



Electric pedestrian stacker with support arm lift

EJD 120i

Lift height: 1500-2100 mm / Load capacity: 2000 kg

LION
technology

JUNGHEINRICH

EJD 120i



EJD 120i

| EJD 120i | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|----------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT | 1660 mm | 1306 mm | 100 mm | 2115 mm |
| | 2010 mm | 1481 mm | 100 mm | 2465 mm |
| | 2100 mm | 1526 mm | 100 mm | 2555 mm |
| Single mast E | 1500 mm | 1921 mm | 1468 mm | 1953 mm |
| | 1660 mm | 2081 mm | 1628 mm | 2113 mm |
| | 2100 mm | 2521 mm | 2068 mm | 2553 mm |

VDI table

| | | | | | |
|------------------|---|---|-------|------|-----------------------|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | Jungheinrich |
| | 1.2 | Manufacturer's type designation | | | EJD 120i |
| | 1.3 | Drive type | | | electric |
| | 1.4 | Operation | | | Pedestrian |
| | 1.5 | Load capacity/load | Q | kg | 2000 |
| | 1.5.1 | Rated capacity/load with mast lift | Q | kg | 1000 |
| | 1.5.2 | Rated capacity/load with support arm lift | Q | kg | 2000 |
| | 1.6 | Load centre distance | c | mm | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 953 |
| | 1.9 | Wheelbase | y | mm | 1452 |
| Weights | 2.1.1 | Service weight (incl. battery) | | kg | 716 |
| | 2.2 | Axle load laden front/rear | | kg | 988 / 1728 |
| | 2.3 | Axle load unladen front/rear | | kg | 505 / 211 |
| Wheels/chassis | 3.1 | Tyres | | | Polyurethane (PU) |
| | 3.2 | Tyre size, front | | | Ø 230 x 65 |
| | 3.3 | Tyre size, rear | | | Ø 85 x 95 / Ø 85 x 75 |
| | 3.4 | Additional wheels | | | Ø 100 x 40 |
| | 3.5 | Wheels, number front/back (x=driven) | | | 1x +2/2 oder 4 |
| | 3.6 | Tread width, front | b10 | mm | 520 |
| | 3.7 | Tread width, rear | b11 | mm | 350 |
| Basic dimensions | 4.2 | Retracted mast height (h1) | h1 | mm | 1265 |
| | 4.3 | Free lift (h2) | h2 | mm | 90 |
| | 4.4 | Lift (h3) | h3 | mm | 1660 |
| | 4.5 | Extended mast height (h4) | h4 | mm | 2116 |
| | 4.6 | Initial lift | h5 | mm | 120 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 820 / 1237 |
| | 4.15 | Height, lowered | h13 | mm | 93 |
| | 4.19 | Total length | l1 | mm | 1834 |
| | 4.20 | Length including fork shank | l2 | mm | 644 |
| | 4.21.1 | total width | b1 | mm | 726 |
| | 4.22 | Fork dimensions | s/e/l | mm | 68 x 187 x 1190 |
| | 4.25 | Width across forks | b5 | mm | 535 |
| | 4.32 | Ground clearance centre of wheelbase | m2 | mm | 23 |
| | 4.34.2 | Aisle width (pallet 800x1200 length) | Ast | mm | 2293 |
| 4.34.8 | Aisle width (pallet 800x1200 crosswise) | Ast | mm | 2425 | |
| 4.35 | Turning radius | Wa | mm | 1623 | |
| Performance data | 5.1 | Travel speed laden/unladen | | km/h | 6 / 6 |
| | 5.2 | Lift speed laden/unladen | | m/s | 0.14 / 0.25 |
| | 5.3 | Lowering speed laden/unladen | | m/s | 0.31 / 0.25 |
| | 5.7 | Gradeability laden/unladen | | % | 8 / 15 |
| | 5.8 | Max. gradeability laden/unladen | | % | 8 / 15 |
| | 5.10 | Service brake | | | |

| | | | | |
|----------------------------|-------|---|--------|------------|
| Electric motor/electronics | 6.1 | Drive motor, performance S2 60 min | kW | 1.1 |
| | 6.2 | Lift motor, performance with S3 | kW | 2.2 |
| | 6.3 | Battery according to DIN 43531/35/36 | | no |
| | 6.4 | Battery voltage/nominal capacity | V / Ah | 25.6 / 100 |
| | 6.5 | Battery weight | kg | 35 |
| | 6.6.1 | Energy consumption according to EN cycle | kWh/h | 0.42 |
| | 6.6.2 | CO2 equivalent according to EN ISO 23308 | kg/h0 | 0.2 |
| | 6.7 | Throughput | t/h | 92 |
| | 6.8 | Turnover efficiency according to VDI 2198 | t/kWh | 120 |
| Other | 8.1 | Type of drive control | | AC |
| | 10.7 | Sound pressure level according to EN12053 | dB (A) | 61 |

- 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 XS battery compartment, ZT 1660 mast, raised support arm lift.

- VDI no. 1.5: in double-decker operation: mast lift max. 1 t / total load max. 2 t. Permitted up to a lift height $h_{13} + h_3$ of 1,800 mm. The heavier load is to be transported on the support arms (below).
- VDI no. 1.8: with lowered support arms: $x + 56$ mm.
- VDI no. 1.9: with lowered support arms: $y + 56$ mm; with S battery compartment: $y + 30$ mm.
- VDI no. 4.19: with S battery compartment: $l_1 + 30$ mm.
- VDI no. 4.20: with S battery compartment: $l_2 + 30$ mm.
- VDI no. 4.34.1: with lowered support arms: aisle width + 54 mm; with S battery compartment: aisle width + 30 mm.
- VDI no. 4.34.2: with lowered support arms: aisle width + 29 mm; with S battery compartment: aisle width + 30 mm.
- VDI no. 4.35: with lowered support arms: $W_a + 56$ mm; with S battery compartment: $W_a + 30$ mm.
- VDI no. 5.2: lift speed laden / unladen for support arm lift: 0.05 / 0.05 km/h.
- VDI no. 5.3: lowering speed laden / unladen for support arm lift: 0.03 / 0.05 km/h.
- VDI no. 6.2: specified value with S3 = 5% power-on time.

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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The logo features a red upward-pointing arrow integrated into the letter 'J' of the word 'JUNGHEINRICH', which is written in a bold, black, sans-serif font.