



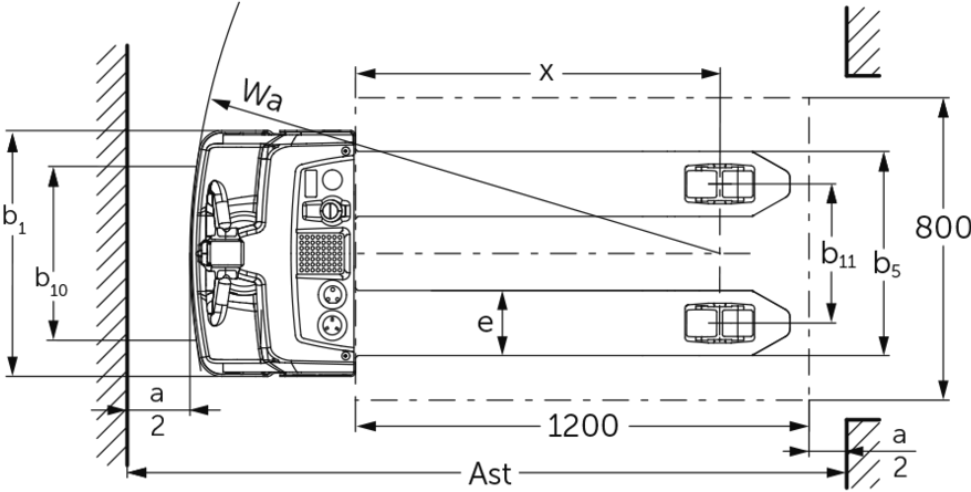
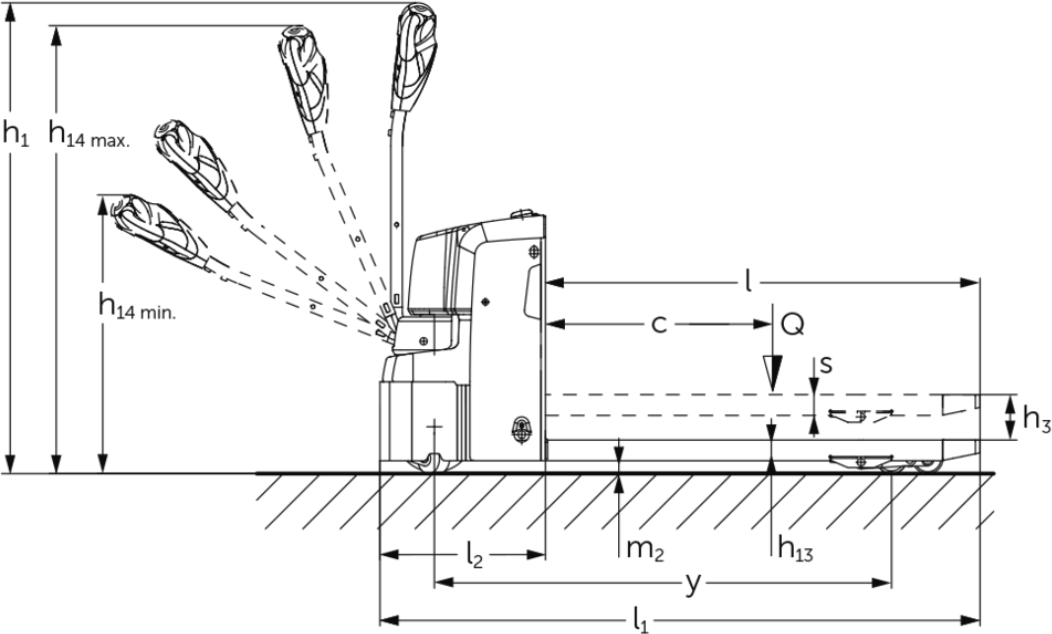
## **Electric pedestrian pallet truck**

**EJE M13 / M15**

Lift height: 120 mm / Load capacity: 1300-1500 kg



EJE M13 / M15



# VDI table

|                  |        |                                                     |          |                     |
|------------------|--------|-----------------------------------------------------|----------|---------------------|
| Characteristic   | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich        |
|                  | 1.2    | Manufacturer's type designation                     |          | EJE M13 (540x1,150) |
|                  | 1.3    | Drive type                                          |          | electric            |
|                  | 1.4    | Operation                                           |          | Pedestrian          |
|                  | 1.5    | Load capacity/load                                  | Q kg     | 1300                |
|                  | 1.6    | Load centre distance                                | c mm     | 600                 |
|                  | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 914                 |
|                  | 1.9    | Wheelbase                                           | y mm     | 1212                |
| Weights          | 2.1.1  | Service weight (incl. battery)                      | kg       | 219                 |
|                  | 2.2    | Axle load laden front/rear                          | kg       | 703 / 816           |
|                  | 2.3    | Axle load unladen front/rear                        | kg       | 166 / 53            |
| Wheels/chassis   | 3.1    | Tyres                                               |          | TPU/PU              |
|                  | 3.2    | Tyre size, front                                    |          | Ø210x70             |
|                  | 3.3    | Tyre size, rear                                     |          | Ø80x70              |
|                  | 3.4    | Additional wheels                                   |          | 2 x Ø80x40          |
|                  | 3.5    | Wheels, number front/back (x=driven)                |          | 1x+2/4              |
|                  | 3.6    | Tread width, front                                  | b10 mm   | 460                 |
|                  | 3.7    | Tread width, rear                                   | b11 mm   | 368                 |
| Basic dimensions | 4.4    | Lift (h3)                                           | h3 mm    | 120                 |
|                  | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 740 / 1190          |
|                  | 4.15   | Height, lowered                                     | h13 mm   | 85                  |
|                  | 4.19   | Total length                                        | l1 mm    | 1585                |
|                  | 4.20   | Length including fork shank                         | l2 mm    | 435                 |
|                  | 4.21.1 | total width                                         | b1 mm    | 650                 |
|                  | 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    | 35                  |
|                  | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 1643                |
|                  | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 1843                |
|                  | 4.35   | Turning radius                                      | Wa mm    | 1357                |
| Performance data | 5.1    | Travel speed laden/unladen                          | km/h     | 5 / 5               |
|                  | 5.2    | Lift speed laden/unladen                            | m/s      | 0.05 / 0.06         |
|                  | 5.3    | Lowering speed laden/unladen                        | m/s      | 0.04 / 0.02         |
|                  | 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     | 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     | 15                            |
|                                                                                                                                                                                                   | 6.6   | Energy consumption according to VDI cycle | kWh/h  | 0.32                          |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.16                          |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796            | kg/h   | 0.1                           |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                     |        | BLDC brushless direct current |
|                                                                                                                                                                                                   | 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. |       |                                           |        |                               |

With silentDRIVE option (not possible with weighing function):

- VDI no. 3.3: load wheel: Ø 85 x 32 mm.
- VDI no. 4.22: fork dimensions: e = 150 mm.
- VDI no. 4.25: width across forks: b5 = 520 mm
- VDI no. 5.2: lift speed laden / unladen: 0.034 / 0.04 m/s.
- VDI no. 5.3: lowering speed laden / unladen: 0.04 / 0.02 m/s.
- VDI no. 6.2: lift motor, performance with S3: 0.8 kW.
- VDI no. 10.7: sound pressure level as per EN12053, operator's ear: 60 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.



 **JUNGHEINRICH**