Technical sheet:

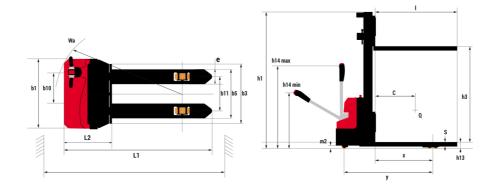
ES 112 EASY





| 1.1 | Technical characteristics | | |
|-------|---|-----------|--------------------------|
| 1.1 | | | Metric |
| | Manufacturer | | MANITOU |
| 1.2 | Model Name | | ES 112 Easy |
| 1.3 | Power source | | Electrical |
| 1.4 | Operator type | | Pedestrian |
| 1.5 | Max. capacity | Q | 1200 kg |
| 1.6 | Load center of gravity | c | 600 mm |
| 1.8 | Distance from Load backrest to center of rear axle | x | 798 mm |
| 1.9 | Wheelbase | y | 1198 mm |
| 1.5 | Weight | , | 1190 11111 |
| 2.1 | Service weight | | 610 kg |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 645 kg / 1165 kg |
| 2.3 | Weight on front axle (Inladen) / rear axle (Unladen) | | |
| 2.3 | . , , , , | | 448 kg / 162 kg |
| 0.1 | Wheels | | 5.1 |
| 3.1 | Tires type | | Polyurethane |
| 3.3 | Number of load wheels / Size of load wheels | | 4 / 80x64 |
| 3.4 | Number of stabilizer wheels / Size of the stabilizer wheels | | 1 / 80 x 64 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 4 |
| 3.5.2 | Number of drive wheels / Size of drive wheels | | 1/210x70 |
| 3.6 | Front wheel gauge | b10 | 566 mm |
| 3.7 | Rear wheel gauge | b11 | 396 mm |
| | Dimensions | | |
| 4.2 | Mast lowered height | h1 | 1924 mm |
| 4.4 | Mast lifting height | h3 | 2700 mm |
| 4.5 | Mast extended height | h4 | 3274 mm |
| 4.15 | Fork height in low position | h13 | 85 mm |
| 4.19 | Overall length | l1 | 1700 mm |
| 4.20 | Length to face of forks | 12 | 560 mm |
| 4.21 | Overall width | b1 | 800 mm |
| 4.22 | Forks section / width / length | s / e / I | 60 mm / 170 mm / 1150 mm |
| 4.24 | Fork carriage width | b3 | 680 mm |
| 4.25 | Forks spread | b5 | 560 mm |
| 4.31 | Ground clearance below mast | m1 | 26 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 26 mm |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast | 2226 mm |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 2169 mm |
| 4.35 | Turning radius | Wa | 1402 mm |
| | Performances | | |
| 5.1 | Travel speed (laden / unladen) | | 4.50 km/h / 5 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.11 m/s / 0.15 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.12 m/s / 0.12 m/s |
| 5.8 | Max Gradeability (laden / unladen) | | 6 % / 10 % |
| 5.10 | Service brake | | Electro magnetic |
| 0.10 | Engine | | Licoto magnetto |
| 6.1 | Drive motor rating S2 60 min | | 0.65 kW |
| 6.2 | Lift motor rating at S3 15% | | 2.20 kW |
| 6.4 | Battery voltage / capacity | | 2.20 kW 24 V / 60 Ah |
| 0.4 | | | Lithium-ion |
| 6 E | Battery technology | | |
| 6.5 | Battery weight (+/- 5%) | | 18 kg |
| 0.1 | Miscellaneous | | |
| 8.1 | Type of drive control | | DC 65 dB |

ES 112 Easy - Dimensional drawing







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