

Technical sheet :

ES 725



 **MANITOU**
HANDLING YOUR WORLD

| Technical characteristics | | | Metric | |
|---------------------------|---|-----------|--------|--------------------------|
| 1.1 | Manufacturer | | | Manitou |
| 1.2 | Model Name | | | ES 725 |
| 1.3 | Power source | | | Electrical - Lead |
| 1.4 | Operator type | | | Pedestrian |
| 1.5 | Max. capacity | Q | | 2500 kg |
| 1.6 | Load center of gravity | c | | 600 mm |
| 1.8 | Distance from Load backrest to center of rear axle | x | | 655 mm |
| 1.9 | Wheelbase | y | | 1104 mm |
| Weight | | | | |
| 2.1 | Service weight | | | 1675 kg |
| Wheels | | | | |
| 3.1 | Tires type | | | Polyurethane cushion |
| 3.3 | Number of load wheels / Size of load wheels | | | 4 / 125 x 50 |
| 3.4 | Number of castor wheels | | | 1 |
| 3.4 | Number of stabilizer wheels / Size of the stabilizer wheels | | | 2 / 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 | | 90 mm / 190 mm / 1150 mm |
| 4.24 | Fork carriage width | b3 | | 800 mm |
| 4.31 | Ground clearance below mast | m1 | | 22 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | | 22 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 | | 2487 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) | | | 0.08 m/s / 0.15 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 |
| 6.5 | Battery weight (+/- 5%) | | | 276 kg |
| 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 725 - 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 | 2500 |
| 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 | 2500 |
| Height at max capacity | mm | 2760 |

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