

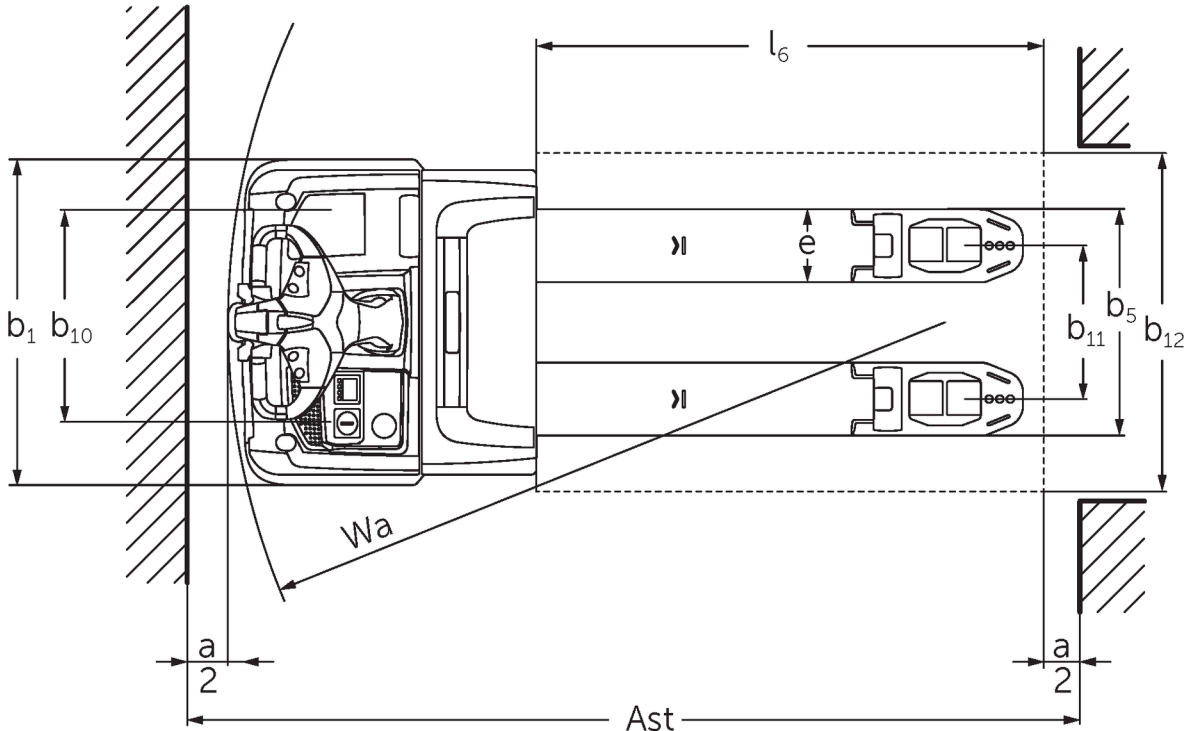
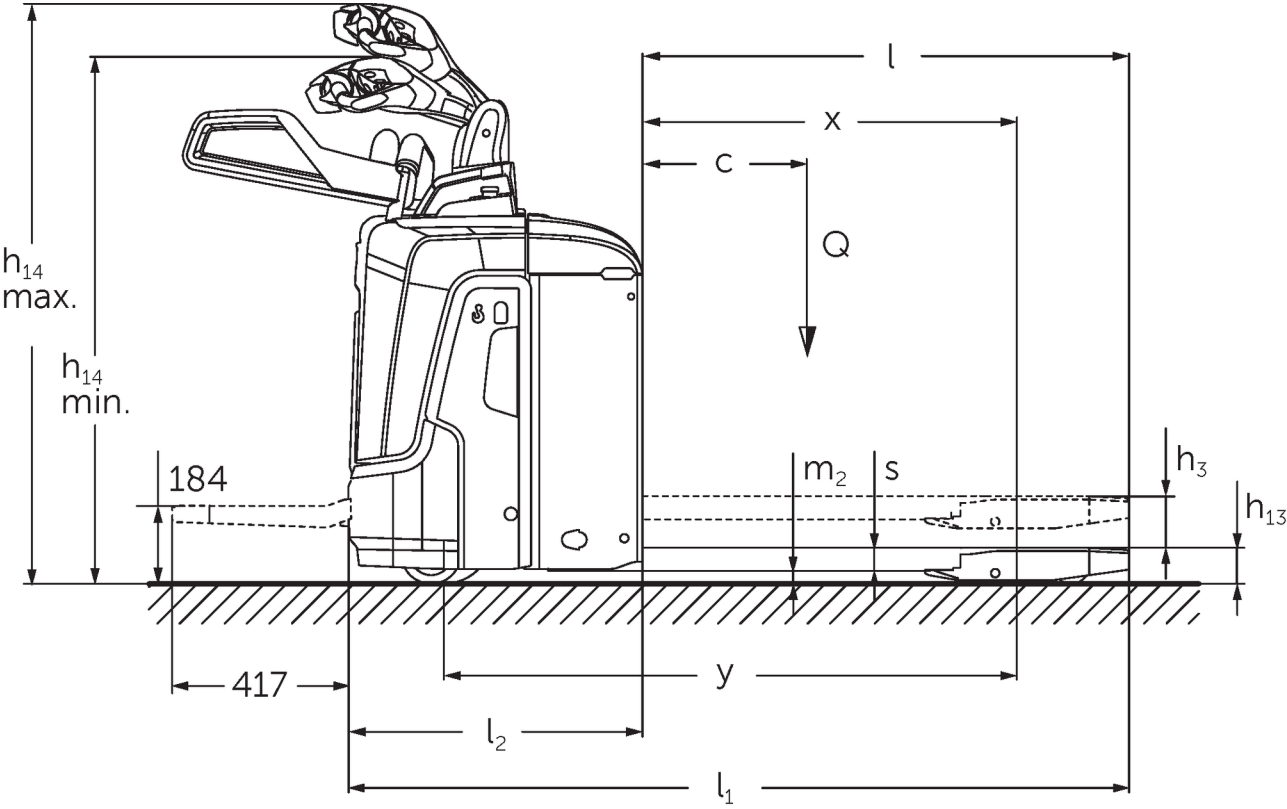


## **Electric ride-on/pedestrian pallet truck**

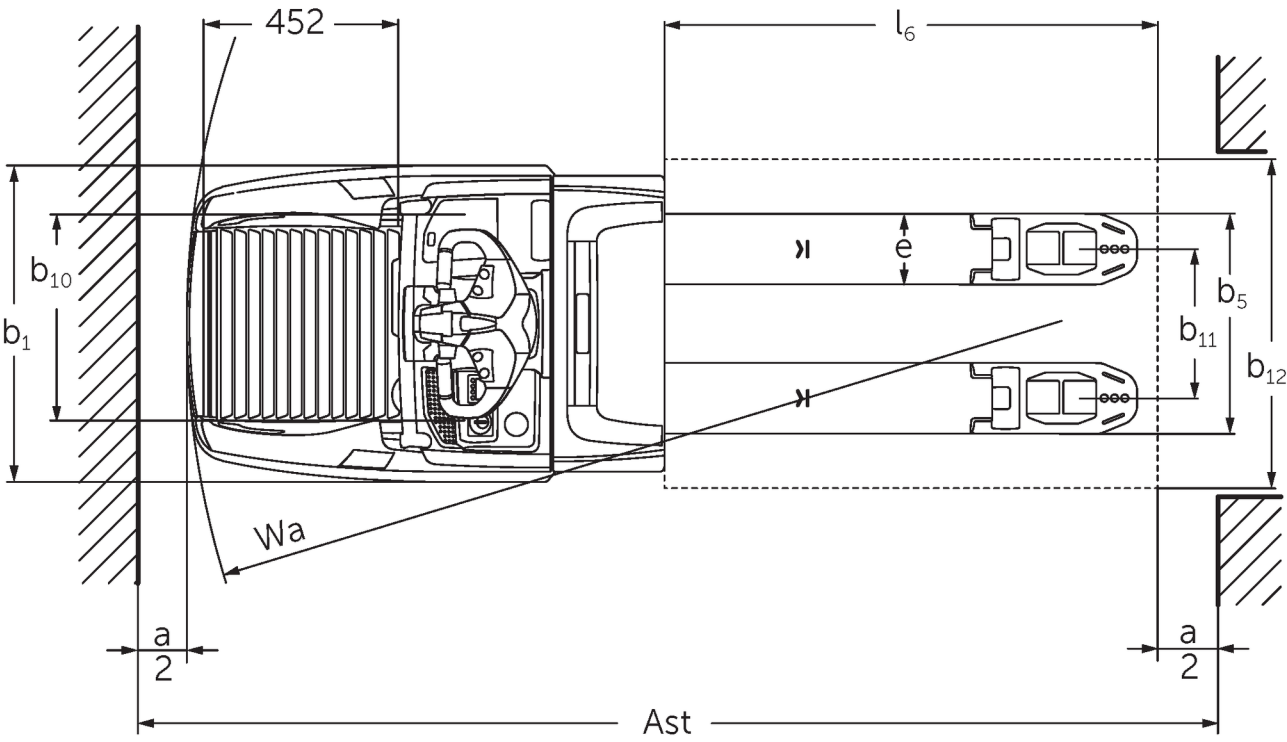
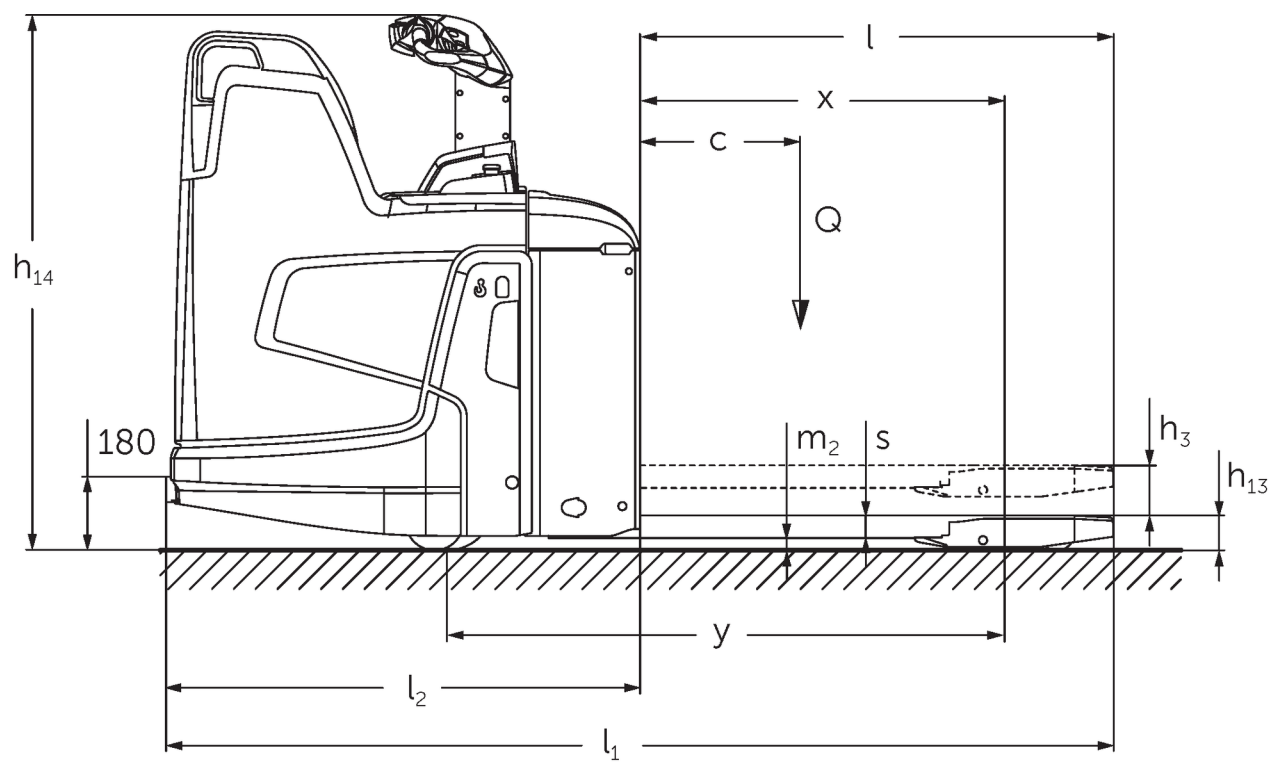
**ERE 120-230**

Lift height: 122 mm / Load capacity: 2000-3000 kg

# ERE 120-230



# ERE 120-230



# VDI table

Stand-on: 12/2022

|                    |        |                                                     |                    |                                     |                |             |            |                   |             |                   |   |
|--------------------|--------|-----------------------------------------------------|--------------------|-------------------------------------|----------------|-------------|------------|-------------------|-------------|-------------------|---|
| Kennzeichen        | 1.1    | Manufacturer (abbreviated description)              |                    | Jungheinrich                        |                |             |            |                   |             |                   |   |
|                    | 1.2    | Manufacturer's type designation                     |                    | ERE 120 6km/h                       | ERE 120 9 km/h | ERE 125     | ERE 225    | ERE 225 drivePLUS | ERE 230     | ERE 230 drivePLUS |   |
|                    | 1.3    | Drive                                               |                    | Electric                            |                |             |            |                   |             |                   |   |
|                    | 1.4    | Operation                                           |                    | Tiller                              |                |             |            |                   |             |                   |   |
|                    | 1.5    | Load capacity/load                                  | Q kg               | 2000                                |                | 2500        |            |                   | 3000        |                   |   |
|                    | 1.6    | Load centre distance                                | c mm               | 600                                 |                |             |            |                   |             |                   |   |
|                    | 1.8    | Load distance, centre of drive axle to fork         | x mm               | 908                                 |                |             |            |                   |             |                   |   |
|                    | 1.9    | Wheelbase                                           | y mm               | 1378                                |                |             |            |                   |             | 1450              |   |
| Gewichte           | 2.1    | Service weight                                      | kg                 | 400                                 |                | 404         |            |                   | 424         |                   |   |
|                    | 2.1.1  | Service weight (incl. battery)                      | kg                 | -                                   |                |             |            |                   |             | 725               |   |
|                    | 2.2    | Axle load laden front/rear                          | kg                 | 1825 / 795                          |                | 2090 / 1126 |            |                   | 2494 / 1239 |                   |   |
|                    | 2.3    | Axle load unladen front/rear                        | kg                 | 138 / 474                           |                | 159 / 550   |            |                   | 160 / 565   |                   |   |
| Räder/Fahrwerk     | 3.1    | Tyres                                               |                    | Vulkollan ®/PU + quartz/Vulkollan ® |                |             |            |                   |             |                   |   |
|                    | 3.2    | Tyre size, front                                    |                    | Ø 230 x 65                          |                | Ø 230 x 77  |            |                   |             |                   |   |
|                    | 3.3    | Tyre size, rear                                     |                    | Ø 85 x 110 / Ø 85 x 85              |                |             |            |                   |             | Ø 85 x 85         |   |
|                    | 3.4    | Additional wheels                                   |                    | Ø 140 x 57                          |                |             |            |                   |             |                   |   |
|                    | 3.5    | Wheels, number front/back (x=driven)                |                    | 1x +2/2 oder 4                      |                |             |            |                   |             | 1x +2/4           |   |
|                    | 3.6    | Tread width, front                                  | b <sub>10</sub> mm | 363                                 |                |             |            |                   |             |                   |   |
|                    | 3.7    | Tread width, rear                                   | b <sub>11</sub> mm | 512                                 |                |             |            |                   |             |                   |   |
| Grundabmessungen   | 4.4    | Lift (h3)                                           | h <sub>3</sub> mm  | 122                                 |                |             |            |                   |             |                   |   |
|                    | 4.9    | Height of tiller handle in drive position min./max. | mm                 | 1137 / 1419                         |                |             |            |                   |             |                   |   |
|                    | 4.15   | Height, lowered                                     | h <sub>13</sub> mm | 85                                  |                |             |            |                   |             |                   |   |
|                    | 4.19   | Overall length                                      | l <sub>1</sub> mm  | 1847                                |                |             |            |                   |             | 1919              |   |
|                    | 4.20   | Length including fork shank                         | l <sub>2</sub> mm  | 697                                 |                |             |            |                   |             | 769               |   |
|                    | 4.21.1 | Overall width                                       | b <sub>1</sub> mm  | 770                                 |                |             |            |                   |             |                   |   |
|                    | 4.22   | Fork dimensions                                     | s/ e/l mm          | 55 x 172 x 1150                     |                |             |            |                   |             |                   |   |
|                    | 4.25   | Width across forks                                  | b <sub>5</sub> mm  | 535                                 |                |             |            |                   |             |                   |   |
|                    | 4.32   | Ground clearance centre of wheelbase                | m <sub>2</sub> mm  | 30                                  |                |             |            |                   |             |                   |   |
|                    | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm             | 2411                                |                |             |            |                   |             | 2483              |   |
|                    | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm             | 2299                                |                |             |            |                   |             | 2372              |   |
|                    | 4.34.8 | Aisle width (pallet 800x1200 crosswise)             | Ast mm             | 2414                                |                |             |            |                   |             | 2486              |   |
|                    | 4.35   | Turning radius                                      | W <sub>a</sub> mm  | 1604                                |                |             |            |                   |             | 1677              |   |
| Leistungsdaten     | 5.1    | Travel speed laden/unladen                          | km/h               | 6 / 6                               | 8 / 9          | 9 / 9       | 9.5 / 12.5 | 9.5 / 14          | 6 / 12.5    | 6 / 14            |   |
|                    | 5.2    | Lift speed laden/unladen                            | m/s                | 0.04 / 0.04                         |                | 0.05 / 0.07 |            |                   |             |                   |   |
|                    | 5.3    | Lowering speed laden/unladen                        | m/s                | 0.05 / 0.04                         |                | 0.05 / 0.05 |            |                   |             |                   |   |
|                    | 5.8    | Max. gradeability laden/unladen                     | %                  | 5 / 7                               | 8 / 16         |             |            |                   | 6 / 16      |                   |   |
|                    | 5.10   | Service brake                                       |                    | generative                          |                |             |            |                   |             |                   |   |
| E-Motor/Elektronik | 6.1    | Drive motor, performance S2 60 min                  | kW                 | 1.2                                 | 2              | 2.8         |            | 3.2               | 2.8         | 3.2               |   |
|                    | 6.2    | Lift motor, performance with S3                     | kW                 | 1.2                                 |                | 2.2         |            |                   |             |                   |   |
|                    | 6.3    | Battery according to DIN 43531/35/36                |                    | B                                   | -              |             |            |                   |             |                   | B |
|                    | 6.4    | Battery voltage/nominal capacity                    | V / Ah             | 24 / 250                            |                |             |            |                   |             | 24 / 375          |   |

|           |       |                                            |        |      |      |      |      |      |      |      |
|-----------|-------|--------------------------------------------|--------|------|------|------|------|------|------|------|
|           | 6.5   | Battery weight                             | kg     | 230  |      |      |      |      | 297  |      |
|           | 6.6.1 | Energy consumption according to EN cycle   | kWh/h  | 0.4  | 0.43 | 0.4  | 0.35 | 0.39 | 0.36 | 0.41 |
|           | 6.6.2 | CO2 equivalent as per EN 16796             | kg/h   | 0.2  |      |      |      |      |      |      |
|           | 6.7   | Throughput                                 | t/h    | 114  | 142  | 156  | 184  | 222  | 220  | 266  |
|           | 6.8.1 | Energy consumption with max. throughput    | kWh/h  | 0.74 | 1.11 | 1.18 | 1.29 | 1.89 | 1.45 | 2.05 |
| Sonstiges | 8.1   | Type of drive control                      |        | AC   |      |      |      |      |      |      |
|           | 10.7  | Sound level as per EN12053, operator's ear | dB (A) | 63   |      |      | 64   | 67   | 64   | 67   |

- 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 German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



 **JUNGHEINRICH**