

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 |
| | Weight | | |
| 2.1 | Service weight | | 1695 kg |
| | Wheels | | |
| 3.1 | Tires type | | Polyurethane |
| 3.4 | Number of castor wheels | | 2 |
| 3.4 | Size of the stabilizer wheels | | 254 x 50 |
| 3.5 | Number of front wheels / rear wheels | | 3 / 4 |
| 3.5.2 | Number of drive wheels / Size of drive wheels | | 1/254 x 100 |
| 3.6 | Front wheel gauge | b10 | 878 mm |
| 3.7 | Rear wheel gauge | b11 | 370 mm |
| | Dimensions | | |
| 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 | 2390 mm |
| 4.34 | Aisle Width for pallets 800 x 1200 crossways | Ast | 2345 mm |
| 4.35 | Turning radius | Wa | 1468 mm |
| 4.9 | Height tiller min. / max. | h14 / h14 | 1030 mm / 1490 mm |
| | Performances | | |
| 5.1 | Travel speed (laden / unladen) | | 6 km/h / 6 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.11 m/s / 0.20 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.22 m/s / 0.21 m/s |
| 5.8 | Max Gradeability (laden / unladen) | | 5 % / 8 % |
| 5.10 | Service brake | | Electro magnetic |
| | Engine | | |
| 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 / 250 Ah |
| | Miscellaneous | | |
| 8.1 | Type of drive control | | AC |
| 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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