Technical sheet:

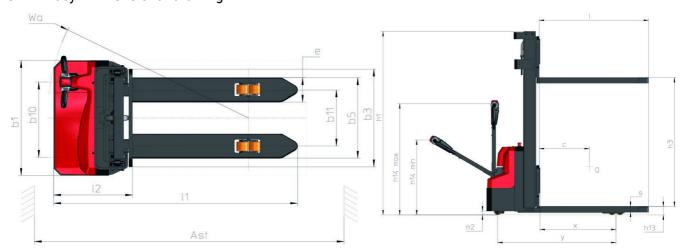
ES 112 EASY





| | | ESTIZEAST CICAL | ES 112 EASY Cleated Off May 10, 2024 at 12.36.21 AWI OT | |
|-------|---|-----------------|---|--|
| | Technical characteristics | | Metric | |
| 1.1 | 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 | С | 600 mm | |
| 1.8 | Distance from Load backrest to center of rear axle | x | 795 mm | |
| 1.9 | Wheelbase | у | 1188 mm | |
| | Weight | | | |
| 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 (Unladen) / rear axle (Unladen) | | 448 kg / 162 kg | |
| | Wheels | | | |
| 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 / 80x64 | |
| 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 | | | |
| 4.15 | Fork height in low position | h13 | 85 mm | |
| 4.19 | Overall length | l1 | 1698 mm | |
| 4.20 | Length to face of forks | 12 | 555 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 | |
| 4.31 | 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 | 2161 mm | |
| 4.35 | Turning radius | Wa | 1392 mm | |
| | Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 4.20 km/h / 4.50 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 | |
| | Engine | | | |
| 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 | | 24 V / 60 Ah | |
| | Battery technology | | Lithium-ion | |
| 6.5 | Battery weight (+/- 5%) | | 18 kg | |
| | Miscellaneous | | | |
| 8.1 | Type of drive control | | DC | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 65 dB | |

ES 112 Easy - Dimensional drawing



Characteristics of masts and residual capacities

| Central Cylinder Duplex (CCD) | | CCD 27 | CCD 36 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1924 | 2458 |
| h3 - Mast lifting height | mm | 2700 | 3600 |
| h4 - Mast extended height | mm | 3274 | 4258 |
| Residual canacity at max height | kn | 1000 | 600 |

| Central Cylinder Simplex (CCS) | CCS 15 | |
|---------------------------------|--------|------|
| h1 - Mast lowered height | mm | 1992 |
| h2 - Mast free lift | mm | 1475 |
| h3 - Mast lifting height | mm | 1500 |
| h4 - Mast extended height | mm | 2015 |
| Residual capacity at max height | kg | 1200 |





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