

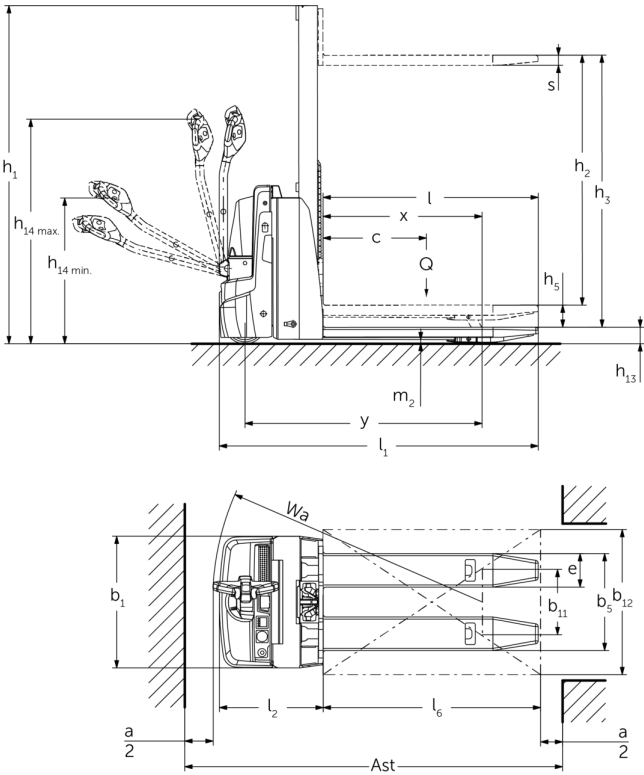


## **Electric pedestrian stacker with support arm lift**

**EJD 118i**

Lift height: 1000-1520 mm / Load capacity: 1800 kg

EJD 118i



# EJD 118i

| EJD 118i     | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|--------------|-----------|----------------------------|----------------|---------------------------|
| Mono Mast MM | 1000 mm   | 1353 mm                    | 1000 mm        | 1353 mm                   |
|              | 1520 mm   | 1863 mm                    | 1520 mm        | 1863 mm                   |

# VDI table

|                  |        |                                                     |          |                       |
|------------------|--------|-----------------------------------------------------|----------|-----------------------|
| Characteristic   | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich          |
|                  | 1.2    | Manufacturer's type designation                     |          | EJD 118i              |
|                  | 1.3    | Drive type                                          |          | electric              |
|                  | 1.4    | Operation                                           |          | Pedestrian            |
|                  | 1.5    | Load capacity/load                                  | Q kg     | 1800                  |
|                  | 1.5.1  | Rated capacity/load with mast lift                  | Q kg     | 800                   |
|                  | 1.5.2  | Rated capacity/load with support arm lift           | Q kg     | 1800                  |
|                  | 1.6    | Load centre distance                                | c mm     | 600                   |
|                  | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 877                   |
|                  | 1.9    | Wheelbase                                           | y mm     | 1307                  |
| Weights          | 2.1.1  | Service weight (incl. battery)                      | kg       | 550                   |
|                  | 2.2    | Axle load laden front/rear                          | kg       | 782 / 1592            |
|                  | 2.3    | Axle load unladen front/rear                        | kg       | 394 / 156             |
| Wheels/chassis   | 3.1    | Tyres                                               |          | Polyurethane (PU)     |
|                  | 3.2    | Tyre size, front                                    |          | Ø 230 x 65            |
|                  | 3.3    | Tyre size, rear                                     |          | Ø 85 x 95 / Ø 85 x 75 |
|                  | 3.4    | Additional wheels                                   |          | Ø 100 x 40            |
|                  | 3.5    | Wheels, number front/back (x=driven)                |          | 1x +2/2 oder 4        |
|                  | 3.6    | Tread width, front                                  | b10 mm   | 520                   |
|                  | 3.7    | Tread width, rear                                   | b11 mm   | 350                   |
| Basic dimensions | 4.2    | Retracted mast height (h1)                          | h1 mm    | 1863                  |
|                  | 4.3    | Free lift (h2)                                      | h2 mm    | 1520                  |
|                  | 4.4    | Lift (h3)                                           | h3 mm    | 1520                  |
|                  | 4.5    | Extended mast height (h4)                           | h4 mm    | 1863                  |
|                  | 4.6    | Initial lift                                        | h5 mm    | 120                   |
|                  | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 820 / 1237            |
|                  | 4.15   | Height, lowered                                     | h13 mm   | 93                    |
|                  | 4.19   | Total length                                        | l1 mm    | 1759                  |
|                  | 4.20   | Length including fork shank                         | l2 mm    | 572                   |
|                  | 4.21.1 | total width                                         | b1 mm    | 726                   |
|                  | 4.22   | Fork dimensions                                     | s/e/l mm | 56 x 185 x 1190       |
|                  | 4.25   | Width across forks                                  | b5 mm    | 535                   |
|                  | 4.32   | Ground clearance centre of wheelbase                | m2 mm    | 23                    |
|                  | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 2290                  |
|                  | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2192                  |
|                  | 4.35   | Turning radius                                      | Wa mm    | 1487                  |

|                                                                                                                                                                                                   |       |                                           |        |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|--------|-------------|
| Performance data                                                                                                                                                                                  | 5.1   | Travel speed laden/unladen                | km/h   | 6 / 6       |
|                                                                                                                                                                                                   | 5.2   | Lift speed laden/unladen                  | m/s    | 0.17 / 0.27 |
|                                                                                                                                                                                                   | 5.3   | Lowering speed laden/unladen              | m/s    | 0.31 / 0.19 |
|                                                                                                                                                                                                   | 5.8   | Max. gradeability laden/unladen           | %      | 6 / 15      |
|                                                                                                                                                                                                   | 5.10  | Service brake                             |        | generative  |
| Electric motor/electronics                                                                                                                                                                        | 6.1   | Drive motor, performance S2 60 min        | kW     | 1.1         |
|                                                                                                                                                                                                   | 6.2   | Lift motor, performance with S3           | kW     | 2.2         |
|                                                                                                                                                                                                   | 6.3   | Battery according to DIN 43531/35/36      |        | DIN 43535 B |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity          | V / Ah | 24 / 40     |
|                                                                                                                                                                                                   | 6.5   | Battery weight                            | kg     | 15          |
|                                                                                                                                                                                                   | 6.6   | Energy consumption according to VDI cycle | kWh/h  | 0           |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.42        |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796            | kg/h   | 0.2         |
|                                                                                                                                                                                                   | 6.7   | Throughput                                | t/h    | 35          |
|                                                                                                                                                                                                   | 6.8   | Turnover efficiency according to VDI 2198 | t/kWh  | 55          |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                     |        | AC          |
|                                                                                                                                                                                                   | 10.7  | Sound pressure level according to EN12053 | dB (A) | 66          |
| - 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 XS battery compartment; MM1520 mast, raised support arm lift.

- VDI no. 1.8: with lowered support arms: x + 60 mm.
- VDI no. 1.9: with S battery compartment: y + 80 mm; with lowered support arms: y + 60 mm.
- VDI no. 4.19: with S battery compartment: l1 + 80 mm.
- VDI no. 4.20: with S battery compartment: l2 + 80 mm.
- VDI no. 4.34.1: with S battery compartment: aisle width + 80 mm.
- VDI no. 4.31.2: with S battery compartment: aisle width + 80 mm.
- VDI no. 4.35: with S battery compartment: Wa + 80 mm.
- VDI no. 6.2: with 5% power-on time.
- VDI no. 10.7: with silentDRIVE options package: 62 dB(A).

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.



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