

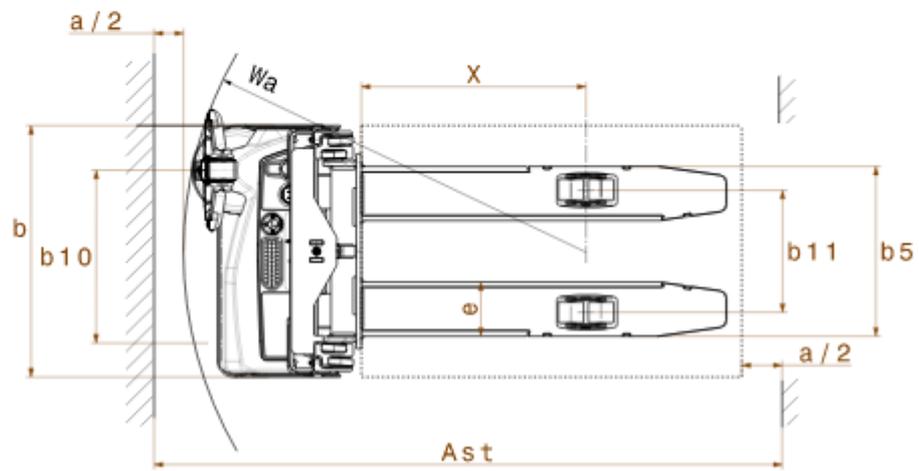
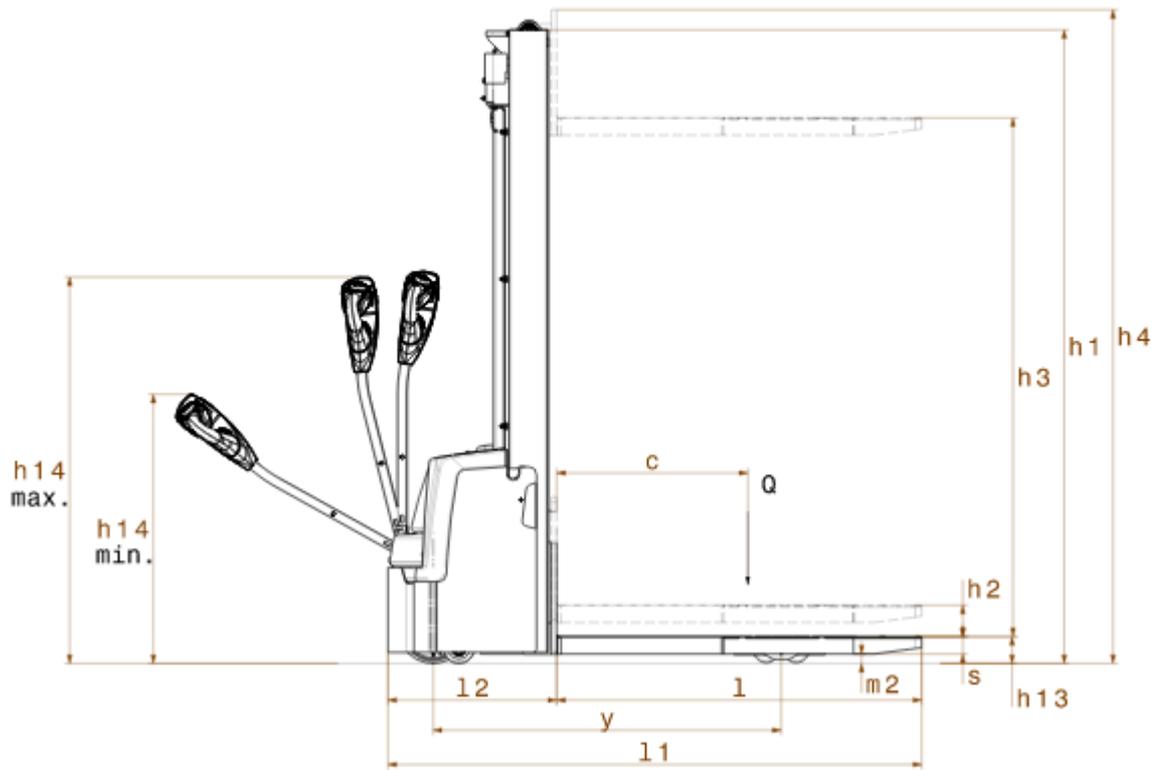


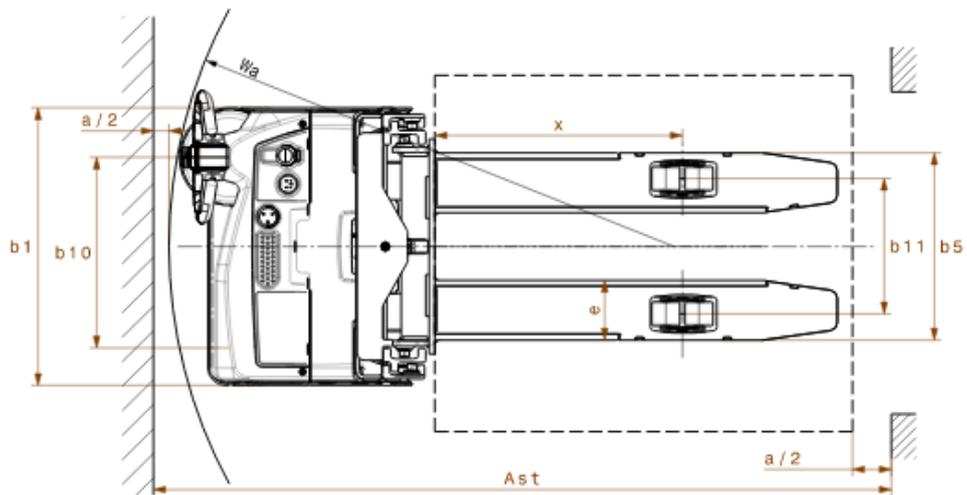
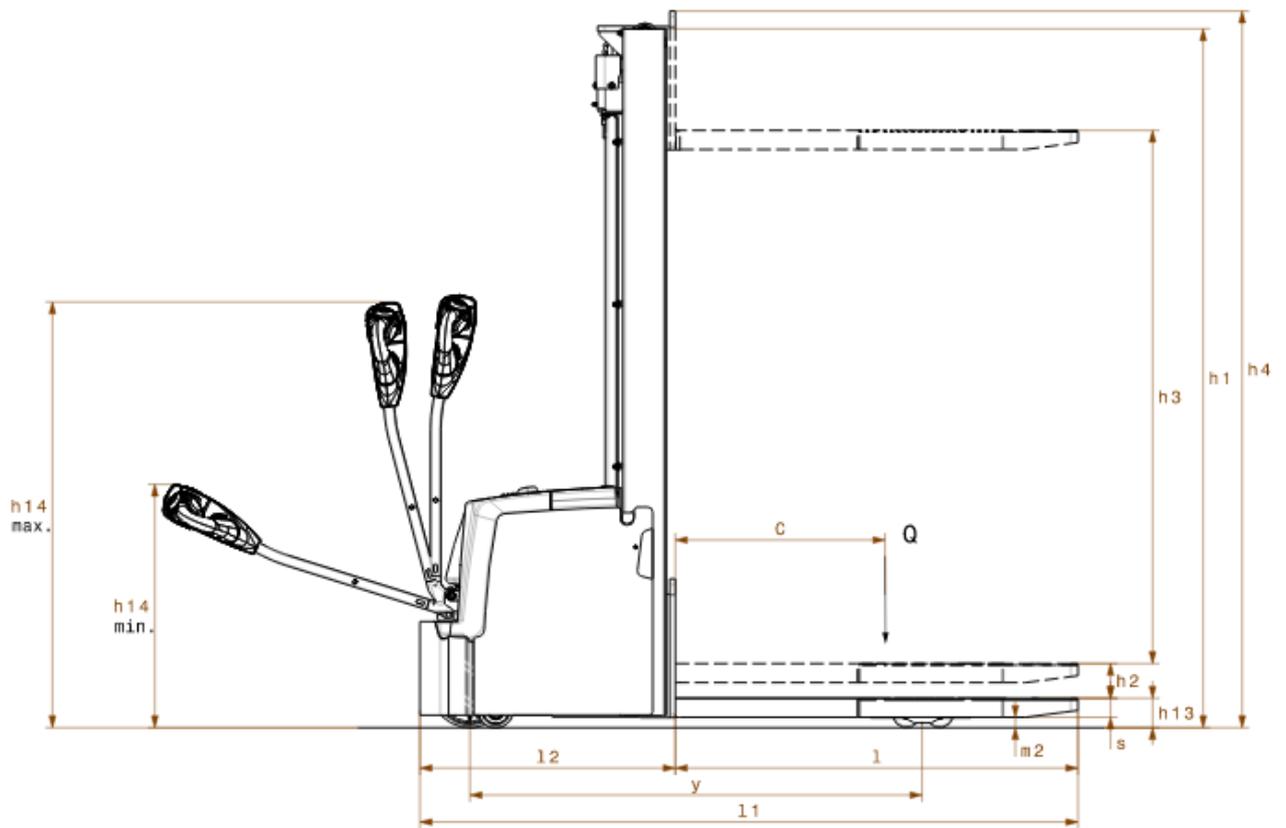
## **Electric pedestrian stacker** **EJC BA 110 / 113 ZT**

Load capacity: 1000-1300 kg



# EJC BA 110 / 113 ZT





# EJC BA 110 / 113 ZT

| EJC BA 110 ZT, EJC BA 113 ZT | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|------------------------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT               | 2300 mm   | 1615 mm                    | 100 mm         | 2730 mm                   |
|                              | 2500 mm   | 1715 mm                    | 100 mm         | 2930 mm                   |
|                              | 2900 mm   | 1915 mm                    | 100 mm         | 3330 mm                   |
|                              | 3300 mm   | 2115 mm                    | 100 mm         | 3730 mm                   |

## VDI table

|                  |                                      |   |                                | Jungheinrich  |                 |            |      |
|------------------|--------------------------------------|---|--------------------------------|---------------|-----------------|------------|------|
| Characteristic   | 1.1                                  | Manufacturer (abbreviated description)              |                                |               |                 |            |      |
|                  | 1.2                                  | Manufacturer's type designation                     |                                | EJC BA 110 ZT | EJC BA 113 ZT   |            |      |
|                  | 1.3                                  | Drive type  |                                | electric      |                 |            |      |
|                  | 1.4                                  | Operation   |                                | Pedestrian    |                 |            |      |
|                  | 1.5                                  | Load capacity/load                                  | Q                              | kg            | 1000            | 1300       |      |
|                  | 1.6                                  | Load centre distance                                | c                              | mm            | 600             |            |      |
|                  | 1.8                                  | Load distance, centre of drive axle to fork         | x                              | mm            | 710             |            |      |
|                  | 1.9                                  | Wheelbase   | y                              | mm            | 1098            | 1296       |      |
|                  | Weights                              | 2.1.1   | Service weight (incl. battery) |               | kg              | 551        | 695  |
| 2.2              |                                      | Axle load laden front/rear                          |                                | kg            | 468 / 1083      | 560 / 1435 |      |
| 2.3              |                                      | Axle load unladen front/rear                        |                                | kg            | 405 / 146       | 465 / 230  |      |
| Wheels/chassis   | 3.1                                  | Tyres   |                                | TPU/PU        |                 |            |      |
|                  | 3.2                                  | Tyre size, front                                    |                                | Ø210x70       |                 |            |      |
|                  | 3.3                                  | Tyre size, rear                                     |                                | Ø80x70        |                 |            |      |
|                  | 3.4                                  | Additional wheels                                   |                                | Ø100x50       |                 |            |      |
|                  | 3.5                                  | Wheels, number front/back (x=driven)                |                                | 1x+1/4        |                 |            |      |
|                  | 3.6                                  | Tread width, front                                  | b10                            | mm            | 550             |            |      |
|                  | 3.7                                  | Tread width, rear                                   | b11                            | mm            | 390             |            |      |
| Basic dimensions | 4.2                                  | Retracted mast height (h1)                          |                                | h1            | mm              | 1615       |      |
|                  | 4.3                                  | Free lift (h2)                                      |                                | h2            | mm              | 100        |      |
|                  | 4.4                                  | Lift (h3)   |                                | h3            | mm              | 2300       |      |
|                  | 4.5                                  | Extended mast height (h4)                           |                                | h4            | mm              | 2730       |      |
|                  | 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            | 1685            | 1880       |      |
|                  | 4.20                                 | Length including fork shank                         |                                | l2            | mm              | 535        | 728  |
|                  | 4.21.1                               | total width   |                                | b1            | mm              | 800        |      |
|                  | 4.22                                 | Fork dimensions                                     | s/e/<br>l                      | mm            | 55 x 172 x 1150 |            |      |
|                  | 4.25                                 | Width across forks                                  |                                | b5            | mm              | 540        |      |
|                  | 4.32                                 | Ground clearance centre of wheelbase                |                                | m2            | mm              | 30         |      |
|                  | 4.34.1                               | Aisle width (pallet 1000x1200 sideways)             |                                | Ast           | mm              | 2136       | 2330 |
| 4.34.2           | Aisle width (pallet 800x1200 length) |   | Ast                            | mm            | 2103            | 2297       |      |
| 4.35             | Turning radius                       |   | Wa                             | mm            | 1270            | 1464       |      |
| 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   |      |

|                            |       |   |        |                               |          |
|----------------------------|-------|---|--------|-------------------------------|----------|
| Electric 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                       | 24 / 100 |
|                            | 6.5   | Battery weight                            | kg     | 15                            | 30       |
|                            | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.47                          | 0.57     |
|                            | 6.6.2 | CO2 equivalent as per EN 16796            | kg/h   | 0.3                           |          |
|                            | 6.7   | Throughput                                | t/h    | 26                            | 32       |
| Other                      | 8.1   | Type of drive control                     |        | BLDC brushless direct current |          |
|                            | 10.7  | Sound pressure level according to EN12053 | 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.