



## **Electric pedestrian stacker** **EJC 110 / 112**

Lift height: 2500-4700 mm / Load capacity: 1000-1200 kg

** JUNGHEINRICH**

EJC 110 / 112



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| EJC 110          | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|------------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT   | 2500 mm   | 1750 mm                    | 100 mm         | 2975 mm                   |
|                  | 2700 mm   | 1850 mm                    | 100 mm         | 3175 mm                   |
|                  | 2900 mm   | 1950 mm                    | 100 mm         | 3375 mm                   |
|                  | 3200 mm   | 2100 mm                    | 100 mm         | 3675 mm                   |
|                  | 3600 mm   | 2300 mm                    | 100 mm         | 4075 mm                   |
| EJC 110, EJC 112 | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
| Duplex mast ZT   | 2500 mm   | 1750 mm                    | 100 mm         | 2975 mm                   |
|                  | 2700 mm   | 1850 mm                    | 100 mm         | 3175 mm                   |
|                  | 2900 mm   | 1950 mm                    | 100 mm         | 3375 mm                   |
|                  | 3200 mm   | 2100 mm                    | 100 mm         | 3675 mm                   |
|                  | 3600 mm   | 2300 mm                    | 100 mm         | 4075 mm                   |
| Duplex mast ZZ   | 2500 mm   | 1700 mm                    | 1225 mm        | 2975 mm                   |
|                  | 2900 mm   | 1900 mm                    | 1425 mm        | 3375 mm                   |
|                  | 3200 mm   | 2050 mm                    | 1575 mm        | 3675 mm                   |
|                  | 3600 mm   | 2250 mm                    | 1775 mm        | 4075 mm                   |
| Triplex mast DZ  | 4090 mm   | 1845 mm                    | 1338 mm        | 4597 mm                   |
|                  | 4300 mm   | 1915 mm                    | 1408 mm        | 4807 mm                   |
| EJC 112          | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
| Duplex mast ZT   | 4100 mm   | 2550 mm                    | 100 mm         | 4575 mm                   |
|                  | 4300 mm   | 2650 mm                    | 100 mm         | 4775 mm                   |
| Duplex mast ZZ   | 4100 mm   | 2500 mm                    | 2025 mm        | 4575 mm                   |
|                  | 4300 mm   | 2600 mm                    | 2125 mm        | 4775 mm                   |
| Triplex mast DZ  | 4700 mm   | 2050 mm                    | 1543 mm        | 5207 mm                   |

# VDI table

|                  |        |                                                     |          |                   |            |
|------------------|--------|-----------------------------------------------------|----------|-------------------|------------|
| Characteristic   | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich      |            |
|                  | 1.2    | Manufacturer's type designation                     |          | EJC 110           | EJC 112    |
|                  | 1.3    | Drive type                                          |          | electric          |            |
|                  | 1.4    | Operation                                           |          | Pedestrian        |            |
|                  | 1.5    | Load capacity/load                                  | Q kg     | 1000              | 1200       |
|                  | 1.6    | Load centre distance                                | c mm     | 600               |            |
|                  | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 681               | 688        |
|                  | 1.9    | Wheelbase                                           | y mm     | 1184              | 1191       |
| Weights          | 2.1.1  | Service weight (incl. battery)                      | kg       | 750               | 830        |
|                  | 2.2    | Axle load laden front/rear                          | kg       | 570 / 1180        | 650 / 1380 |
|                  | 2.3    | Axle load unladen front/rear                        | kg       | 510 / 240         | 580 / 250  |
| Wheels/chassis   | 3.1    | Tyres                                               |          | Polyurethane (PU) |            |
|                  | 3.2    | Tyre size, front                                    |          | Ø 230 x 70        |            |
|                  | 3.3    | Tyre size, rear                                     |          | Ø 77 x 75         | Ø 85 x 110 |
|                  | 3.4    | Additional wheels                                   |          | Ø 150 x 54        | Ø 140 x 54 |
|                  | 3.5    | Wheels, number front/back (x=driven)                |          | 1x +1/2           |            |
|                  | 3.6    | Tread width, front                                  | b10 mm   | 507               |            |
|                  | 3.7    | Tread width, rear                                   | b11 mm   | 415               | 400        |
| Basic dimensions | 4.2    | Retracted mast height (h1)                          | h1 mm    | 1950              |            |
|                  | 4.3    | Free lift (h2)                                      | h2 mm    | 100               |            |
|                  | 4.4    | Lift (h3)                                           | h3 mm    | 2900              |            |
|                  | 4.5    | Extended mast height (h4)                           | h4 mm    | 3375              |            |
|                  | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 850 / 1305        |            |
|                  | 4.15   | Height, lowered                                     | h13 mm   | 90                |            |
|                  | 4.19   | Total length                                        | l1 mm    | 1822              |            |
|                  | 4.20   | Length including fork shank                         | l2 mm    | 672               |            |
|                  | 4.21.1 | total width                                         | b1 mm    | 800               |            |
|                  | 4.22   | Fork dimensions                                     | s/e/l mm | 56 x 185 x 1150   |            |
|                  | 4.25   | Width across forks                                  | b5 mm    | 570               |            |
|                  | 4.32   | Ground clearance centre of wheelbase                | m2 mm    | 30                |            |
|                  | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 2071              |            |
|                  | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2121              |            |
|                  | 4.35   | Turning radius                                      | Wa mm    | 1402              | 1409       |

|                            |       |                                           |        |                  |             |
|----------------------------|-------|-------------------------------------------|--------|------------------|-------------|
| Performance data           | 5.1   | Travel speed laden/unladen                | km/h   | 6 / 6            |             |
|                            | 5.2   | Lift speed laden/unladen                  | m/s    | 0.12 / 0.22      | 0.13 / 0.22 |
|                            | 5.3   | Lowering speed laden/unladen              | m/s    | 0.33 / 0.33      | 0.43 / 0.37 |
|                            | 5.8   | Max. gradeability laden/unladen           | %      | 8 / 16           |             |
|                            | 5.10  | Service brake                             |        | generative       |             |
| Electric motor/electronics | 6.1   | Drive motor, performance S2 60 min        | kW     | 1                |             |
|                            | 6.2   | Lift motor, performance with S3           | kW     | 1.7              | 2           |
|                            | 6.3   | Battery according to DIN 43531/35/36      |        | British Standard |             |
|                            | 6.4   | Battery voltage/nominal capacity          | V / Ah | 24 / 200         |             |
|                            | 6.5   | Battery weight                            | kg     | 185              |             |
|                            | 6.6   | Energy consumption according to VDI cycle | kWh/h  | 0                |             |
|                            | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.61             | 0.66        |
|                            | 6.6.2 | CO2 equivalent as per EN 16796            | kg/h   | 0.3              | 0.4         |
| Other                      | 8.1   | Type of drive control                     |        | AC               |             |
|                            | 10.7  | Sound pressure level according to EN12053 | dB (A) | 62               |             |

- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.

The values in the table apply for the S-VBE (1-3) battery compartment, ZT2900 mast, battery 200 Ah.

- VDI no. 1.8: with DZ mast: x - 42 mm
- VDI no. 1.9: with M Li-ion battery compartment: y + 72 mm.
- VDI no. 4.19: with M Li-ion battery compartment: l1 + 72 mm. with DZ mast: l1 + 42 mm.
- VDI no. 4.20: with M Li-ion battery compartment: l2 + 72 mm. with DZ mast: l2 + 42 mm.
- VDI no. 4.34.1: with M Li-ion battery compartment: l2 + 72 mm. diagonal as per VDI: + 212 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.34.2: with M Li-ion battery compartment: l2 + 72 mm. diagonal as per VDI: + 137 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.35: with M Li-ion battery compartment: l2 + 72 mm.
- VDI no. 6.2: with EJC 110: S3 10%. With EJC 112: S3 12%.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified as well as our Genuine Parts  
Center in Kaltenkirchen.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



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