

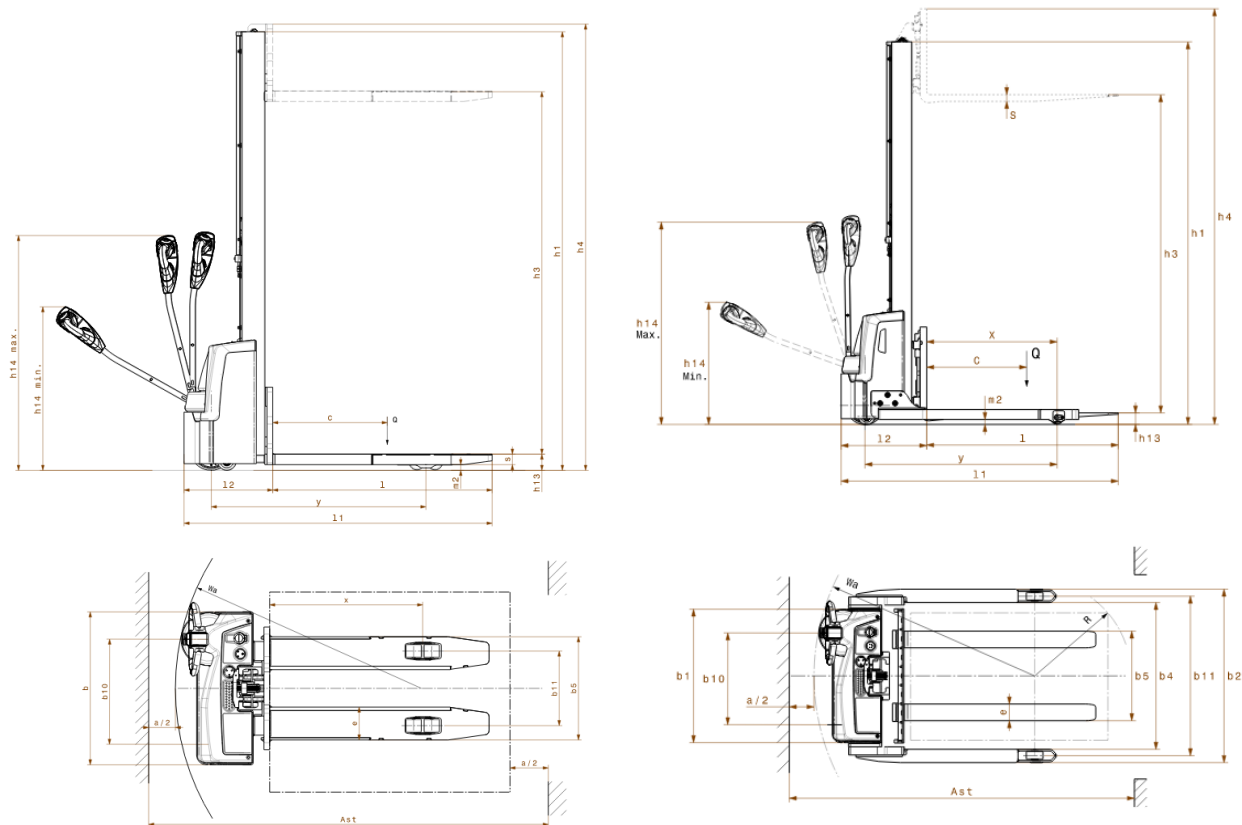


## **Electric pedestrian stacker** **EJC BA 110 / B10 E**

Load capacity: 1000 kg



EJC BA 110 / B10 E



# EJC BA 110 / B10 E

| EJC BA 110 E, EJC BA B10 E | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|----------------------------|-----------|----------------------------|----------------|---------------------------|
| Single mast E              | 1540 mm   | 1935 mm                    | 100 mm         | 1975 mm                   |
|                            | 1900 mm   | 2295 mm                    | 100 mm         | 2335 mm                   |

# VDI table

|                          |        |                                                     |          |                 |                   |
|--------------------------|--------|-----------------------------------------------------|----------|-----------------|-------------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich    |                   |
|                          | 1.2    | Manufacturer's type designation                     |          | EJC BA 110 E    | EJC BA B10 E      |
|                          | 1.3    | Drive                                               |          | Electric        |                   |
|                          | 1.4    | Operation                                           |          | Pedestrian      |                   |
|                          | 1.5    | Load capacity/load                                  | Q kg     | 1000            |                   |
|                          | 1.6    | Load centre distance                                | c mm     | 600             |                   |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 803             | 783               |
|                          | 1.9    | Wheelbase                                           | y mm     | 1125            | 1154              |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      | kg       | 460             | 602               |
|                          | 2.2    | Axle load laden front/rear                          | kg       | 622 / 838       | 560 / 1042        |
|                          | 2.3    | Axle load unladen front/rear                        | kg       | 350 / 110       | 430 / 172         |
| Wheels/suspension system | 3.1    | Tyres                                               |          | TPU/PU          | Polyurethane (PU) |
|                          | 3.2    | Tyre size, front                                    |          | Ø210x70         |                   |
|                          | 3.3    | Tyre size, rear                                     |          | Ø80x70          | Ø80x98            |
|                          | 3.4    | Additional wheels                                   |          | Ø100x50         | Ø80x48            |
|                          | 3.5    | Wheels, number front/back (x=driven)                |          | 1x+1/4          | 1x+1/2            |
|                          | 3.6    | Tread width, front                                  | b10 mm   | 550             |                   |
|                          | 3.7    | Tread width, rear                                   | b11 mm   | 390             | 1002              |
| Basic dimensions         | 4.2    | Retracted mast height (h1)                          | h1 mm    | 1935            |                   |
|                          | 4.3    | Free lift (h2)                                      | h2 mm    | 100             |                   |
|                          | 4.4    | Lift (h3)                                           | h3 mm    | 1540            |                   |
|                          | 4.5    | Extended mast height (h4)                           | h4 mm    | 1975            | 2125              |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 800 / 1240      |                   |
|                          | 4.15   | Height, lowered                                     | h13 mm   | 85              |                   |
|                          | 4.19   | total length                                        | l1 mm    | 1615            | 1664              |
|                          | 4.20   | Length including fork shank                         | l2 mm    | 465             | 514               |
|                          | 4.21.1 | total width                                         | b1 mm    | 800             |                   |
|                          | 4.22   | Fork dimensions                                     | s/e/l mm | 55 x 172 x 1150 | 40 x 100 x 1150   |
|                          | 4.25   | Width across forks                                  | b5 mm    | 540             | 316               |
|                          | 4.26   | Width between support arms/loading areas            | b4 mm    | -               | 882               |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2 mm    | 30              | 35                |
|                          | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 2127            | 2163              |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2059            | 2100              |
|                          | 4.35   | Turning radius                                      | Wa mm    | 1295            | 1325              |

|                                                                                                                                                                                                   |       |                                            |        |                               |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|--------|-------------------------------|---|
| Performance data                                                                                                                                                                                  | 5.1   | Travel speed laden/unladen                 | km/h   | 5 / 5                         |   |
|                                                                                                                                                                                                   | 5.2   | Lift speed laden/unladen                   | m/s    | 0.12 / 0.22                   |   |
|                                                                                                                                                                                                   | 5.3   | Lowering speed laden/unladen               | m/s    | 0.15 / 0.13                   |   |
|                                                                                                                                                                                                   | 5.8   | Max. gradeability laden/unladen            | %      | 6 / 16                        |   |
|                                                                                                                                                                                                   | 5.10  | Service brake                              |        | electric                      |   |
| E-motor/Electronics                                                                                                                                                                               | 6.1   | Drive motor, performance S2 60 min         | kW     | 1                             |   |
|                                                                                                                                                                                                   | 6.2   | Lift motor, performance with S3            | kW     | 2.2                           |   |
|                                                                                                                                                                                                   | 6.3   | Battery according to DIN 43531/35/36       |        | no                            |   |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity           | V / Ah | 24 / 50                       |   |
|                                                                                                                                                                                                   | 6.5   | Battery weight                             | kg     | 15                            |   |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle   | kWh/h  | 0.47                          |   |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796             | kg/h   | 0.3                           |   |
|                                                                                                                                                                                                   | 6.7   | Throughput                                 | t/h    | 26                            | - |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                      |        | BLDC brushless direct current |   |
|                                                                                                                                                                                                   | 10.7  | Sound level as per EN12053, operator's ear | dB (A) | 63                            |   |
| - 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. |       |                                            |        |                               |   |

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ISO 9001  
ISO 14001

 **JUNGHEINRICH**