


# Electric pedestrian stacker

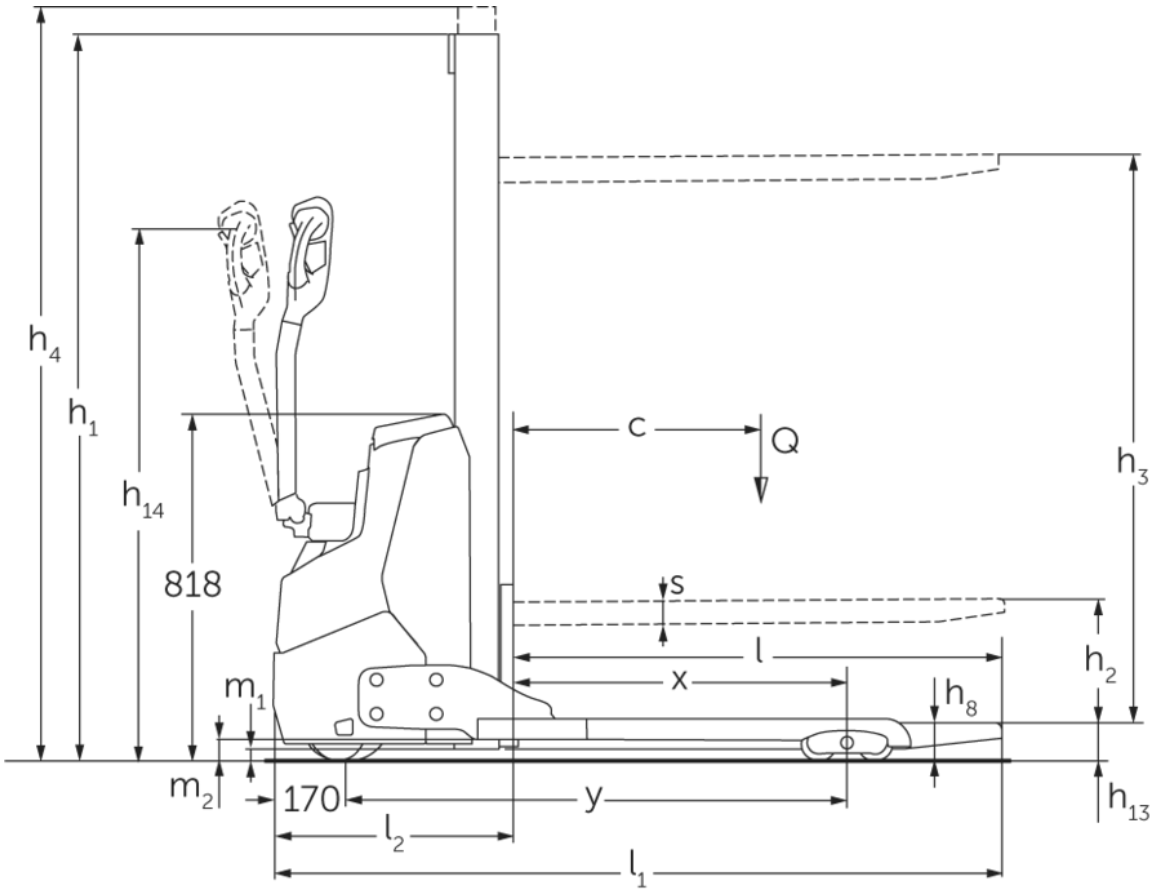
## EJC 110bi

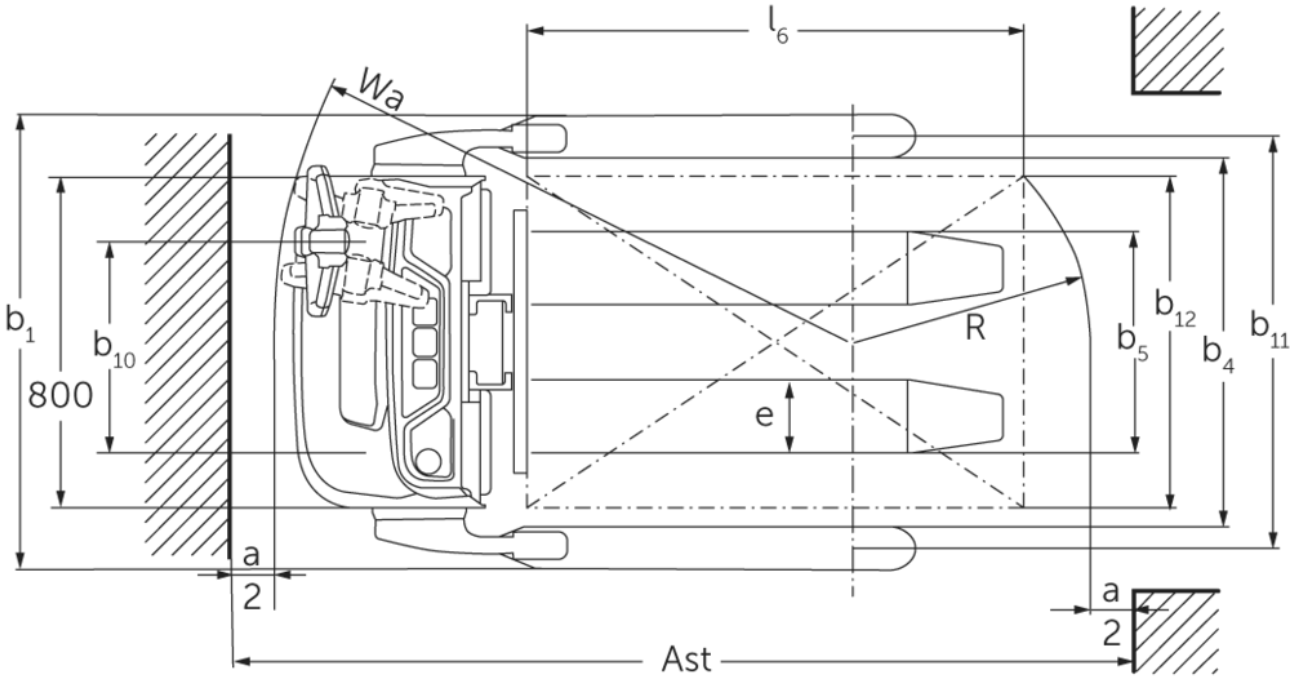
Lift height: 1170-1970 mm / Load capacity: 1000 kg

LI ION technology

JUNGHEINRICH

## EJC 110bi


h4
h1
h14
818
m1
m2
170
c
Q
s
l
x
y
l2
l1
h3
h2
h8
h13


l6
Wa
b1
b10
800
a
2
R
e
b5
b12
b4
b11
Ast

# EJC 110bi

| EJC 110bi | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|---|---|---|---|---|
| Mono Mast MM | 1170 mm | 1710 mm | 1170 mm | 1710 mm |
| | 1510 mm | 1970 mm | 1510 mm | 1970 mm |
| | 1970 mm | 2430 mm | 1970 mm | 2430 mm |

# VDI table

| | | | | | |
|---|---|---|---|---|---|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | Jungheinrich |
| | 1.2 | Manufacturer's type designation | | | EJC 110bi |
| | 1.3 | Drive type | | | electric |
| | 1.4 | Operation | | | Pedestrian/tiller |
| | 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 | 810 |
| | 1.9 | Wheelbase | y | mm | 1204 |
| Weights | 2.1.1 | Service weight (incl. battery) | | kg | 515 |
| | 2.2 | Axle load laden front/rear | | kg | 545 / 970 |
| | 2.3 | Axle load unladen front/rear | | kg | 370 / 145 |
| Wheels/chassis | 3.1 | Tyres | | | Polyurethane (PU) |
| | 3.2 | Tyre size, front | | | Ø 210 x 70 |
| | 3.3 | Tyre size, rear | | | - / Ø 85 x 75 |
| | 3.4 | Additional wheels | | | Ø 140x 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 | 992 |
| | 3.7.1 | 2. Tread width, rear | | mm | 1162 |
| | 3.7.2 | 3. Tread width, rear | | mm | 1362 |
| Basic dimensions | 4.2 | Retracted mast height (h1) | h1 | mm | 1970 |
| | 4.3 | Free lift (h2) | h2 | mm | 1510 |
| | 4.4 | Lift (h3) | h3 | mm | 1510 |
| | 4.5 | Extended mast height (h4) | h4 | mm | 1970 |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 750 / 1260 |
| | 4.19 | Total length | l1 | mm | 1714 |
| | 4.20 | Length including fork shank | l2 | mm | 564 |
| | 4.21.1 | total width | b1 | mm | 1098 |
| | 4.22 | Fork dimensions | s/e/l | mm | 60 x 178 x 1150 |
| | 4.25 | Width across forks | b5 | mm | 535 |
| | 4.26 | Width between support arms/loading areas | b4 | mm | 891 |
| | 4.32 | Ground clearance centre of wheelbase | m2 | mm | 51 |
| | 4.34.1 | Aisle width (pallet 1000×1200 sideways) | Ast | mm | 1960 |
| | 4.34.2 | Aisle width (pallet 800x1200 length) | Ast | mm | 2010 |
| | 4.35 | Turning radius | Wa | mm | 1420 |
| Performance data | 5.1 | Travel speed laden/unladen | | km/h | 5.3 / 5.3 |
| | 5.2 | Lift speed laden/unladen | | m/s | 0.15 / 0.25 |
| | 5.3 | Lowering speed laden/unladen | | m/s | 0.15 / 0.15 |
| | 5.7 | Gradeability laden/unladen | | % | 6 / 10 |
| | 5.10 | Service brake | | | generative |

| | | | | |
|---|---|---|---|---|
| Electric motor/electronics | 6.1 | Drive motor, performance S2 60 min | kW | 1 |
| | 6.2 | Lift motor, performance with S3 | kW | 1.2 |
| | 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 | 24 |
| | 6.6.1 | Energy consumption according to EN cycle | kWh/h | 0.35 |
| | 6.6.2 | CO2 equivalent according to EN ISO 23308 | kg/h | 0.19 |
| Other | 8.1 | Type of drive control | | AC |
| | 10.7 | Sound pressure level according to EN12053 | dB (A) | 64 |

- 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.

Values for MM 1540 mast (fixed lift carriage)

- VDI no. 1.8: for mast with fork carriage: x - 42 mm.
- VDI no. 4.3: for mast with fork carriage: h2 - 30 mm.
- VDI no. 4.4: for mast with fork carriage: h3 - 30 mm.
- VDI no. 4.5: for mast with fork carriage: h4 + 101 mm.
- VDI no. 4.19: for mast with fork carriage: l1 - 42 mm.
- VDI no. 4.20: for mast with fork carriage: l2 - 42 mm.
- VDI no. 4.21.1: support arm width b1 available in 3 dimensions: 1,098 / 1,268 / 1,468 mm.
- VDI no. 4.34.1: for version with b1 = 1,468 mm; diagonal as per VDI: aisle width + +398 mm: for mast with fork carriage: aisle width + 42 mm.
- VDI no. 4.34.2: diagonal as per VDI: aisle width + 169 mm: for mast with fork carriage: aisle width + 42 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.

CE

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