Technical sheet :

## **EP 20 INOX PREMIUM**

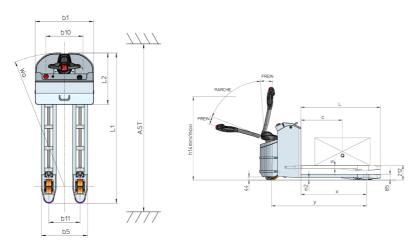




|       |   | -         |
|-------|---|-----------|
|       | Technical characteristics                                       |           |
| 1.1   | Manufacturer  |           |
| 1.2   | Model Name  |           |
| 1.3   | Power source  |           |
| 1.4   | Operator type   |           |
| 1.5   | Max. capacity   | Q         |
| 1.6   | Load center of gravity  | с         |
| 1.8   | Load distance, centre of drive axle to fork                     | x         |
| 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)            |           |
| 2.0   | Wheels  |           |
| 3.1   | Tires type  |           |
| 3.2   | Dimensions of front wheels                                      |           |
| 3.3   | Dimensions of rear wheels                                       |           |
|       |   |           |
| 3.4   | Additional wheels (dimensions)                                  |           |
| 3.5.2 | Number of drive wheels / front wheels / rear wheels             | b10       |
| 3.6   | Front wheel gauge   |           |
| 3.7   | Rear wheel gauge  | b11       |
|       | Dimensions  |           |
| 4.15  | Fork height in low position                                     | h13       |
| 4.19  | Overall length  | 1         |
| 4.20  | Length to face of forks   | 12        |
| 4.21  | Overall width   | b1        |
| 4.22  | Forks section / width / length                                  | s / e / l |
| 4.25  | Fork spread   | b5        |
| 4.32  | Ground clearance at centre of wheelbase                         | m2        |
| 4.34  | Aisle width for 800 x 1200 pallet lengthways                    | Ast       |
| 4.35  | Turning radius  | Wa        |
| 4.4   | Mastlift  | 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 |           |
|       |   |           |

| Metric                   |
|--------------------------|
| Manitou                  |
| EP 20 Inox Premium       |
| Electrical               |
| Pedestrian               |
| 2000 kg                  |
| 600 mm                   |
| 954 mm                   |
| 1379 mm                  |
|                          |
| 482 kg                   |
| 1077 kg / 1405 kg        |
| 337 kg / 145 kg          |
| 557 kg / 145 kg          |
| Bandage                  |
| 230 x 70                 |
| 82 x 68                  |
| 82 x 88<br>100 x 40      |
|                          |
| 1x + 2 / 4               |
| 435 mm                   |
| 365 mm                   |
|                          |
| 85 mm                    |
| 1750 mm                  |
| 599 mm                   |
| 680 mm                   |
| 45 mm x 175 mm x 1150 mm |
| 540 mm                   |
| 40 mm                    |
| 2005 mm                  |
| 1560 mm                  |
| 125 mm                   |
| 870 mm                   |
| 1330 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 Premium - Dimensional drawing





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