



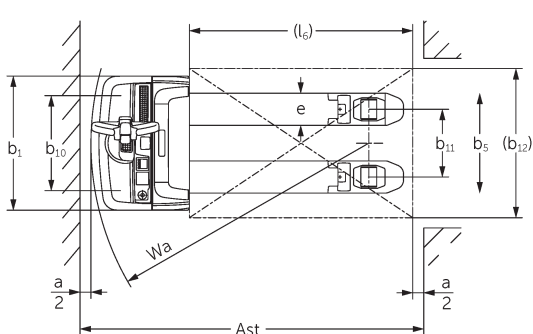
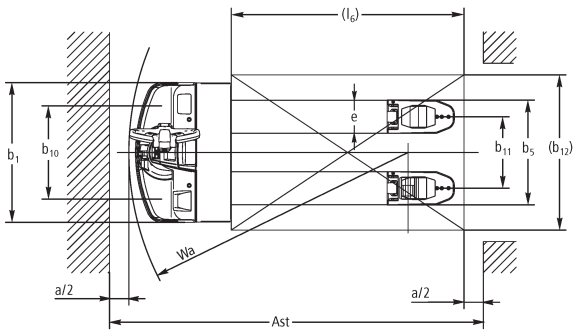
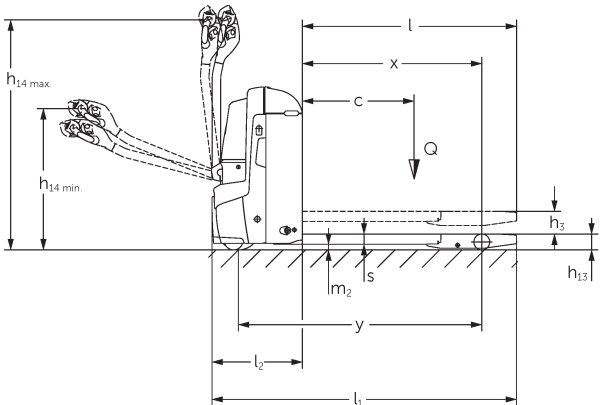
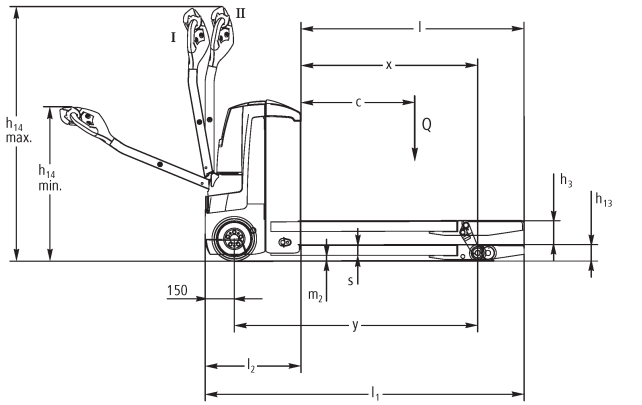
## **Electric pallet truck**

**EJE 114-120**

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

***JUNGHEINRICH***

EJE 114-120



I = Fahrposition normal, II = Fahrposition Schleichfahrt

## VDI table

|                          |         |                                                     |                                |                               |                 |                                |            |
|--------------------------|---------|-----------------------------------------------------|--------------------------------|-------------------------------|-----------------|--------------------------------|------------|
| Characteristic           | 1.1     | Manufacturer (abbreviated description)              |                                | Jungheinrich                  |                 |                                |            |
|                          | 1.2     | Manufacturer's type designation                     |                                | EJE 1                         |                 |                                |            |
|                          | 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                           | 908                           |                 |                                |            |
|                          | 1.9     | Wheelbase                                           | y mm                           | 1252                          |                 |                                |            |
|                          | Weights | 2.1.1                                               | Service weight (incl. battery) | kg                            | 405             | 420                            |            |
| 2.2                      |         | Axle load laden front/rear                          | kg                             | 655 / 1150                    | 695 / 1325      | 760 / 1460                     | 785 / 1635 |
| 2.3                      |         | Axle load unladen front/rear                        | kg                             | 322 / 83                      | 331 / 89        |                                |            |
| 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 / 82 x 70 / 82 x 35 |                 | Ø 85 x 110 / 85 x 85 / 85 x 44 |            |
|                          | 3.4     | Additional wheels                                   |                                | Ø 100 x 40                    |                 |                                |            |
|                          | 3.5     | Wheels, number front/back (x=driven)                |                                | 1x +2/2 oder 4                |                 |                                |            |
|                          | 3.6     | Tread width, front                                  | b10 mm                         | 500                           | 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                         | 750 / 1237                    |                 |                                |            |
|                          | 4.15    | Height, lowered                                     | h13 mm                         | 85                            |                 |                                |            |
|                          | 4.19    | total length                                        | l1 mm                          | 1636                          |                 |                                |            |
|                          | 4.20    | Length including fork shank                         | l2 mm                          | 486                           |                 |                                |            |
|                          | 4.21.1  | total width                                         | b1 mm                          | 720                           |                 |                                |            |
|                          | 4.22    | Fork dimensions                                     | s/ e/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 1000x1200 sideways)             | Ast mm                         | 2240                          |                 |                                |            |
|                          | 4.34.2  | Aisle width (pallet 800x1200 length)                | Ast mm                         | 2128                          |                 |                                |            |
|                          | 4.35    | Turning radius                                      | Wa mm                          | 1433                          |                 |                                |            |
| 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                   | 0.04 / 0.04     |                                |            |
|                          | 5.3     | Lowering speed laden/unladen                        | m/s                            | 0.05 / 0.04                   |                 |                                |            |
|                          | 5.8     | Max. gradeability laden/unladen                     | %                              | 8 / 20                        | 10 / 20         | 9 / 20                         | 8 / 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       |        | B        |      |      |      |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity           | V / Ah | 24 / 150 |      |      |      |
|                                                                                                                                                                                                   | 6.5   | Battery weight                             | kg     | 151      |      |      |      |
|                                                                                                                                                                                                   | 6.6   | Energy consumption according to VDI cycle  | kWh/h  | 0        |      |      |      |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle   | kWh/h  | 0.32     | 0.31 | 0.3  | 0.34 |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796             | kg/h   | 0.2      |      |      |      |
|                                                                                                                                                                                                   | 6.7   | Throughput                                 | t/h    | 67       | 93   | 104  | 117  |
|                                                                                                                                                                                                   | 6.8.1 | Energy consumption with max. throughput    | kWh/h  | 0.49     | 0.66 | 0.62 | 0.7  |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                      |        | AC       |      |      |      |
|                                                                                                                                                                                                   | 10.7  | Sound level as per EN12053, operator's ear | dB (A) | 61       |      |      |      |
| - 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. |       |                                            |        |          |      |      |      |

- VDI no. 4.33: lowered load section: + 50 mm
- VDI no. 1.8: 1.9: 4.35: lowered load section: + 56 mm
- VDI no. 4.33.4: lowered load section: + 68 mm
- VDI no. 1.9: 4.19: 4.19.1: 4.20: 4.33: 4.33.4: 4.35: with lateral battery exchange: M = S + 69 mm; L / M LBE = S + 141 mm; L LBE = S + 194 mm

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified as well as our Genuine Parts  
Center in Kaltenkirchen.

ISO 9001  
ISO 14001

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