



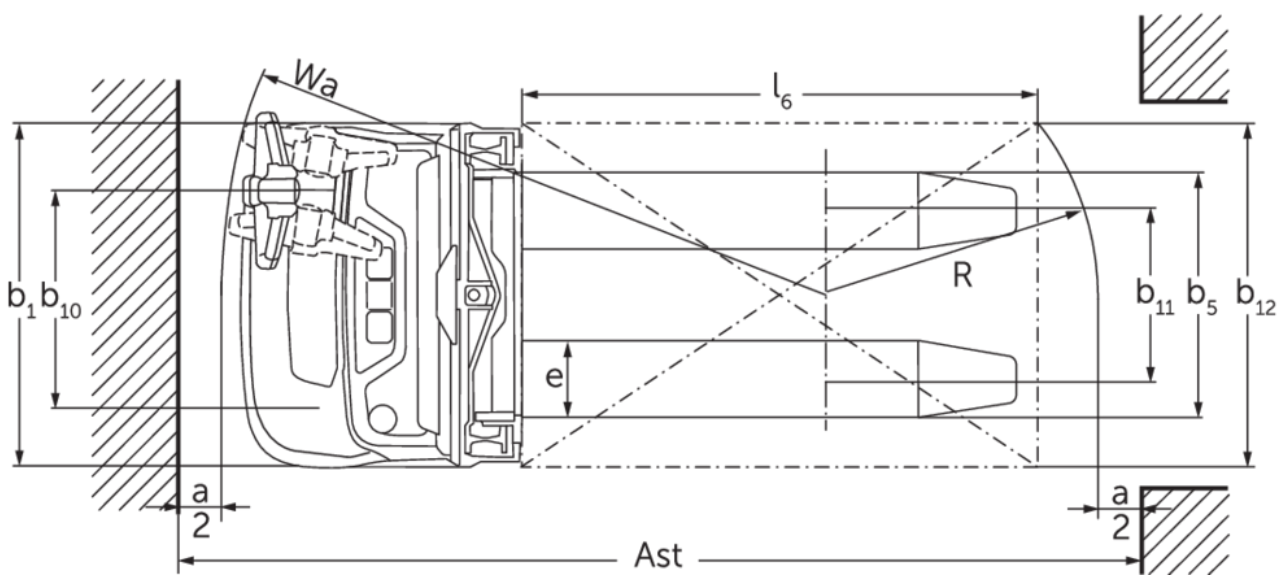
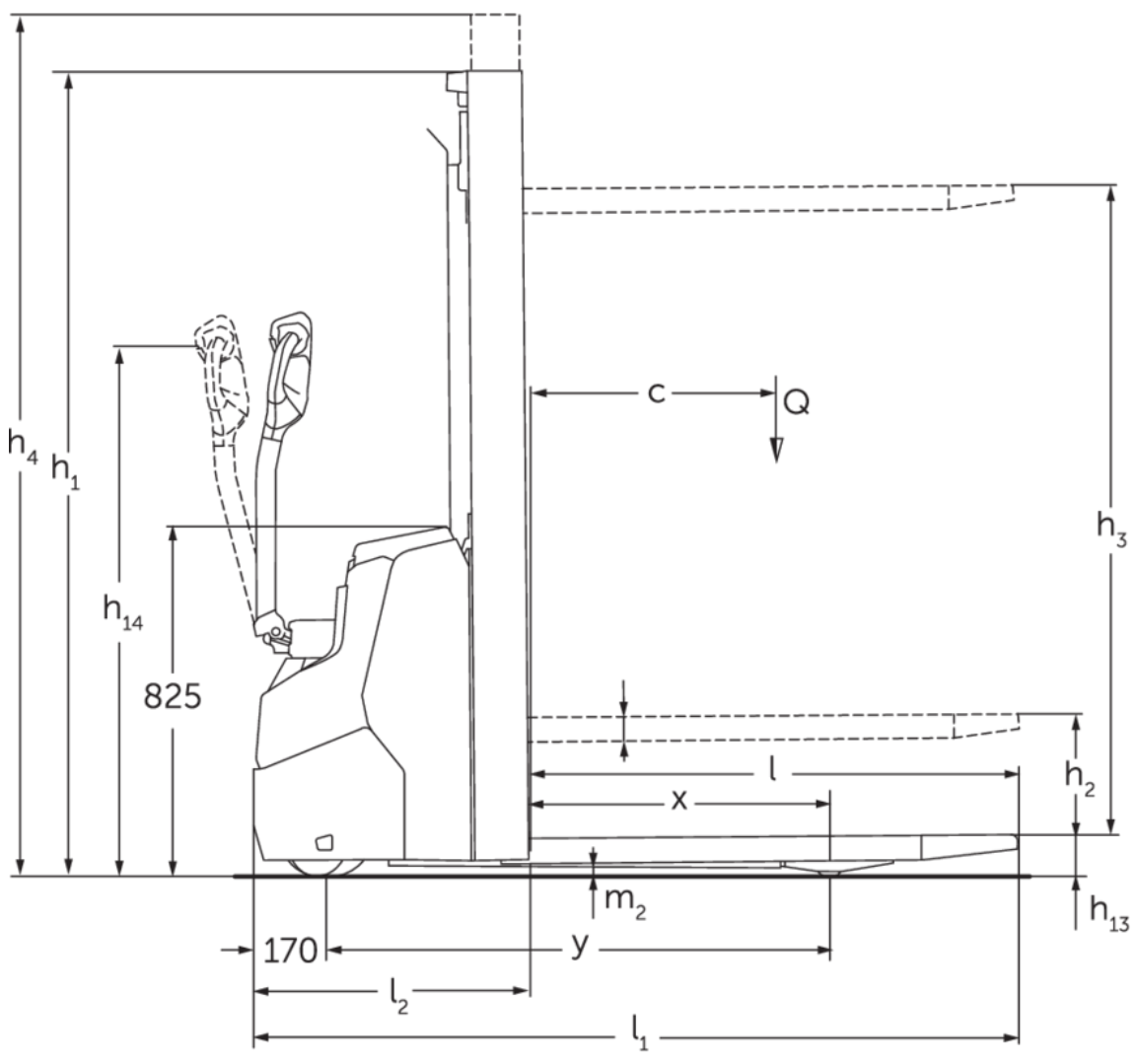
## Electric pedestrian stacker

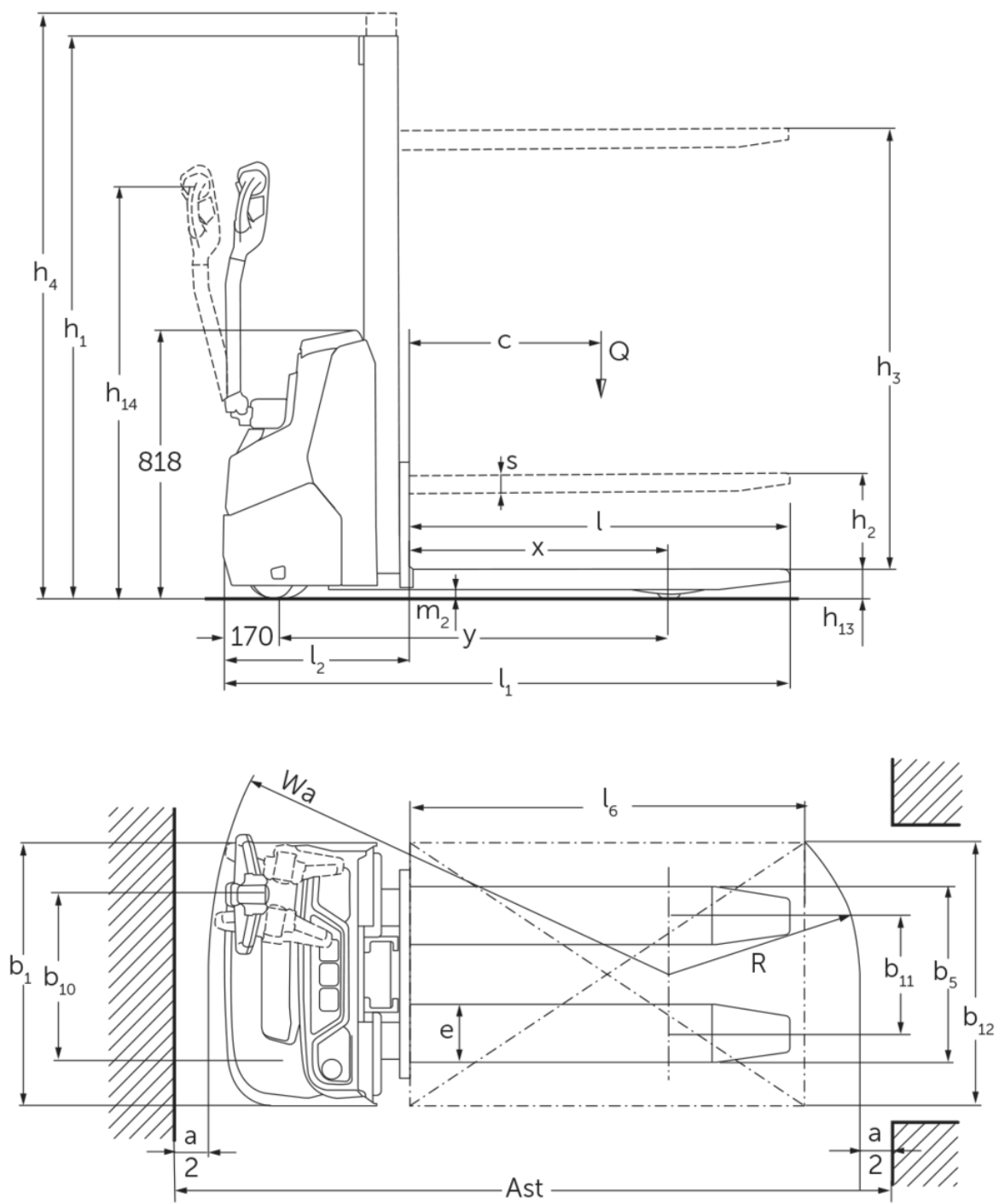
**EJC 110i / 112i**

Lift height: 1200-4700 mm / Load capacity: 1000-1200 kg



EJC 110i / 112i





## EJC 110i / 112i

| EJC 110i, EJC 112i |         | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|--------------------|---------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT     | 2300 mm | 1650 mm   | 100 mm                     | 2775 mm        |                           |
|                    | 2500 mm | 1750 mm   | 100 mm                     | 2975 mm        |                           |
|                    | 2700 mm | 1850 mm   | 100 mm                     | 3175 mm        |                           |
|                    | 2900 mm | 1950 mm   | 100 mm                     | 3375 mm        |                           |
|                    | 3200 mm | 2100 mm   | 100 mm                     | 3675 mm        |                           |
|                    | 3600 mm | 2300 mm   | 100 mm                     | 4075 mm        |                           |
|                    | 3900 mm | 2450 mm   | 100 mm                     | 4375 mm        |                           |
| EJC 112i           |         | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
| Duplex mast ZT     | 4100 mm | 2550 mm   | 100 mm                     | 4575 mm        |                           |
|                    | 4300 mm | 2650 mm   | 100 mm                     | 4775 mm        |                           |
| Triplex mast DZ    | 4700 mm | 2050 mm   | 1564 mm                    | 5213 mm        |                           |

## VDI table

|                          |        |                                                     |           |      |                       |                  |                     |
|--------------------------|--------|-----------------------------------------------------|-----------|------|-----------------------|------------------|---------------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |           |      | Jungheinrich          |                  |                     |
|                          | 1.3    | Drive                                               |           |      | Electric              |                  |                     |
|                          | 1.4    | Operation                                           |           |      | Pedestrian            |                  |                     |
|                          | 1.5    | Load capacity/load                                  | Q         | kg   | 1000                  | 1200             |                     |
|                          | 1.6    | Load centre distance                                | c         | mm   | 600                   |                  |                     |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x         | mm   | 783                   | 707              |                     |
|                          | 1.9    | Wheelbase                                           | y         | mm   | 1171                  | 1141             |                     |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      |           | kg   | 480                   | 665              | 675                 |
|                          | 2.2    | Axle load laden front/rear                          |           | kg   | 500 / 980             | 556 / 1109       | 580 / 1295          |
|                          | 2.3    | Axle load unladen front/rear                        |           | kg   | 350 / 130             | 465 / 200        | 475 / 200           |
| Wheels/suspension system | 3.1    | Tyres                                               |           |      | Polyurethane (PU)     |                  |                     |
|                          | 3.2    | Tyre size, front                                    |           |      | Ø 210 x 70            | Ø 230 x 70       |                     |
|                          | 3.3    | Tyre size, rear                                     |           |      | Ø 75 x 70 / Ø 75 x 45 | ø75x105 / ø75x80 | Ø 75 x 105 / ø75x80 |
|                          | 3.4    | Additional wheels                                   |           |      | Ø 140 x 54            |                  |                     |
|                          | 3.5    | Wheels, number front/back (x=driven)                |           |      | 1x +1/2               |                  |                     |
|                          | 3.6    | Tread width, front                                  | b10       | mm   | 507                   |                  |                     |
|                          | 3.7    | Tread width, rear                                   | b11       | mm   | 394                   | 405              |                     |
| Basic dimensions         | 4.2    | Retracted mast height (h1)                          | h1        | mm   | 1970                  | 1950             |                     |
|                          | 4.3    | Free lift (h2)                                      | h2        | mm   | 1540                  | 100              |                     |
|                          | 4.4    | Lift (h3)                                           | h3        | mm   | 1540                  | 2900             |                     |
|                          | 4.5    | Extended mast height (h4)                           | h4        | mm   | 1970                  | 3375             |                     |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14       | mm   | 750 / 1260            |                  |                     |
|                          | 4.15   | Height, lowered                                     | h13       | mm   | 90                    |                  |                     |
|                          | 4.19   | total length                                        | l1        | mm   | 1714                  | 1754             |                     |
|                          | 4.20   | Length including fork shank                         | l2        | mm   | 564                   | 604              |                     |
|                          | 4.21.1 | total width                                         | b1        | mm   | 800                   |                  |                     |
|                          | 4.22   | Fork dimensions                                     | s/e/<br>l | mm   | 60 x 178 x 1150       |                  |                     |
|                          | 4.25   | Width across forks                                  | b5        | mm   | 535                   | 570              |                     |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2        | mm   | 27                    | 24               |                     |
|                          | 4.34.1 | Aisle width (pallet 1000×1200 sideways)             | Ast       | mm   | 1961                  | 2002             |                     |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast       | mm   | 2011                  | 2052             |                     |
|                          | 4.35   | Turning radius                                      | Wa        | mm   | 1394                  | 1359             |                     |
| Performance data         | 5.1    | Travel speed laden/unladen                          |           | km/h | 5.3 / 5.3             | 6 / 6            |                     |
|                          | 5.2    | Lift speed laden/unladen                            |           | m/s  | 0.15 / 0.25           | 0.15 / 0.27      | 0.17 / 0.33         |
|                          | 5.3    | Lowering speed laden/unladen                        |           | m/s  | 0.15 / 0.15           | 0.34 / 0.34      | 0.45 / 0.37         |
|                          | 5.8    | Max. gradeability laden/unladen                     |           | %    | 6 / 10                | 6 / 14           |                     |
|                          | 5.10   | Service brake                                       |           |      | generative            |                  |                     |

|                     |       |                                           |        |         |          |
|---------------------|-------|-------------------------------------------|--------|---------|----------|
| E-motor/Electronics | 6.1   | Drive motor, performance S2 60 min        | kW     | 1       | 0.9      |
|                     | 6.2   | Lift motor, performance with S3           | kW     | 1.2     | 2.2 2.8  |
|                     | 6.3   | Battery according to DIN 43531/35/36      |        | no      |          |
|                     | 6.4   | Battery voltage/nominal capacity          | V / Ah | 24 / 50 | 24 / 100 |
|                     | 6.5   | Battery weight                            | kg     | 24      | 35       |
|                     | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.35    | 0.66     |
|                     | 6.6.2 | CO2 equivalent according to EN ISO 23308  | kg/h0  | 0.2     | 0.4      |
| Other               | 8.1   | Type of drive control                     |        | AC      |          |
|                     | 10.7  | Sound pressure level according to EN12053 | dB (A) | 64      | 65       |

- 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 following applies to the EJC 110i / 112i:

The values in the table apply for the XS battery compartment, ZT2900 mast, battery 100 Ah.

- VDI no. 1.8: with DZ mast: x - 40 mm
- VDI no. 1.9: with S battery compartment: y + 50 mm.
- VDI no. 4.19: with S battery compartment: l1 + 50 mm. with DZ mast: l1 + 40 mm.
- VDI no. 4.20: with S battery compartment: l2 + 50 mm; with DZ mast: l2 + 40 mm.
- VDI no. 4.34.1: diagonal as per VDI: aisle width + 225 mm; with S battery compartment: aisle width + 48; with DZ mast: aisle width + 40 mm.
- VDI no. 4.34.2: diagonal as per VDI: aisle width + 142 mm; with S battery compartment: aisle width + 48 mm. With DZ mast: aisle width + 40 mm.
- VDI no. 4.35: with S battery compartment: Wa + 48 mm.
- VDI no. 6.2: EJC 110i: S3 5%; EJC 112i: S3 13%

The following applies for EJC 110i (E):

The values in the table apply for the MM 1540 mast.

- VDI no. 4.3: Free lift (h2) - 34 mm.
- VDI no. 4.4: Lift (h3) - 30 mm.
- VDI no. 4.5: Extended mast height (h4) + 34 mm.
- VDI no. 4.34.1: diagonal as per VDI: aisle width + 271 mm.
- VDI no. 4.34.2: diagonal as per VDI: aisle width + 161 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

Jungheinrich fork lift trucks meet European  
safety requirements.



 **JUNGHEINRICH**