

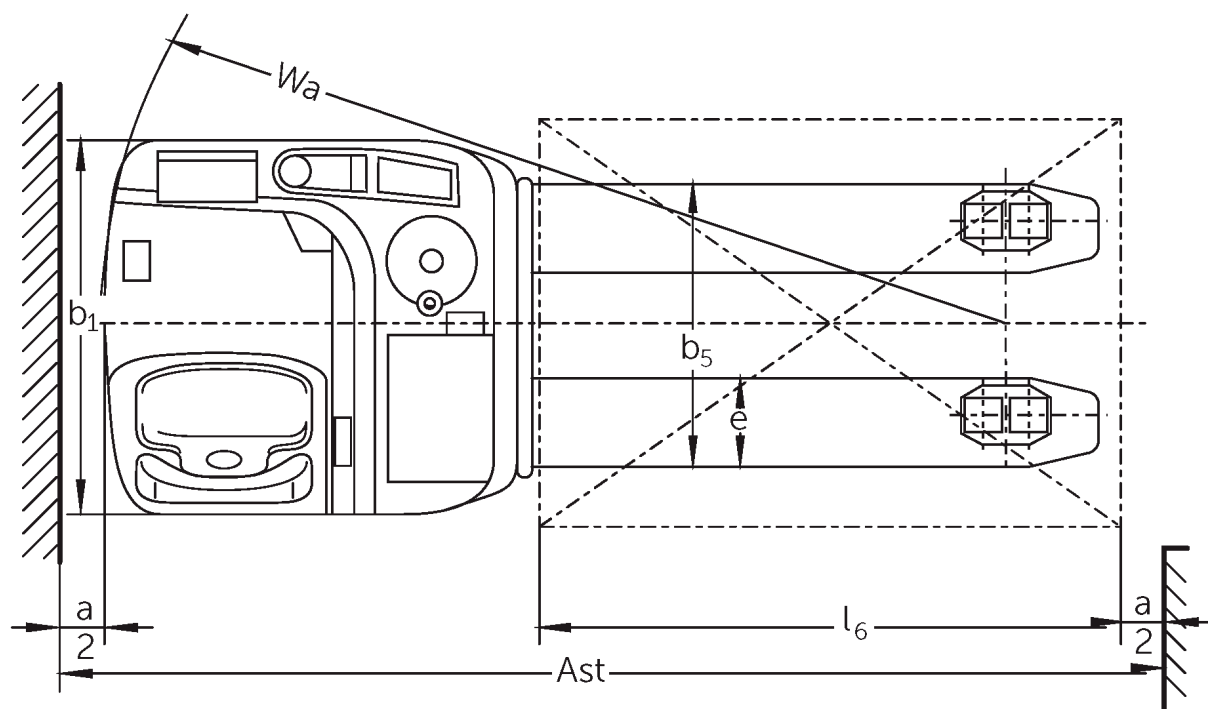
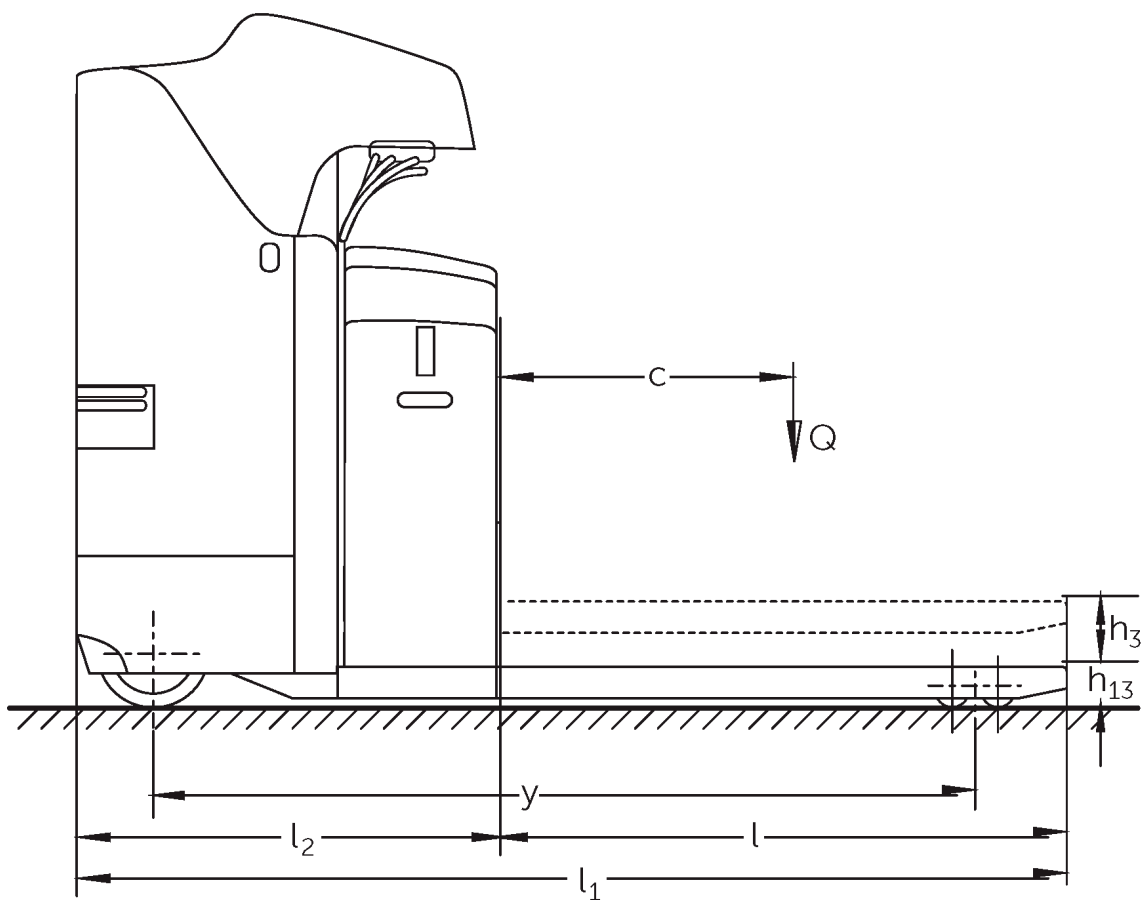


# **Electric stand-on/sideways-seated pallet truck**

## **ESE 120**

**Lift height: 125 mm / Load capacity: 2000 kg**

ESE 120



# VDI table

Stand-on: 06/2021

|                          |        |                                             |                    |                 |
|--------------------------|--------|---------------------------------------------|--------------------|-----------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)      |                    | Jungheinrich    |
|                          | 1.2    | Manufacturer's type designation             |                    | <b>ESE 120</b>  |
|                          | 1.3    | Drive                                       |                    | Electric        |
|                          | 1.4    | Operation                                   |                    | Stand-on        |
|                          | 1.5    | Load capacity/load                          | Q kg               | 2000            |
|                          | 1.6    | Load centre distance                        | c mm               | 600             |
|                          | 1.8    | Load distance, centre of drive axle to fork | x mm               | 964             |
|                          | 1.9    | Wheelbase                                   | y mm               | 1595            |
| Weights                  | 2.1.1  | Service weight (incl. battery)              | kg                 | 857             |
|                          | 2.2    | Axle load laden front/rear                  | kg                 | 1840 / 1017     |
|                          | 2.3    | Axle load unladen front/rear                | kg                 | 215 / 642       |
| Wheels/suspension system | 3.1    | Tyres                                       |                    | Polyurethane    |
|                          | 3.2    | Tyre size, front                            |                    | Ø 230 x 77      |
|                          | 3.3    | Tyre size, rear                             |                    | Ø 85x85         |
|                          | 3.4    | Additional wheels                           |                    | Ø 140 x 57      |
|                          | 3.5    | Wheels, number front/back (x=driven)        |                    | 2 - 1x / 4      |
|                          | 3.6    | Tread width, front                          | b <sub>10</sub> mm | 485             |
|                          | 3.7    | Tread width, rear                           | b <sub>11</sub> mm | 370             |
| Basic dimensions         | 4.4    | Lift (h <sub>3</sub> )                      | h <sub>3</sub> mm  | 125             |
|                          | 4.15   | Height, lowered                             | h <sub>13</sub> mm | 90              |
|                          | 4.19   | Overall length                              | l <sub>1</sub> mm  | 2024            |
|                          | 4.20   | Length including fork shank                 | l <sub>2</sub> mm  | 874             |
|                          | 4.21.1 | Overall width                               | b <sub>1</sub> mm  | 760             |
|                          | 4.22   | Fork dimensions                             | s/e/l mm           | 55 x 170 x 1150 |
|                          | 4.25   | Width across forks                          | b <sub>5</sub> mm  | 540             |
|                          | 4.32   | Ground clearance centre of wheelbase        | m <sub>2</sub> mm  | 30              |
|                          | 4.34.1 | Aisle width (pallet 800x1200 length)        | A <sub>st</sub> mm | 2274            |
|                          | 4.35   | Turning radius                              | W <sub>a</sub> mm  | 1838            |
| Performance data         | 5.1    | Travel speed laden/unladen                  | km/h               | 10 / 12.5       |
|                          | 5.2    | Lift speed laden/unladen                    | m/s                | 0.04 / 0.05     |
|                          | 5.3    | Lowering speed laden/unladen                | m/s                | 0.07 / 0.05     |
|                          | 5.8    | Max. gradeability laden/unladen             | %                  | 6 / 12          |
|                          | 5.10   | Service brake                               |                    | generative      |
| E-motor/Electronics      | 6.1    | Drive motor, performance S2 60 min          | kW                 | 2.8             |
|                          | 6.2    | Lift motor, performance with S3             | kW                 | 2               |
|                          | 6.3    | Battery according to DIN 43531/35/36        |                    | B               |
|                          | 6.4    | Battery voltage/nominal capacity            | V / Ah             | 24 / 375        |
|                          | 6.5    | Battery weight                              | kg                 | 297             |
|                          | 6.6.1  | Energy consumption according to EN cycle    | kWh/h              | 0.35            |
|                          | 6.6.2  | CO2 equivalent as per EN 16796              | kg/h               | 0.2             |
| Other                    | 8.1    | Type of drive control                       |                    | AC              |

- 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.



The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



 **JUNGHEINRICH**