Technical sheet:

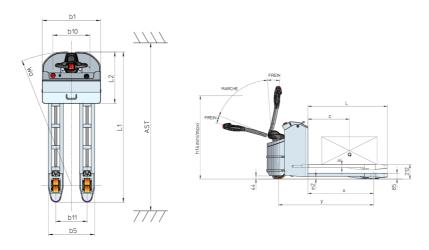
EP 20 INOX PREMIUM





| | | EP 20 INOX PREMIUM GIO | P 20 INOX PREMIUM Created on August 13, 2025 at 6.00 Aivi U | |
|--------------|---|------------------------|---|--|
| | Technical characteristics | | Metric | |
| 1.1 | Manufacturer | | Manitou | |
| 1.2 | Model Name | | EP 20 Inox Premium | |
| 1.3 | Power source | | Electrical | |
| 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 | 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, 3, | |
| 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 | |
| 3.7 | Dimensions | 511 | 303 11111 | |
| 4.15 | Fork height in low position | h13 | 85 mm | |
| 4.13 | Overall length | l1 | 1750 mm | |
| 4.19 | Length to face of forks | 12 | 599 mm | |
| | Overall width | b1 | 680 mm | |
| 4.21 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 | Tuming 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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