

Technical sheet :

# ES 730



| Technical characteristics |                                                                         |           | Metric                   |
|---------------------------|-------------------------------------------------------------------------|-----------|--------------------------|
| 1.1                       | Manufacturer                                                            |           | MANITOU                  |
| 1.2                       | Model Name                                                              |           | ES 730                   |
| 1.3                       | Power source                                                            |           | Electrical               |
| 1.4                       | Operator type                                                           |           | Pedestrian               |
| 1.5                       | Max. capacity                                                           | Q         | 3000 kg                  |
| 1.6                       | Load center of gravity                                                  | c         | 600 mm                   |
| 1.8                       | Load distance, centre of drive axle to fork (low/raised) - Low position | x         | 655 mm                   |
| 1.9                       | Wheelbase                                                               | y         | 1104 mm                  |
| <b>Weight</b>             |                                                                         |           |                          |
| 2.1                       | Service weight                                                          |           | 1695 kg                  |
| <b>Wheels</b>             |                                                                         |           |                          |
| 3.1                       | Tires type                                                              |           | Polyurethane             |
| 3.5                       | Number of front wheels / rear wheels                                    |           | 3 / 4                    |
| 3.5.2                     | Number of drive wheels                                                  |           | 1                        |
| 3.6                       | Front wheel gauge                                                       | b10       | 878 mm                   |
| 3.7                       | Rear wheel gauge                                                        | b11       | 370 mm                   |
| <b>Dimensions</b>         |                                                                         |           |                          |
| 4.15                      | Fork height in low position                                             | h13       | 90 mm                    |
| 4.19                      | Overall length                                                          | l1        | 1920 mm                  |
| 4.20                      | Length to face of forks                                                 | l2        | 771 mm                   |
| 4.21                      | Overall width                                                           | b1        | 1080 mm                  |
| 4.22                      | Forks section / width / length                                          | s / e / l | 80 mm / 210 mm / 1150 mm |
| 4.31                      | Ground clearance below mast                                             | m1        | 19 mm                    |
| 4.33                      | Aisle Width for pallets 1000 x 1200 crossways                           | Ast       | 2487 mm                  |
| 4.35                      | Turning radius                                                          | Wa        | 1595 mm                  |
| 4.9                       | Height tiller min. / max.                                               | h14 / h14 | 1030 mm / 1490 mm        |
| <b>Performances</b>       |                                                                         |           |                          |
| 5.1                       | Travel speed (laden / unladen)                                          |           | 6 km/h / 6 km/h          |
| 5.10                      | Service brake                                                           |           | Electro magnetic         |
| <b>Engine</b>             |                                                                         |           |                          |
| 6.1                       | Drive motor rating S2 60 min                                            |           | 2 kW                     |
| 6.2                       | Lift motor rating at S3 15%                                             |           | 4 kW                     |
| 6.3                       | Battery according to DIN 43531/35/36 A, B, C                            |           | DIN 43535-B              |
| 6.4                       | Battery voltage / capacity                                              |           | 24 V / 315 Ah            |
| <b>Miscellaneous</b>      |                                                                         |           |                          |
| 8.1                       | Type of drive control                                                   |           | Variator                 |
| 8.4                       | Sound level at the driver's ear according to DIN 12 053                 |           | 70 dB                    |

ES 730 - 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 | 3000   |
| 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 | 3000   |
| Height at max capacity          | mm | 2760   |



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