



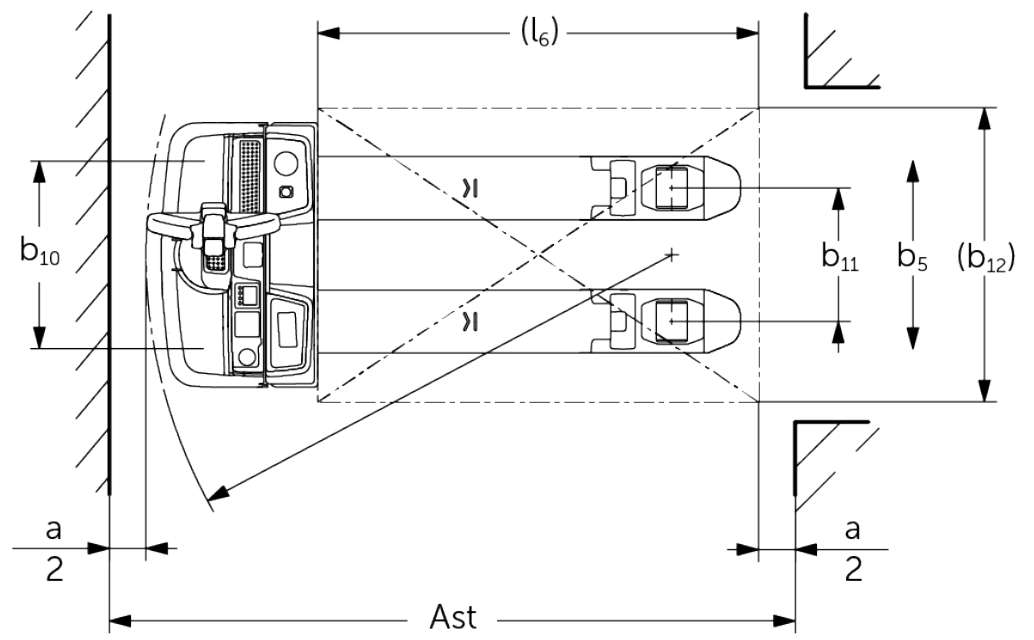
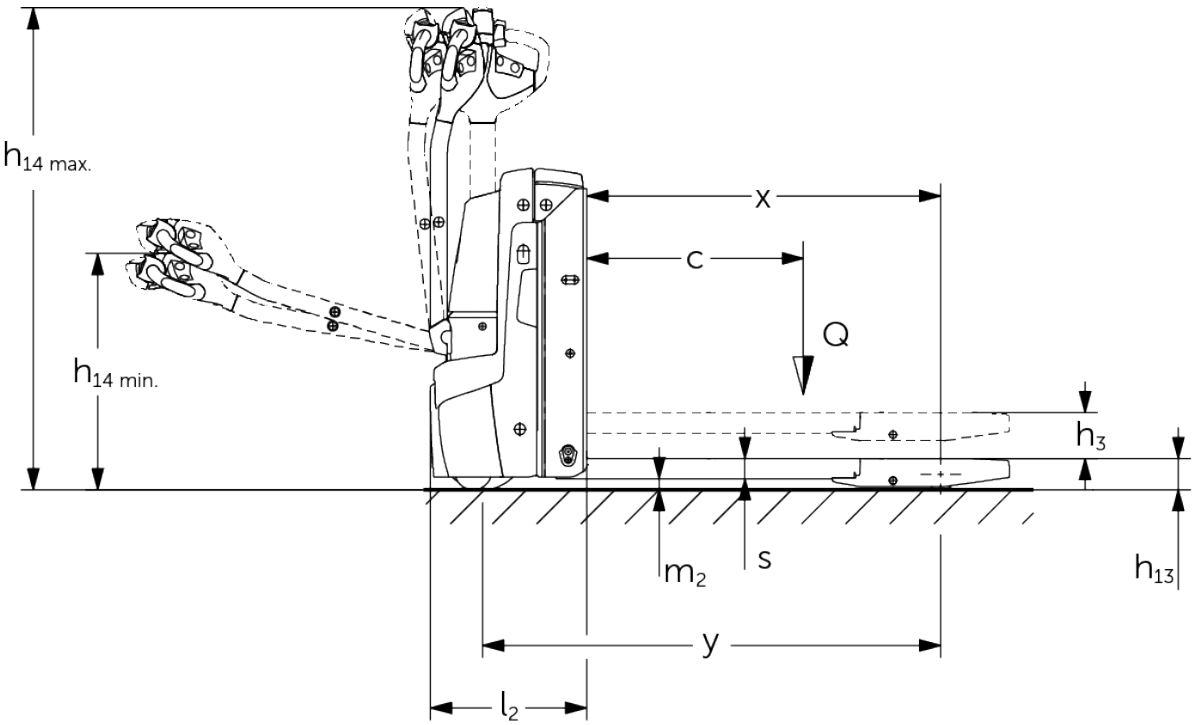
## Electric pedestrian pallet truck

**EJE 114i–120i**

Lift height: 122 mm / Load capacity: 1400-2000 kg



# EJE 114i-120i



## VDI table

|                          |        |                                                     |           |      |                   |                 |            |            |
|--------------------------|--------|-----------------------------------------------------|-----------|------|-------------------|-----------------|------------|------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |           |      | Jungheinrich      |                 |            |            |
|                          | 1.3    | Drive                                               |           |      | Electric          |                 |            |            |
|                          | 1.4    | Operation                                           |           |      | Pedestrian        |                 |            |            |
|                          | 1.5    | Load capacity/load                                  | Q         | kg   | 1400              | 1600            | 1800       | 2000       |
|                          | 1.6    | Load centre distance                                | c         | mm   | 600               |                 |            |            |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x         | mm   | 897               |                 |            |            |
|                          | 1.9    | Wheelbase                                           | y         | mm   | 1180              |                 |            |            |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      |           | kg   | 311               | 315             |            |            |
|                          | 2.2    | Axle load laden front/rear                          |           | kg   | 685 / 1026        | 757 / 1158      | 772 / 1343 | 776 / 1539 |
|                          | 2.3    | Axle load unladen front/rear                        |           | kg   | 244 / 67          | 246 / 69        |            |            |
| Wheels/suspension system | 3.1    | Tyres                                               |           |      | Polyurethane (PU) |                 |            |            |
|                          | 3.2    | Tyre size, front                                    |           |      | Ø 230 x 70        |                 |            |            |
|                          | 3.3    | Tyre size, rear                                     |           |      | Ø 85 x 95         | Ø 85 x 110      |            |            |
|                          | 3.4    | Additional wheels                                   |           |      | Ø 100 x 40        |                 |            |            |
|                          | 3.5    | Wheels, number front/back (x=driven)                |           |      | 1x + 2 / 2        |                 |            |            |
|                          | 3.6    | Tread width, front                                  | b10       | mm   | 510               |                 |            |            |
|                          | 3.7    | Tread width, rear                                   | b11       | mm   | 363               |                 |            |            |
| Basic dimensions         | 4.4    | Lift (h3)                                           | h3        | mm   | 122               |                 |            |            |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14       | mm   | 690 / 1235        |                 |            |            |
|                          | 4.15   | Height, lowered                                     | h13       | mm   | 85                |                 |            |            |
|                          | 4.19   | total length                                        | l1        | mm   | 1575              |                 |            |            |
|                          | 4.20   | Length including fork shank                         | l2        | mm   | 425               |                 |            |            |
|                          | 4.21.1 | total width                                         | b1        | mm   | 720               |                 |            |            |
|                          | 4.22   | Fork dimensions                                     | s/e/<br>l | mm   | 55 x 150 x 1150   | 55 x 172 x 1150 |            |            |
|                          | 4.25   | Width across forks                                  | b5        | mm   | 513               | 535             |            |            |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2        | mm   | 30                |                 |            |            |
|                          | 4.34.1 | Aisle width (pallet 1000×1200 sideways)             | Ast       | mm   | 2173              |                 |            |            |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast       | mm   | 2066              |                 |            |            |
|                          | 4.35   | Turning radius                                      | Wa        | mm   | 1364              |                 |            |            |
| Performance data         | 5.1    | Travel speed laden/unladen                          |           | km/h | 5 / 5             | 6 / 6           |            |            |
|                          | 5.2    | Lift speed laden/unladen                            |           | m/s  | 0.03 / 0.03       | 0.05 / 0.06     |            |            |
|                          | 5.3    | Lowering speed laden/unladen                        |           | m/s  | 0.05 / 0.02       | 0.06 / 0.05     |            |            |
|                          | 5.8    | Max. gradeability laden/unladen                     |           | %    | 8 / 20            | 10 / 20         |            |            |
|                          | 5.10   | Service brake                                       |           |      | generative        |                 |            |            |

|                                                                                                                                                                                                   |       |                                           |        |           |      |      |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|--------|-----------|------|------|------|
| E-motor/Electronics                                                                                                                                                                               | 6.1   | Drive motor, performance S2 60 min        | kW     | 0.9       | 1.1  |      |      |
|                                                                                                                                                                                                   | 6.2   | Lift motor, performance with S3           | kW     | 1.2       |      |      |      |
|                                                                                                                                                                                                   | 6.3   | Battery according to DIN 43531/35/36      |        | no        |      |      |      |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity          | V / Ah | 25.6 / 50 |      |      |      |
|                                                                                                                                                                                                   | 6.5   | Battery weight                            | kg     | 23.8      |      |      |      |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.3       | 0.31 | 0.33 | 0.35 |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent according to EN ISO 23308  | kg/h   | 0.16      | 0.17 | 0.18 | 0.19 |
|                                                                                                                                                                                                   | 6.7   | Throughput                                | t/h    | 59        | 101  | 117  | 129  |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                     |        | AC        |      |      |      |
|                                                                                                                                                                                                   | 10.7  | Sound pressure level according to EN12053 | dB (A) | 61        | 58   |      |      |
| - 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 specified values refer to the XS battery compartment with 50-Ah battery and raised load section.

- VDI no. 1.8: lowered load section:  $x + 67$  mm.
- VDI no. 1.9: with S battery compartment:  $y + 50$  mm; load section:  $y + 67$  mm.
- VDI no. 3.3: applies for single load wheel; EJE 114i: with tandem:  $\emptyset 82 \times 70$ ; with triplex:  $\emptyset 82 \times 35$ ; EJE 116i - 120i: with tandem:  $\emptyset 82 \times 85$ ; with triplex:  $\emptyset 82 \times 42$ .
- VDI no. 4.15: with tandem rollers and triplex rollers  $h_{13}$  is = 83 mm.
- VDI no. 4.19: with S battery compartment:  $l_1 + 50$  mm.
- VDI no. 4.20: with S battery compartment:  $l_2 + 50$  mm.
- VDI no. 4.34.1: with S battery compartment: aisle width + 50 mm.
- VDI no. 4.34.2: with S battery compartment: aisle width + 50 mm.
- VDI no. 4.35: with S battery compartment:  $W_a + 50$  mm; load section lowered:  $W_a + 67$  mm.
- VDI no. 6.2: lift motor, performance with 4.5% ED.

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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