



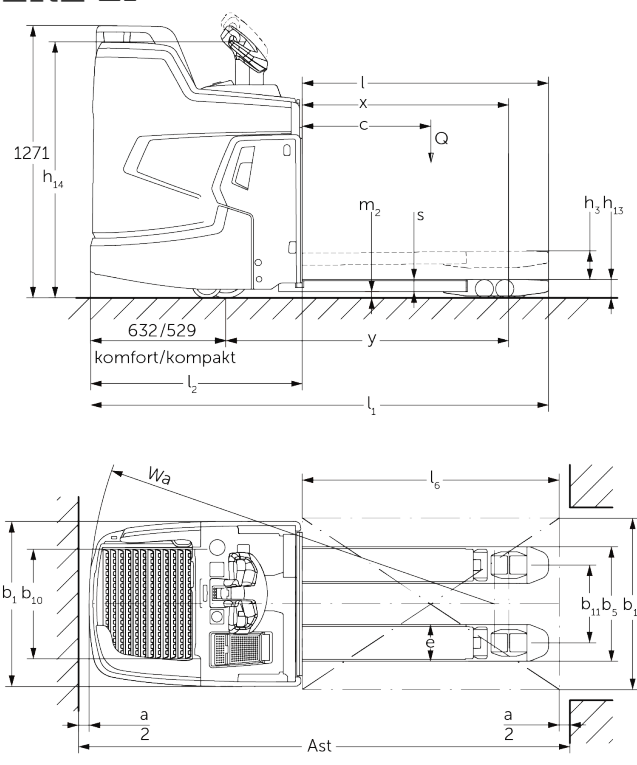
## Electric ride-on/pedestrian pallet truck

**ERE 2i**

Lift height: 122 mm / Load capacity: 2500 kg



# ERE 2i



# VDI table

|                          |        |                                                     |          |                        |
|--------------------------|--------|-----------------------------------------------------|----------|------------------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich           |
|                          | 1.2    | Manufacturer's type designation                     |          | ERE 2i                 |
|                          | 1.3    | Drive                                               |          | Electric               |
|                          | 1.4    | Operation                                           |          | Tiller                 |
|                          | 1.5    | Load capacity/load                                  | Q kg     | 2500                   |
|                          | 1.6    | Load centre distance                                | c mm     | 600                    |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 898                    |
|                          | 1.9    | Wheelbase                                           | y mm     | 1255                   |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      | kg       | 810                    |
|                          | 2.2    | Axle load laden front/rear                          | kg       | 1390 / 1920            |
|                          | 2.3    | Axle load unladen front/rear                        | kg       | 670 / 140              |
| Wheels/suspension system | 3.1    | Tyres                                               |          | Polyurethane (PU)      |
|                          | 3.2    | Tyre size, front                                    |          | ø 230 x 77             |
|                          | 3.3    | Tyre size, rear                                     |          | ø 85 x 110 / 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      |
|                          | 3.6    | Tread width, front                                  | b10 mm   | 512                    |
|                          | 3.7    | Tread width, rear                                   | b11 mm   | 363                    |
| Basic dimensions         | 4.4    | Lift (h3)                                           | h3 mm    | 120                    |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 1215 / 1275            |
|                          | 4.15   | Height, lowered                                     | h13 mm   | 85                     |
|                          | 4.19   | total length                                        | l1 mm    | 2139                   |
|                          | 4.20   | Length including fork shank                         | l2 mm    | 989                    |
|                          | 4.21.1 | total width                                         | b1 mm    | 770                    |
|                          | 4.22   | Fork dimensions                                     | s/e/l mm | 56 x 172 x 1150        |
|                          | 4.25   | Width across forks                                  | b5 mm    | 535                    |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2 mm    | 29                     |
|                          | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 2346                   |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2396                   |
|                          | 4.35   | Turning radius                                      | Wa mm    | 1894                   |
| Performance data         | 5.1    | Travel speed laden/unladen (Efficiency   drivePLUS) | km/h     | 9 / 12   9 / 14        |
|                          | 5.2    | Lift speed laden/unladen                            | m/s      | 0.05 / 0.07            |
|                          | 5.3    | Lowering speed laden/unladen                        | m/s      | 0.12 / 0.05            |
|                          | 5.7    | Gradeability laden/unladen (Efficiency   drivePLUS) | %        | 8 / 16   8 / 16        |
|                          | 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     | 2.2                 |
|                                                                                                                                                                                                   | 6.3   | Battery according to DIN 43531/35/36                          |        | Jungheinrich Li-ion |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity                              | V / Ah | 24 / 260            |
|                                                                                                                                                                                                   | 6.5   | Battery weight                                                | kg     | 100                 |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle (Efficiency   PLUS)  | kWh/h  | 0.42   0.45         |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796 (Efficiency   PLUS)            | kg/h   | 0.2   0.3           |
|                                                                                                                                                                                                   | 6.7   | Throughput (Efficiency   PLUS)                                | t/h    | 205   210           |
|                                                                                                                                                                                                   | 6.8   | Turnover efficiency according to VDI 2198 (Efficiency   PLUS) | t/kWh  | 139   131           |
|                                                                                                                                                                                                   | 6.8.1 | Energy consumption with max. throughput (Efficiency   PLUS)   | kWh/h  | 1.48   1.6          |
| Other                                                                                                                                                                                             | 10.7  | Sound level as per EN12053, operator's ear                    | dB (A) | 67.1                |
| - 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 fixed stand-on platform, integrated M battery compartment, 260-Ah battery, fork length 1,150 mm, raised load section.

Entry height for stand-on platform: 202 / 214 mm (stand-on platform standard / stand-on platform suspension adjustable).

Ground clearance at end of stand-on platform: 117 / 98 mm (stand-on platform standard / stand-on platform compact).

- VDI no. 1.8: lowered load section:  $x + 66$  mm.
- VDI no. 1.9: lowered load section:  $y + 66$  mm.
- VDI no. 4.19: with compact stand-on platform:  $l1 - 103$  mm.
- VDI no. 4.20: with compact stand-on platform:  $l2 - 103$  mm.
- VDI no. 4.34.1: diagonal as per VDI: aisle width + 357 mm. With compact stand-on platform: aisle width - 108 mm.
- VDI no. 4.34.2: diagonal as per VDI: aisle width + 199 mm. With compact stand-on platform: aisle width - 108 mm.
- VDI no. 4.35: lowered load section:  $Wa + 66$  mm. With compact stand-on platform: aisle width - 108 mm.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified as well as our Genuine Parts  
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ISO 9001  
ISO 14001

 **JUNGHEINRICH**