Technical sheet :

## ES 720 4W



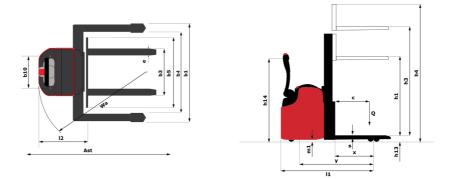


|       | Technical characteristics   |             |
|-------|---|-------------|
| 1.1   | Manufacturer  |             |
| 1.2   | Model Name  |             |
| 1.3   | Power source  |             |
| 1.4   | Operator type   |             |
| 1.5   | Max. capacity   | Q           |
| 1.6   | Load center of gravity  | С           |
| 1.8   | Load distance, centre of drive axle to fork (low/raised) - Low position | Х           |
| 1.9   | Wheelbase   | у           |
|       | Wheels  |             |
| 3.1   | Tires type  |             |
| 3.4   | Size of castor wheels   |             |
| 3.5   | Number of front wheels / rear wheels                                    |             |
| 3.5.2 | Number of drive wheels  |             |
| 3.6   | Front wheel gauge   | b10         |
| 3.7   | Rear wheel gauge  | b11         |
| 0     | Dimensions  |             |
| 4.10  | Height of wheel arms  | h8          |
| 4.15  | Fork height in low position   | h13         |
| 4.19  | Overall length  | 1           |
| 4.20  | Length to face of forks   | 12          |
| 4.21  | Overall width   | b1          |
| 4.22  | Forks section / width / length  | s/e/l       |
| 4.26  | Distance between wheel arms/loading surfaces                            | 57671<br>b4 |
| 4.24  | Fork carriage width   | b4<br>b3    |
| 4.32  | Ground clearance at centre of wheelbase                                 | m2          |
| 4.33  | Aisle Width for pallets 1000 x 1200 crossways                           | Ast         |
| 4.33  | Aisle width for 800 x 1200 pallet lengthways                            | Ast         |
| 4.34  | Tuming radius   | Wa          |
| 4.33  | Height tiller min. / max.   | h14 / h1    |
| 4.9   | Performances  | 1114 / 111  |
| 5.1   | Travel speed (laden / unladen)  |             |
| 5.1   | Lifting speed (laden / unladen)   |             |
| 5.3   |   |             |
| 5.10  | Lowering speed (laden / unladen)<br>Service brake                       |             |
| 5.10  | Engine  |             |
| 6.1   | Drive motor rating S2 60 min  |             |
|       | -   |             |
| 6.2   | Lift motor rating at S3 15%   |             |
| 6.3   | Battery according to DIN 43531/35/36 A, B, C                            |             |
| 6.4   | Battery voltage / capacity  |             |
| 6.4.1 | Battery max. capacity   |             |
| 6.5   | Battery weight (+/- 5%)   |             |
| 6.5.1 | Battery max, weight   |             |
| 0.1   | Miscellaneous   |             |
| 8.1   | Type of drive control   |             |
| 8.4   | Sound level at the driver's ear according to DIN 12 053                 |             |

| ES 720 4  | w Created on July 30, 2025 at 4:23 PM UTC |
|-----------|---|
|           | Metric                                    |
|           | MANITOU                                   |
|           | ES 720 4W                                 |
|           | Electrical                                |
|           | Pedestrian                                |
| Q         | 2000 kg                                   |
| С         | 600 mm                                    |
| x         | 690 mm<br>1194 mm                         |
| у         | 1 1 94 11111                              |
|           | Polyurethane                              |
|           | 125 x (2x50)                              |
|           | 5 / 4                                     |
|           | 1   |
| b10       | 878 mm                                    |
| b11       | 1610 mm                                   |
|           |   |
| h8        | 200 mm                                    |
| h13       | 50 mm                                     |
| 11        | 1775 mm                                   |
| 12        | 825 mm                                    |
| b1        | 1810 mm                                   |
| s/e/l     | 40 mm / 120 mm / 1150 mm                  |
| b4        | 1450 mm                                   |
| b3<br>m2  | 1410 mm<br>50 mm                          |
| Ast       | 2664 mm                                   |
| Ast       | 2664 mm                                   |
| Wa        | 1476 mm                                   |
| n14 / h14 | 1030 mm / 1490 mm                         |
|           |   |
|           | 6 km/h / 6 km/h                           |
|           | 0.14 m/s / 0.24 m/s                       |
|           | 0.30 m/s / 0.20 m/s                       |
|           | Electro magnetic                          |
|           |   |
|           | 1.20 kW<br>3 kW                           |
|           | 3 KW<br>DIN 43535-B                       |
|           | 24 V / 160 Ah                             |
|           | 24 V 7 100 An<br>250 A                    |
|           | 165 kg                                    |
|           | 215 kg                                    |
|           | 210 Kg                                    |
|           | Variator                                  |
|           | 70 dB                                     |
|           |   |

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## ES 720 4W - Dimensional drawing



## Characteristics of masts and residual capacities

| Central Cylinder Simplex (CCS)  |    | CCS 15 | CCS 17 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height        | mm | 1939   | 2189   |
| h3 - Mast lifting height        | mm | 1466   | 1716   |
| h4 - Mast extended height       | mm | 1946   | 2196   |
| Residual capacity at max height | kg | 2000   | 2000   |
| Height at max capacity          | mm | 1510   | 1760   |

| Full Visibility Duplex (FVD)    |    | FVD 29 | FVD 34 | FVD 38 |
|---------------------------------|----|--------|--------|--------|
| h1 - Mast lowered height        | mm | 1939   | 2189   | 2389   |
| h3 - Mast lifting height        | mm | 2896   | 3396   | 3796   |
| h4 - Mast extended height       | mm | 3376   | 2876   | 4276   |
| Residual capacity at max height | kg | 2000   | 1800   | 1600   |
| Height at max capacity          | mm | 2940   |        |        |

| Free Lift Duplex (FLD)          |    | FLD 29 | FLD 34 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height        | mm | 1939   | 2189   |
| h2 - Mast free lift             | mm | 1466   | 1716   |
| h3 - Mast lifting height        | mm | 2891   | 3391   |
| h4 - Mast extended height       | mm | 3371   | 3871   |
| Residual capacity at max height | kg | 2000   | 1700   |
| Height at max capacity          | mm | 2930   |        |

| Free Lift Triplex (FLT)         |    | FLT 42 |
|---------------------------------|----|--------|
| h1 - Mast lowered height        | mm | 1897   |
| h2 - Mast free lift             | mm | 1426   |
| h3 - Mast lifting height        | mm | 4206   |
| h4 - Mast extended height       | mm | 4709   |
| Residual capacity at max height | kg | 1300   |



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