



## Low level order pickers **ECE 320**

Lift height: 750 mm / Load capacity: 2000 kg

# ECE 320



# ECE 320



# VDI table

Stand-on: 01/2025

|                          |         |  |                                |                       |             |
|--------------------------|---------|--|--------------------------------|-----------------------|-------------|
| Characteristic           | 1.1     | Manufacturer (abbreviated description)                       |                                | Jungheinrich          |             |
|                          | 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    | Overall 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/<br>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 diagram, dimension 840 mm + 162 mm = 1,002 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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