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 | c |
| 1.8 | Load distance, centre of drive axle to fork (low/raised) - Low position | x |
| 1.9 | Wheelbase | y |
| | 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 | b10 |
| 5.7 | Dimensions | |
| 4.10 | Height of wheel arms | h8 |
| 4.10 | Fork height in low position | h13 |
| 4.19 | Overall length | 11 |
| 4.19 | Length to face of forks | 12 |
| 4.20 | Overall width | b1 |
| 4.21 | Forks section / width / length | s/e/ |
| 4.22 | Distance between wheel arms/loading surfaces | s/e/ |
| 4.20 | Fork carriage width | b4 b3 |
| 4.24 | Ground clearance at centre of wheelbase | m2 |
| 4.32 | | Ast |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Wa |
| 4.35 | Tuming radius | |
| 4.9 | Height tiller min. / max. | h14 / h1 |
| E 1 | Performances | |
| 5.1 | Travel speed (laden / unladen) | |
| 5.2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.10 | Service brake | |
| (1 | Engine Drive material 20 C min | |
| 6.1 | Drive motor rating S2 60 min | |
| 6.2 | Lift motor rating at \$3 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 4W | r Created on July 19, 2025 at 8:07 AM UTC | | | | |
|-------------|---|--|--|--|--|
| Metric | | | | | |
| | MANITOU | | | | |
| | ES 720 4W | | | | |
| | Electrical | | | | |
| | Pedestrian | | | | |
| Q | 2000 kg | | | | |
| C | 600 mm | | | | |
| x | 690 mm | | | | |
| у | 1194 mm | | | | |
| , | | | | | |
| | Polyurethane | | | | |
| | 125 x (2x50) | | | | |
| | 5/4 | | | | |
| | 1 | | | | |
| b10 | 878 mm | | | | |
| b11 | 1610 mm | | | | |
| 511 | | | | | |
| 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 | 140 mm | | | | |
| b4 b3 | 1430 mm | | | | |
| m2 | 50 mm | | | | |
| Ast | 2664 mm | | | | |
| Ast | 2664 mm | | | | |
| Wa | 1476 mm | | | | |
| h14 / h14 | 1030 mm / 1490 mm | | | | |
| 1114 / 1114 | 1030 1111 / 1490 1111 | | | | |
| | 6 km/h / 6 km/h | | | | |
| | 0.14 m/s / 0.24 m/s | | | | |
| | 0.30 m/s / 0.20 m/s | | | | |
| | Electro magnetic | | | | |
| | Liecuo magnetic | | | | |
| | 1.20 kW | | | | |
| | 3 kW | | | | |
| | DIN 43535-B | | | | |
| | 24 V / 160 Ah | | | | |
| | 250 A | | | | |
| | 165 kg | | | | |
| | 215 kg | | | | |
| | 213 Ky | | | | |
| | Variator | | | | |
| | 70 dB | | | | |
| | 70 UD | | | | |

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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