

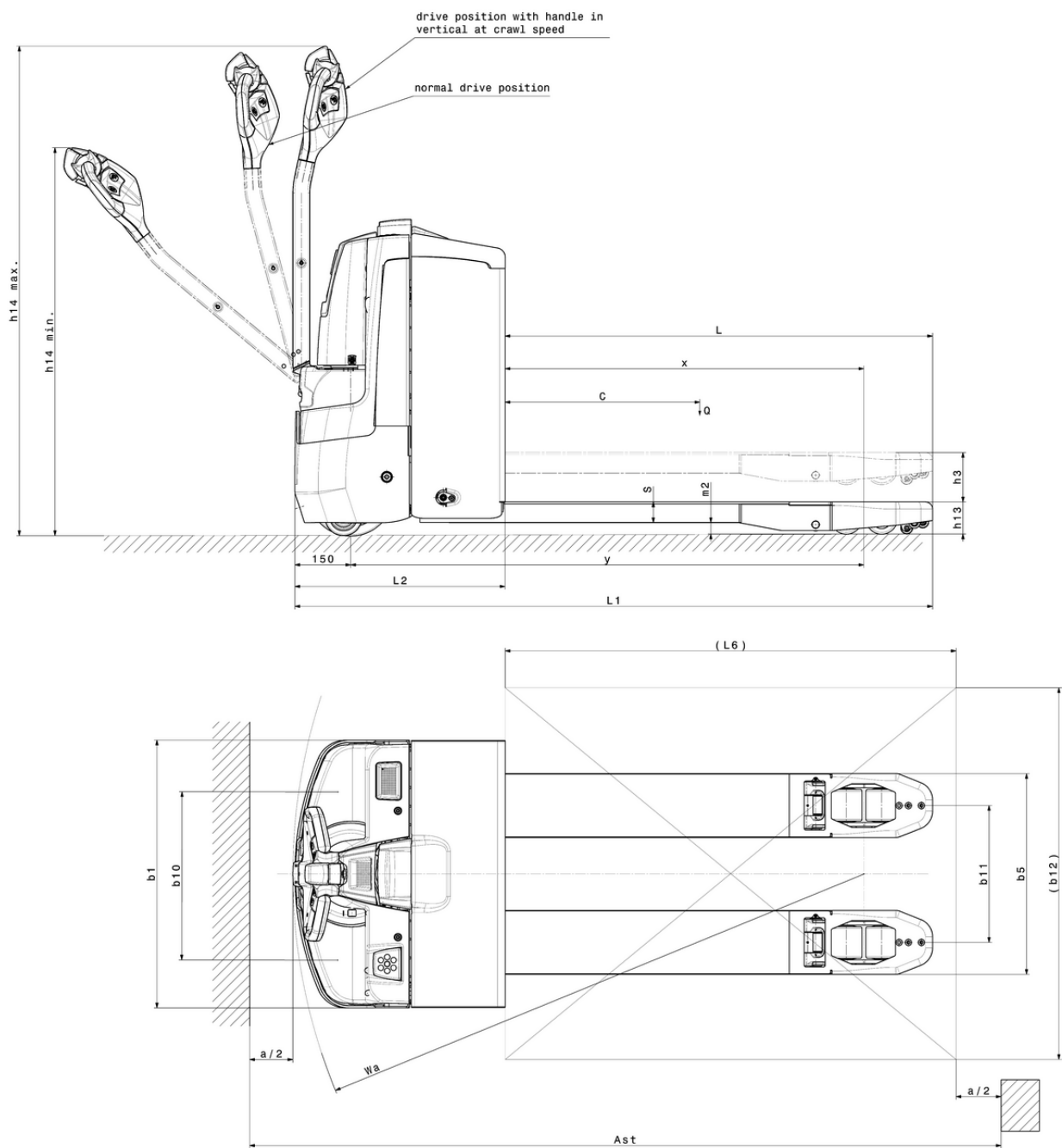


## Electric pedestrian pallet truck

### EJE MA 120

Lift height: 85-122 mm / Load capacity: 2000 kg

# EJE MA 120



## VDI table

|                          |        |                                                     |       |      |                        |
|--------------------------|--------|-----------------------------------------------------|-------|------|------------------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |       |      | Jungheinrich           |
|                          | 1.3    | Drive                                               |       |      | Electric               |
|                          | 1.4    | Operation                                           |       |      | Pedestrian             |
|                          | 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   | 965                    |
|                          | 1.9    | Wheelbase                                           | y     | mm   | 1380                   |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      |       | kg   | 538                    |
|                          | 2.2    | Axle load laden front/rear                          |       | kg   | 1027 / 1481            |
|                          | 2.3    | Axle load unladen front/rear                        |       | kg   | 415 / 123              |
| Wheels/suspension system | 3.1    | Tyres                                               |       |      | Polyurethane (PU)      |
|                          | 3.2    | Tyre size, front                                    |       |      | Ø 230 x 70             |
|                          | 3.3    | Tyre size, rear                                     |       |      | Ø 85 x 110 / Ø 85 x 85 |
|                          | 3.4    | Additional wheels                                   |       |      | Ø 100x40               |
|                          | 3.5    | Wheels, number front/back (x=driven)                |       |      | 1x+2/2 or 4            |
|                          | 3.6    | Tread width, front                                  | b10   | mm   | 508                    |
|                          | 3.7    | Tread width, rear                                   | b11   | mm   | 368                    |
| Basic dimensions         | 4.4    | Lift (h3)                                           | h3    | mm   | 122                    |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14   | mm   | 750 / 1315             |
|                          | 4.15   | Height, lowered                                     | h13   | mm   | 85                     |
|                          | 4.19   | total length                                        | l1    | mm   | 1715                   |
|                          | 4.20   | Length including fork shank                         | l2    | mm   | 565                    |
|                          | 4.21.1 | total width                                         | b1    | mm   | 720                    |
|                          | 4.21.2 | total width                                         | b2    | mm   | 720                    |
|                          | 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 1000×1200 sideways)             | Ast   | mm   | 2290                   |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast   | mm   | 2200                   |
|                          | 4.35   | Turning radius                                      | Wa    | mm   | 1540                   |
| Performance data         | 5.1    | Travel speed laden/unladen                          |       | km/h | 6 / 6                  |
|                          | 5.2    | Lift speed laden/unladen                            |       | m/s  | 0.05 / 0.07            |
|                          | 5.3    | Lowering speed laden/unladen                        |       | m/s  | 0.06 / 0.05            |
|                          | 5.7    | Gradeability laden/unladen                          |       | %    | 8 / 16                 |
|                          | 5.10   | Service brake                                       |       |      | generative             |

|                                                                                                                                                                                                   |       |                                           |        |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|--------|----------|
| 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/B     |
|                                                                                                                                                                                                   | 6.4   | Battery voltage/nominal capacity          | V / Ah | 24 / 160 |
|                                                                                                                                                                                                   | 6.5   | Battery weight                            | kg     | 152      |
|                                                                                                                                                                                                   | 6.6.1 | Energy consumption according to EN cycle  | kWh/h  | 0.56     |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent according to EN ISO 23308  | kg/h0  | 0.3      |
|                                                                                                                                                                                                   | 6.7   | Throughput                                | t/h    | 101      |
| Other                                                                                                                                                                                             | 8.1   | Type of drive control                     |        | AC       |
|                                                                                                                                                                                                   | 10.7  | Sound pressure level according to EN12053 | dB (A) | 65       |
| - 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. |       |                                           |        |          |

- VDI no. 1.8: 1.9: 4.34.1: 4.34.2: 4.35: Load section lowered: +53mm
- VDI no. 1.9: 4.19: 4.20: 4.34.1: 4.34.2: 4.35: Battery compartment M (250 Ah): +71mm
- VDI no. 4.34.1: Ast for intrusive stacking (empty pallet place): -368mm
- VDI no. 4.34.2: Ast for intrusive stacking (empty pallet place): -204mm

The German production facilities in  
Norderstedt, Moosburg and Landsberg are  
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ISO 14001

 **JUNGHEINRICH**