

Technical sheet :

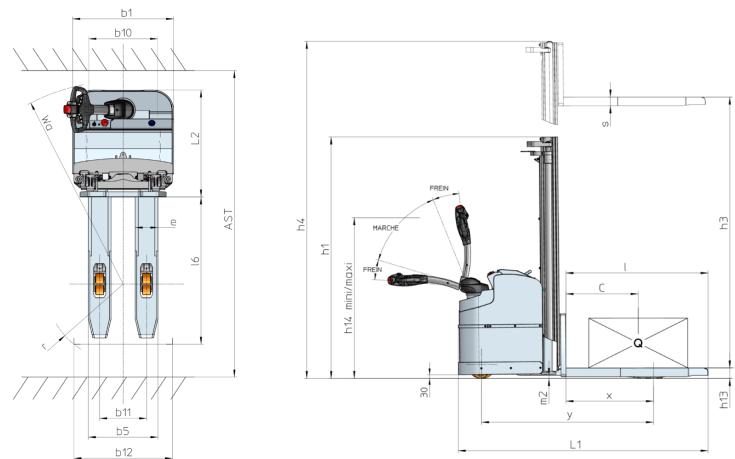
ES 614 LI 5P INOX PREMIUM



 **MANITOU**
HANDLING YOUR WORLD

| Technical characteristics | | Metric | |
|---------------------------|---|--------------------------|---------------------------|
| 1.1 | Manufacturer | Manitou | ES 614 LI 5P Inox Premium |
| 1.2 | Model Name | Electrical - Lead | |
| 1.3 | Power source | Pedestrian | |
| 1.4 | Operator type | 1400 kg | |
| 1.5 | Max. capacity | 600 mm | |
| 1.6 | Load center of gravity | 710 mm | |
| 1.8 | Distance from Load backrest to center of rear axle | 1393 mm | |
| 1.9 | Wheelbase | | |
| Weight | | Weight | |
| 2.1 | Service weight | 1310 kg | |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | 1035 kg / 1690 kg | |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | 935 kg / 375 kg | |
| Wheels | | Wheels | |
| 3.1 | Tires type | Polyurethane cushion | |
| 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 | 558 mm | |
| 3.7 | Rear wheel gauge | 381 mm | |
| Dimensions | | Dimensions | |
| 4.15 | Fork height in low position | 87 mm | |
| 4.19 | Overall length | 2044 mm | |
| 4.20 | Length to face of forks | 894 mm | |
| 4.21 | Overall width | 820 mm | |
| 4.22 | Forks section / width / length | 70 mm / 185 mm / 1150 mm | |
| 4.24 | Fork carriage width | 700 mm | |
| 4.32 | Ground clearance at centre of wheelbase | 24 mm | |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | 2481 mm | |
| 4.35 | Turning radius | 1657 mm | |
| 4.9 | Height tiller min. / max. | 760 mm / 1250 mm | |
| Performances | | 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 | |
| Engine | | Engine | |
| 6.1 | Drive motor rating S2 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 | | 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 Premium - 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 |

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