Technical sheet:

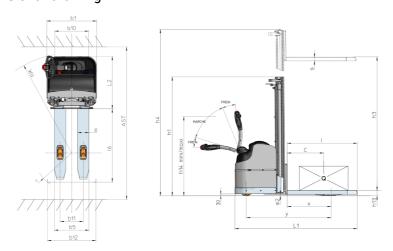
## ES 614 LI 5P INOX





|              |   | ES 614 LI 5P INOX CTE | ated on May 13, 2024 at 2:13:14 AM t |
|--------------|---|-----------------------|--------------------------------------|
|              | Technical characteristics                                   |                       | Metric                               |
| 1.1          | Manufacturer  |                       | Manitou                              |
| 1.2          | Model Name  |                       | ES 614 LI 5P Inox                    |
| 1.3          | Power source  |                       | Electrical                           |
| 1.4          | Operator type   |                       | Pedestrian                           |
| 1.5          | Max. capacity   | Q                     | 1400 kg                              |
| 1.6          | Load center of gravity                                      | c                     | 600 mm                               |
| 1.8          | Distance from Load backrest to center of rear axle          | X                     | 723 mm                               |
| 1.9          | Wheelbase   | у                     | 1393 mm                              |
|              | Weight  |                       |                                      |
| 2.1          | Service weight  |                       | 1300 kg                              |
| 2.2          | Weight on front axle (laden) / rear axle (laden)            |                       | 1025 kg / 1690 kg                    |
| 2.3          | Weight on front axle (Unladen) / rear axle (Unladen)        |                       | 925 kg / 375 kg                      |
|              | Wheels  |                       |                                      |
| 3.1          | Tires type  |                       | Bandage                              |
| 3.3          | Number of load wheels / Size of load wheels                 |                       | 4 / 82x68                            |
| 3.4          | Number of stabilizer wheels / Size of the stabilizer wheels |                       | 2 / 120x54                           |
| 3.5          | Number of front wheels / rear wheels                        |                       | 3 / 4                                |
| 3.5.2        | Number of drive wheels / Size of drive wheels               |                       | 1/230x70                             |
| 3.6          | Front wheel gauge   | b10                   | 558 mm                               |
| 3.7          | Rear wheel gauge  | b11                   | 381 mm                               |
| 3.7          | Dimensions  | 011                   | 301 111111                           |
| 4.15         | Fork height in low position                                 | h13                   | 87 mm                                |
| 4.19         | Overall length  | l1                    | 2009 mm                              |
| 4.19         | Length to face of forks                                     | 12                    | 859 mm                               |
| 4.21         | Overall width   | b1                    | 820 mm                               |
| 4.22         | Forks section / width / length                              | s / e / l             | 60 mm / 189 mm / 1150 mm             |
| 4.24         | Fork carriage width   | b3                    | 700 mm                               |
| 4.24         | Ground clearance at centre of wheelbase                     | m2                    | 24 mm                                |
|              |   |                       |                                      |
| 4.34<br>4.35 | Aisle width for 800 x 1200 pallet lengthways                | Ast<br>Wa             | 2452 mm<br>1637 mm                   |
|              | Tuming radius   |                       |                                      |
| 4.9          | Height tiller min. / max.                                   | h14 / h14             | 750 mm / 1250 mm                     |
| 5.4          | Performances  |                       |                                      |
| 5.1          | Travel speed (laden / unladen)                              |                       | 6 km/h / 6 km/h                      |
| 5.2          | Lifting speed (laden / unladen)                             |                       | 0.18 m/s / 0.30 m/s                  |
| 5.3          | Lowering speed (laden / unladen)                            |                       | 0.27 m/s / 0.22 m/s                  |
| 5.8          | Max Gradeability (laden / unladen)                          |                       | 7 % / 10 %                           |
| 5.10         | Service brake   |                       | Electro magnetic                     |
| 6.1          | Engine  |                       | 1 FO I-W                             |
| 6.1          | Drive motor rating \$2.60 min                               |                       | 1.50 kW                              |
| 6.2          | Lift motor rating at S3 15%                                 |                       | 3 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%)                                     |                       | 213 kg                               |
|              | Miscellaneous   |                       |                                      |
| 8.1          | Type of drive control                                       |                       | AC                                   |
| 8.4          | Sound level at the driver's ear according to DIN 12 053     |                       | 65 dB                                |

## ES 614 LI 5P Inox - Dimensional drawing



## Characteristics of masts and residual capacities

| Central Cylinder Duplex (CCD)   |    | CCD 29 |
|---------------------------------|----|--------|
| h1 - Mast lowered height        | mm | 1950   |
| h3 - Mast lifting height        | mm | 2850   |
| h4 - Mast extended height       | mm | 3390   |
| Residual capacity at max height | kg | 1300   |





## **Head Office**

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