



Low level order pickers **ECE 320**

Lift height: 750 mm / Load capacity: 2000 kg

ECE 320



VDI table

Stand-on: 11/2024

| | | | | • Jungheinrich | | |
|--------------------------|----------------|--|--------------------------------|-------------------|-----------------------|-----------------|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | | |
| | 1.2 | Manufacturer's type designation | | ECE 320 | ECE 320 HP | |
| | 1.3 | Drive | | Electric | | |
| | 1.4 | Operation | | Order pickers | | |
| | 1.5 | Load capacity/load | Q | kg | 2000 | |
| | 1.6 | Load centre distance | c | mm | 1200 | |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 1522 | |
| | 1.9 | Wheelbase | y | mm | 2652 | 2803 |
| | Weights | 2.1.1 | Service weight (incl. battery) | | kg | 1300 |
| 2.2 | | Axle load laden front/rear | | kg | 1120 / 2180 | 1240 / 2250 |
| 2.3 | | Axle load unladen front/rear | | kg | 900 / 400 | 1020 / 470 |
| Wheels/suspension system | 3.1 | Tyres | | Polyurethane (PU) | | |
| | 3.2 | Tyre size, front | | Ø 230 x 78 | | |
| | 3.3 | Tyre size, rear | | Ø 85 x 85 | | |
| | 3.4 | Additional wheels | | Ø 180 x 65 | | |
| | 3.5 | Wheels, number front/back (x=driven) | | 1+1x/4 | | |
| | 3.6 | Tread width, front | b10 | mm | 481 | |
| | 3.7 | Tread width, rear | b11 | mm | 345 | |
| | 3.7.1 | 2. Tread width, rear | | mm | 375 | |
| Basic dimensions | 4.4 | Lift (h3) | | h3 | mm | 750 |
| | 4.9 | Height of tiller handle in drive position min./max. | | h14 | mm | 1374 / 1418 |
| | 4.14 | Stand height, elevated | | h12 | mm | - 1002 |
| | 4.15 | Height, lowered | | h13 | mm | 90 |
| | 4.19 | total length | | l1 | mm | 3747 3897 |
| | 4.20 | Length including fork shank | | l2 | mm | 1347 1497 |
| | 4.21.1 | total width | | b1 | mm | 810 |
| | 4.22 | Fork dimensions | | s/e/l | mm | 70 x 195 x 2400 |
| | 4.25 | Width across forks | | b5 | mm | 540 |
| | 4.32 | Ground clearance centre of wheelbase | | m2 | mm | 20 |
| | 4.34.2 | Aisle width (pallet 800x1200 length) | | Ast | mm | 3947 4097 |
| 4.35 | Turning radius | | Wa | mm | 2869 3019 | |
| Performance data | 5.1 | Travel speed laden/unladen (Efficiency drivePLUS) | | km/h | 9.5 / 12.5 9.5 / 14 | |
| | 5.2 | Lift speed laden/unladen | | m/s | 0.09 / 0.16 | |
| | 5.3 | Lowering speed laden/unladen | | m/s | 0.11 / 0.11 | |
| | 5.8 | Max. gradeability laden/unladen (Efficiency drivePLUS) | | % | 6 / 15 6 / 15 | |
| | 5.10 | Service brake | | generative | | |
| E-motor/Electronics | 6.1 | Drive motor, performance S2 60 min (Efficiency drivePLUS) | | kW | 2.8 3.2 | |
| | 6.2 | Lift motor, performance with S3 | | kW | 1.5 | |
| | 6.4 | Battery voltage/nominal capacity | | V / Ah | 24 / 465 | |
| | 6.5 | Battery weight | | kg | 370 | |
| | 6.6.1 | Energy consumption according to EN cycle (Efficiency PLUS) | | kWh/h | 0.6 0.63 | |
| | 6.6.2 | CO2 equivalent as per EN 16796 (Efficiency PLUS) | | kg/h | 0.3 0.3 | |
| | 6.7 | Throughput (Efficiency PLUS) | | t/h | 102 104 | 100 102 |
| | 6.8.1 | Energy consumption with max. throughput (Efficiency PLUS) | | kWh/h | 1.52 1.72 | 1.53 1.72 |
| Other | 8.1 | Type of drive control | | AC | | |

| | | | |
|--|-------------------------------|--------|----------|
| 10.5 | Steering version | | electric |
| 10.7 | Schalldruckpegel nach EN12053 | dB (A) | 62 |
| <p>- 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.</p> | | | |

Efficiency: Values of standard package | PLUS: Values of performance package

Values for L battery compartment; standard stand-on platform and fork length 2,400 mm; lowered load section.

- VDI no. 1.8: with raised load section: x - 194 mm.

- VDI no. 1.9: with XL or XL (ERE) battery compartment: y + 118 mm; with extended stand-on platform: y + 50 mm; with lowered load section: y - 194 mm.

- VDI No. 4.14: ECE HP: h12 see sketch, dimension 840 mm + 162 mm = 1002 mm.

- VDI no. 4.19: with XL or XL (ERE) battery compartment: l1 + 118 mm; with extended stand-on platform: l1 + 50 mm.

- VDI no. 4.20: with XL or XL (ERE) battery compartment: l2 + 118 mm; with extended stand-on platform: l2 + 50 mm.

- VDI no. 4.34.2: with XL or XL (ERE) battery compartment: aisle width + 118 mm; with extended stand-on platform: aisle width + 50 mm; diagonal as per VDI: aisle width + 94 mm.

- VDI no. 4.35: with XL or XL (ERE) battery compartment: Wa + 118 mm; with extended stand-on platform option: Wa + 50 mm; with raised load section: y - 194 mm.

- VDI no. 6.2: with S3 10%.

- VDI no. 6.4: with XL battery compartment: 24 V / 620 Ah.

- VDI no. 6.5: with XL battery compartment: 460 kg.

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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