

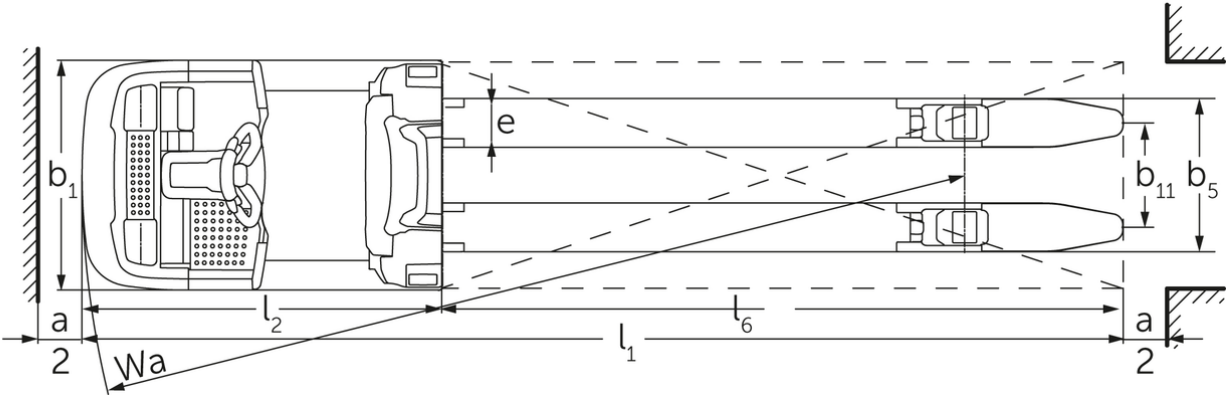
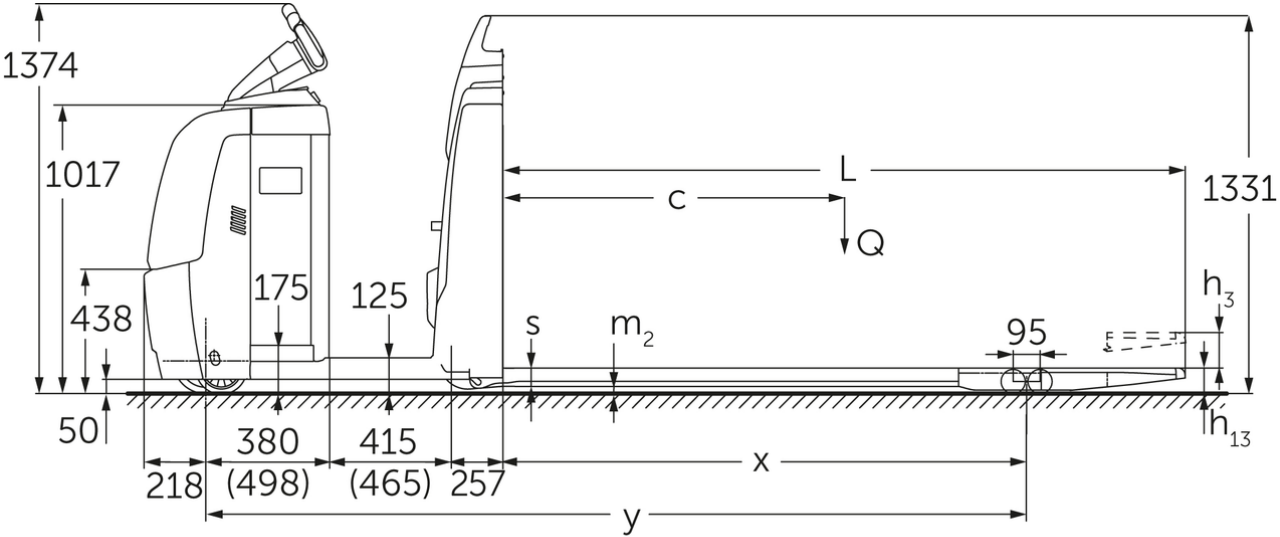


## Low level order pickers

**ECE 225 / 227**

Lift height: 125 mm / Load capacity: 2500-2700 kg

ECE 225 / 227





## VDI table

|                  |        |                                                          |              |                       |             |             |
|------------------|--------|----------------------------------------------------------|--------------|-----------------------|-------------|-------------|
| Characteristic   | 1.1    | Manufacturer (abbreviated description)                   |              | Jungheinrich          |             |             |
|                  | 1.2    | Manufacturer's type designation                          |              | ECE 225               | ECE 225 HP  | ECE 227     |
|                  | 1.3    | Drive type                                               |              | electric              |             |             |
|                  | 1.4    | Operation                                                |              | Order pickers         |             |             |
|                  | 1.5    | Load capacity/load                                       | Q kg         | 2500                  |             | 2700        |
|                  | 1.6    | Load centre distance                                     | c mm         | 1200                  |             |             |
|                  | 1.8    | Load distance, centre of drive axle to fork              | x mm         | 1518                  |             |             |
|                  | 1.9    | Wheelbase                                                | y mm         | 2570                  | 2720        | 2570        |
| Weights          | 2.1.1  | Service weight (incl. battery)                           | kg           | 975                   | 1110        | 975         |
|                  | 2.2    | Axle load laden front/rear                               | kg           | 1130 / 2345           | 1135 / 2475 | 1130 / 2345 |
|                  | 2.3    | Axle load unladen front/rear                             | kg           | 763 / 212             | 847 / 263   | 763 / 212   |
| Wheels/chassis   | 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       | 338                   |             |             |
|                  | 3.7.1  | 2. Tread width, rear                                     | mm           | 368                   |             |             |
| Basic dimensions | 3.7.2  | 3. Tread width, rear                                     | mm           | 498                   |             |             |
|                  | 4.4    | Lift (h3)                                                | h3 mm        | 125                   |             |             |
|                  | 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        | 3670                  | 3820        | 3670        |
|                  | 4.20   | Length including fork shank                              | l2 mm        | 1270                  | 1420        | 1270        |
|                  | 4.21.1 | total width                                              | b1 mm        | 810                   |             |             |
|                  | 4.22   | Fork dimensions                                          | s/<br>e/l mm | 60 x 172 x 2400       |             |             |
|                  | 4.25   | Width across forks                                       | b5 mm        | 510                   |             |             |
|                  | 4.32   | Ground clearance centre of wheelbase                     | m2 mm        | 25                    |             |             |
|                  | 4.34.2 | Aisle width (pallet 800x1200 length)                     | Ast mm       | 3870                  | 4020        | 3870        |
|                  | 4.35   | Turning radius                                           | Wa mm        | 2788                  | 2938        | 2788        |
| Performance data | 5.1    | Travel speed laden/unladen (Efficiency   drivePLUS)      | km/h         | 9.2 / 12.5   9.2 / 14 |             |             |
|                  | 5.2    | Lift speed laden/unladen                                 | m/s          | 0.07 / 0.1            |             |             |
|                  | 5.3    | Lowering speed laden/unladen                             | m/s          | 0.07 / 0.06           |             |             |
|                  | 5.8    | Max. gradeability laden/unladen (Efficiency   drivePLUS) | %            | 6 / 15   6 / 15       |             |             |
|                  | 5.10   | Service brake                                            |              | generative            |             |             |

|                                                                                                                                                                                                   |       |                                                              |        |             |             |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------|--------|-------------|-------------|-------------|
| Electric 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  | 0.41   0.47 |             |             |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796 (Efficiency   PLUS)           | kg/h   | 0.2   0.3   |             |             |
|                                                                                                                                                                                                   | 6.7   | Throughput (Efficiency   PLUS)                               | t/h    | 170   180   |             |             |
|                                                                                                                                                                                                   | 6.8.1 | Energy consumption with max. throughput (Efficiency   PLUS)  | kWh/h  | 1.38   1.41 | 1.39   1.47 | 1.38   1.41 |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                                        |        | AC          |             |             |
|                                                                                                                                                                                                   | 10.5  | Steering version                                             |        | electric    |             |             |
|                                                                                                                                                                                                   | 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 to the L battery compartment, drivePLUS performance package, fork length 2,400 mm, raised load section.

- VDI no. 1.8: with lowered load section: x + 82 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: x + 82 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: Wa + 50 mm; with lowered load section: Wa + 82 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.
- VDI no. 6.6.1 for ECE 225 and ECE 225 HP: 0.45 kWh/h.