm  |
| Ast   | 2170 mm  |
| Wa    | 1560 mm  |
| h3    | 125 mm   |
| h14   | 870 mm   |
| h14   | 1320 mm  |
|       |  |
|       | 5 km/h / 5 km/h  |
|       | 0.02 m/s / 0.03 m/s                                    |
|       | 0.04 m/s / 0.02 m/s                                    |
|       | 10 % / 25 %  |
|       | Electro magnetic                                       |
|       | Handle Release   |
|       |  |
|       | 1.20 kW  |
|       | 1 kW   |
|       | DIN 43535-B  |
|       | 24 V / 180 Ah  |
|       | 180 kg   |
|       |  |
|       | AC   |
|       | < 75 dB  |
|       |  |
|       |  |

## EP 20 Inox - Dimensional drawing





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