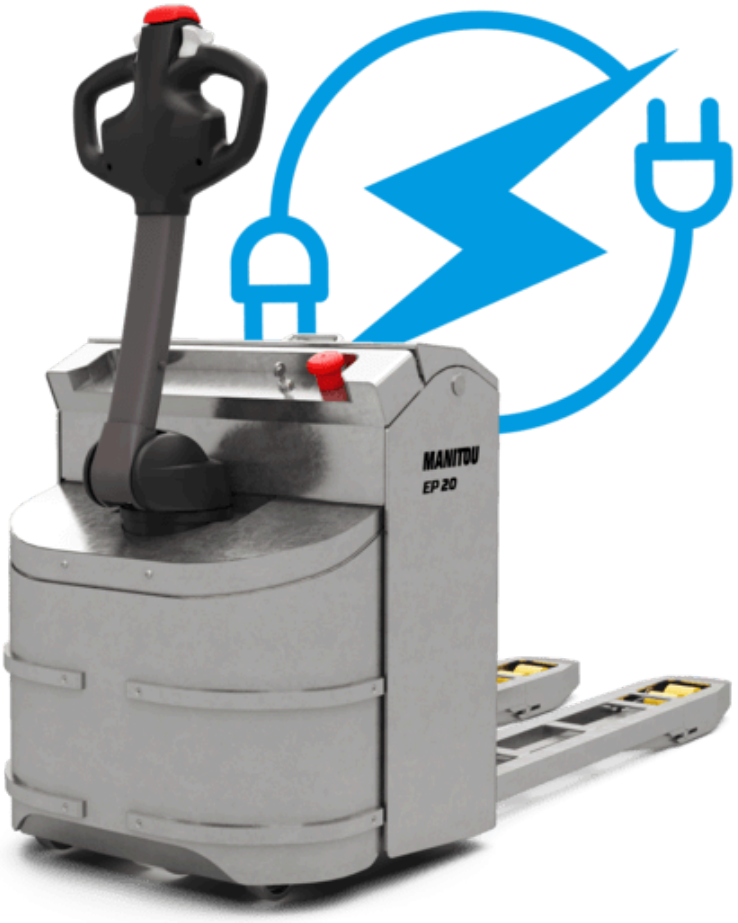
Technical sheet :

# EP 20 INOX PREMIUM

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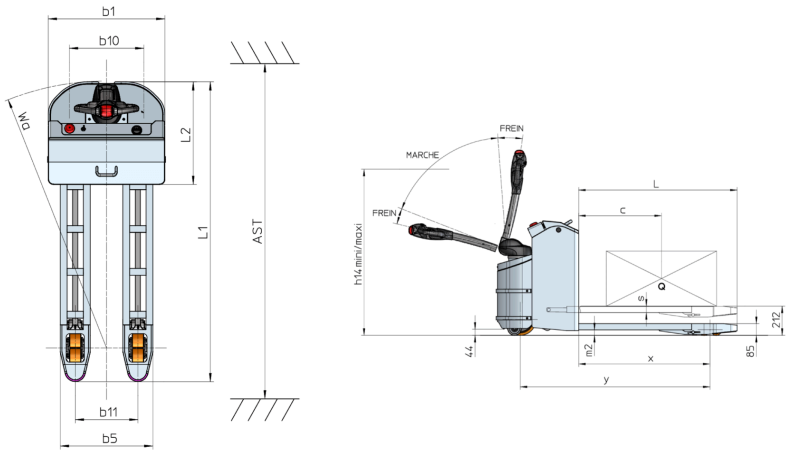
| | Technical characteristics | | Metric |
|---|---|---|---|
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | EP 20 Inox Premium |
| 1.3 | Power source | | Electrical - Lead |
| 1.4 | Operator type | | Pedestrian |
| 1.5 | Max. capacity | Q | 2000 kg |
| 1.6 | Load center of gravity | c | 600 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 954 mm |
| 1.9 | Wheelbase | y | 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 cushion |
| 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 |
| | **Dimensions** | | |
| 4.15 | Fork height in low position | h13 | 85 mm |
| 4.19 | Overall length | l1 | 1750 mm |
| 4.20 | Length to face of forks | l2 | 599 mm |
| 4.21 | Overall width | b1 | 680 mm |
| 4.22 | Forks section / width / length | s / e / l | 45 mm x 175 mm x 1150 mm |
| 4.25 | Forks spread | b5 | 540 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 | 880 mm |
| 4.9 | Height tiller max. | h14 | 1330 mm |
| | **Performances** | | |
| 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 |
| 5.11 | Parking brake | | Handle Release |
| | **Engine** | | |
| 6.1 | Drive motor rating S2 60 min | | 1.20 kW |
| 6.2 | Lift motor rating at S3 15% | | 1 kW |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | | DIN 43535-B |
| 6.4 | Battery voltage / capacity | | 24 V / 180 Ah |
| 6.5 | Battery weight (+/- 5%) | | 180 kg |
| | **Miscellaneous** | | |
| 8.1 | Type of drive control | | AC |
| 8.4 | Measured/guaranteed mean noise level at the ear of the operator | | < 75 dB |

## EP 20 Inox Premium - Dimensional drawing



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