Technical sheet:

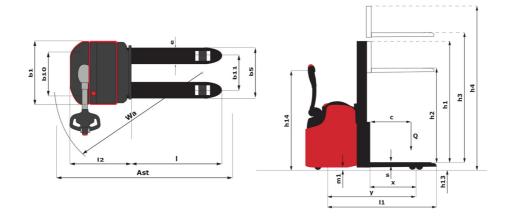
## ES 725





|              |   | ES /25 U  | reated on 8 May 2024 at 8:29:49 AM |
|--------------|---|-----------|------------------------------------|
|              | Technical characteristics                                   |           | Metric                             |
| 1.1          | Manufacturer  |           | Manitou                            |
| 1.2          | Model Name  |           | ES 725                             |
| 1.3          | Power source  |           | Electrical                         |
| 1.4          | Operator type   |           | Pedestrian                         |
| 1.5          | Max. capacity   | Q         | 2500 kg                            |
| 1.6          | Load center of gravity                                      | С         | 600 mm                             |
| 1.8          | Distance from Load backrest to center of rear axle          | Х         | 655 mm                             |
| 1.9          | Wheelbase   | у         | 1156 mm                            |
|              | Weight  |           |                                    |
| 2.1          | Service weight  |           | 1280 kg                            |
|              | Wheels  |           |                                    |
| 3.1          | Tires type  |           | Polyurethane                       |
| 3.3          | Number of load wheels / Size of load wheels                 |           | 2 / 78x78                          |
| 3.4          | Number of castor wheels                                     |           | 1                                  |
| 3.4          | Number of stabilizer wheels / Size of the stabilizer wheels |           | 2 / 150x50                         |
| 3.5          | Number of front wheels / rear wheels                        |           | 2 / 4                              |
| .5.2         | Number of drive wheels / Size of drive wheels               |           | 1/320x110                          |
| 3.6          | Front wheel gauge   | b10       | 844 mm                             |
| 3.7          | Rear wheel gauge  | b11       | 370 mm                             |
| 3.7          | Dimensions  | 511       | 370 11111                          |
| 1.15         | Fork height in low position                                 | h13       | 90 mm                              |
| 1.19         | Overall length  | l1        | 1915 mm                            |
| 1.20         | Length to face of forks                                     | 12        | 765 mm                             |
| 1.21         | Overall width   | b1        | 974 mm                             |
| 1.22         | Forks section / width / length                              | s / e / l | 70 mm / 210 mm / 1150 mm           |
| +.22<br>4.24 | Fork carriage width   | b3        | 840 mm                             |
| 1.31         | Ground clearance below mast                                 | m1        | 30 mm                              |
|              |   |           | 30 mm                              |
| 1.32         | Ground clearance at centre of wheelbase                     | m2        |                                    |
| 1.35         | Turning radius  | Wa        | 1472 mm                            |
| 4.9          | Height tiller min. / max.                                   | h14 / h14 | 900 mm / 1400 mm                   |
| - a          | Performances  |           | 4001 11 151 11                     |
| 5.1          | Travel speed (laden / unladen)                              |           | 4.90 km/h / 6 km/h                 |
| 5.2          | Lifting speed (lader / unladen)                             |           | 0.08 m/s / 0.15 m/s                |
| 5.3          | Lowering speed (laden / unladen)                            |           | 0.15 m/s / 0.11 m/s                |
| 5.8          | Max Gradeability (laden / unladen)                          |           | 4 % / 7 %                          |
| 5.10         | Service brake   |           | Electro magnetic                   |
|              | Engine  |           |                                    |
| 6.1          | Drive motor rating S2 60 min                                |           | 1.20 kW                            |
| 6.2          | Lift motor rating at S3 15%                                 |           | 3 kW                               |
| 6.3          | Battery according to DIN 43531/35/36 A, B, C                |           | Traction                           |
| 6.4          | Battery voltage / capacity                                  |           | 24 V / 189 Ah                      |
| 6.5          | Battery weight (+/- 5%)                                     |           | 190 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 725 - Dimensional drawing



## Characteristics of masts and residual capacities

| Visibilité totale Simplex (FVS) |    | FVS 14 |
|---------------------------------|----|--------|
| h1 - Mast lowered height        | mm | 1930   |
| h2 - Mast free lift             | mm | 1490   |
| h3 - Mast lifting height        | mm | 1490   |
| h4 - Mast extended height       | mm | 1930   |
| Residual capacity at max height | kg | 2500   |
| Height at max capacity          | mm | 1490   |

| Full Visibility Duplex (FVD)    |    | FVD 27 |
|---------------------------------|----|--------|
| h1 - Mast lowered height        | mm | 1900   |
| h2 - Mast free lift             | mm | 77     |
| h3 - Mast lifting height        | mm | 2700   |
| h4 - Mast extended height       | mm | 3240   |
| Residual capacity at max height | kg | 2500   |
| Height at max capacity          | mm | 2760   |





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