

Technical sheet :

ES 730



| Technical characteristics | | Metric | |
|---------------------------|-------------------------------------------------------------------------|-----------|--------------------------|
| 1.1 | Manufacturer | | MANITOU |
| 1.2 | Model Name | | ES 730 |
| 1.3 | Power source | | Electrical - Lead |
| 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 cushion |
| 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 | 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 | 1905 |
| h2 - Mast free lift | mm | 1380 |
| h3 - Mast lifting height | mm | 1400 |
| h4 - Mast extended height | mm | 1950 |
| Residual capacity at max height | kg | 3000 |
| Height at max capacity | mm | 1470 |

| 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 |

**Head Office**

B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes