Technical sheet :

## ES 112 EASY

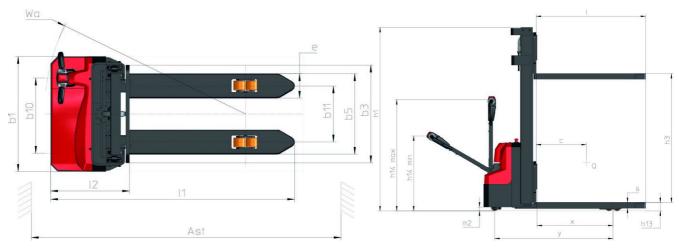




|            | Technical characteristics                                   |
|------------|---|
| 1.1        | Manufacturer  |
| 1.2        | Model Name  |
| .3         | Power source  |
| 1.4        | Operator type   |
| 1.5        | Max. capacity   |
| 1.6        | Load center of gravity                                      |
| 1.8        | Distance from Load backrest to center of rear axle          |
| 1.9        | Wheelbase   |
|            | 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)        |
| 210        | Wheels  |
| 3.1        | Tires type  |
| 3.3        | Number of load wheels / Size of load wheels                 |
| 3.4        | Number of stabilizer wheels / Size of the stabilizer wheels |
| .5         | Number of front wheels / rear wheels                        |
| .5.2       | Number of drive wheels / Size of drive wheels               |
| 3.6        | Front wheel gauge   |
| 3.7        | Rear wheel gauge  |
|            | Dimensions  |
| .15        | Fork height in low position                                 |
| .19        | Overall length  |
| 20         | Length to face of forks                                     |
| 21         | Overall width   |
| 2          | Forks section / width / length                              |
| 4          | Fork carriage width   |
| 31         | Ground clearance below mast                                 |
| 2          | Ground clearance at centre of wheelbase                     |
| 33         | Aisle Width for pallets 1000 x 1200 crossways               |
| 4          | Aisle width for 800 x 1200 pallet lengthways                |
| 35         | Turning radius  |
|            | Performances  |
| 1          | Travel speed (laden / unladen)                              |
| 2          | Lifting speed (laden / unladen)                             |
| .3         | Lowering speed (laden / unladen)                            |
| .8         | Max Gradeability (laden / unladen)                          |
| 10         | Service brake   |
|            | Engine  |
| .1         | Drive motor rating S2 60 min                                |
| .2         | Lift motor rating at S3 15%                                 |
| <b>.</b> 4 | Battery voltage / capacity                                  |
|            | Battery technology  |
| 6.5        | Battery weight (+/- 5%)                                     |
|            | Miscellaneous   |
| 8.1        | Type of drive control                                       |
| 3.4        | Sound level at the driver's ear according to DIN 12 053     |
|            | ······································                      |

| EASY   | r Created on May 21, 2024 at 4:19:21 AM UTC  |
|--------|--|
|        | Metric                                       |
|        | MANITOU                                      |
|        | ES 112 Easy                                  |
|        | Electrical                                   |
|        | Pedestrian                                   |
|        | 1200 kg                                      |
|        | 600 mm                                       |
|        | 795 mm                                       |
|        | 1188 mm                                      |
|        |  |
|        | 610 kg                                       |
|        | 645 kg / 1165 kg                             |
|        | 448 kg / 162 kg                              |
|        |  |
|        | Polyurethane                                 |
|        | 4 / 80x64                                    |
|        | 1 / 80x64                                    |
|        | 2 / 4  |
| 0      | 1/210x70<br>566 mm                           |
| 0<br>1 | 396 mm                                       |
|        | 350 mm                                       |
| 3      | 85 mm  |
| 1      | 1698 mm                                      |
| 2      | 555 mm                                       |
| 1      | 800 mm                                       |
| e / I  | 60 mm / 170 mm / 1150 mm                     |
| 3      | 680 mm                                       |
| 1      | 26 mm  |
| 2      | 26 mm  |
| st     | 2226 mm                                      |
| st     | 2161 mm                                      |
| а      | 1392 mm                                      |
|        | 4.00 here the ( 4.50 here the                |
|        | 4.20 km/h / 4.50 km/h<br>0.11 m/s / 0.15 m/s |
|        | 0.11 m/s / 0.15 m/s<br>0.12 m/s / 0.12 m/s   |
|        | 6 % / 10 %                                   |
|        | Electro magnetic                             |
|        |  |
|        | 0.65 kW                                      |
|        | 2.20 kW                                      |
|        | 24 V / 60 Ah                                 |
|        | Lithium-ion                                  |
|        | 18 kg  |
|        |  |
|        | DC   |
|        | 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 capacity at max height | kg | 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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