

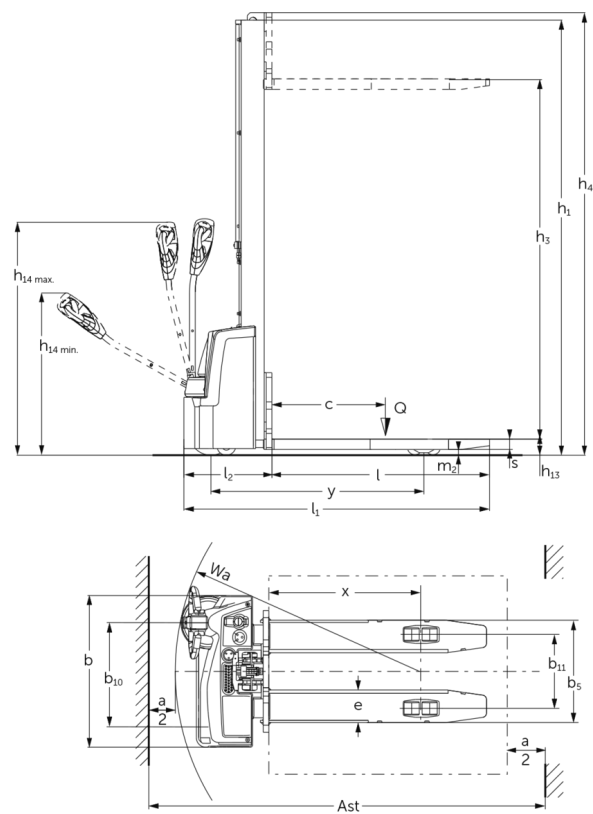


## **Electric pedestrian stacker** **EJC M10 E / M10b E**

Lift height: 1540-1900 mm / Load capacity: 1000 kg



EJC M10 E / M10b E



# VDI table

|                          |        |                                                     |          |                 |
|--------------------------|--------|-----------------------------------------------------|----------|-----------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich    |
|                          | 1.2    | Manufacturer's type designation                     |          | EJC M10 E 1900  |
|                          | 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             |
|                          | 1.9    | Wheelbase                                           | y mm     | 1125            |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      | kg       | 478             |
|                          | 2.2    | Axle load laden front/rear                          | kg       | 630 / 848       |
|                          | 2.3    | Axle load unladen front/rear                        | kg       | 360 / 118       |
| Wheels/suspension system | 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    | 2295            |
|                          | 4.3    | Free lift (h2)                                      | h2 mm    | 1860            |
|                          | 4.4    | Lift (h3)                                           | h3 mm    | 1900            |
|                          | 4.5    | Extended mast height (h4)                           | h4 mm    | 2335            |
|                          | 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            |
|                          | 4.20   | Length including fork shank                         | l2 mm    | 465             |
|                          | 4.21.1 | total width                                         | b1 mm    | 800             |
|                          | 4.22   | Fork dimensions                                     | s/e/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   | 2127            |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2059            |
|                          | 4.35   | Turning radius                                      | Wa mm    | 1295            |

|                                                                                                                                                                                                   |       |                                            |        |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|--------|-------------------------------|
| 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   | Energy consumption according to VDI cycle  | kWh/h  | 0.54                          |
|                                                                                                                                                                                                   | 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                           |
| 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. |       |                                            |        |                               |

For EJC M10b:

- VDI no. 3.7: depending on the set tread width: b11 = 1,002 mm / 1,132 mm / 1,332 mm (sorted according to tread width).
- VDI no. 4.21.1: depending on the set tread width: b1 = 1,042 mm / 1,212 mm / 1,412 mm (listed according to tread width).
- VDI no. 4.25: grid in fork carrier: b5 = 316 mm / 484 mm / 545 mm / 621 mm / 663 mm / 706 mm.
- VDI no. 4.26: depending on the set tread width: b4 = 882 mm / 1,052 mm / 1,252 mm (sorted according to tread width).

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**