

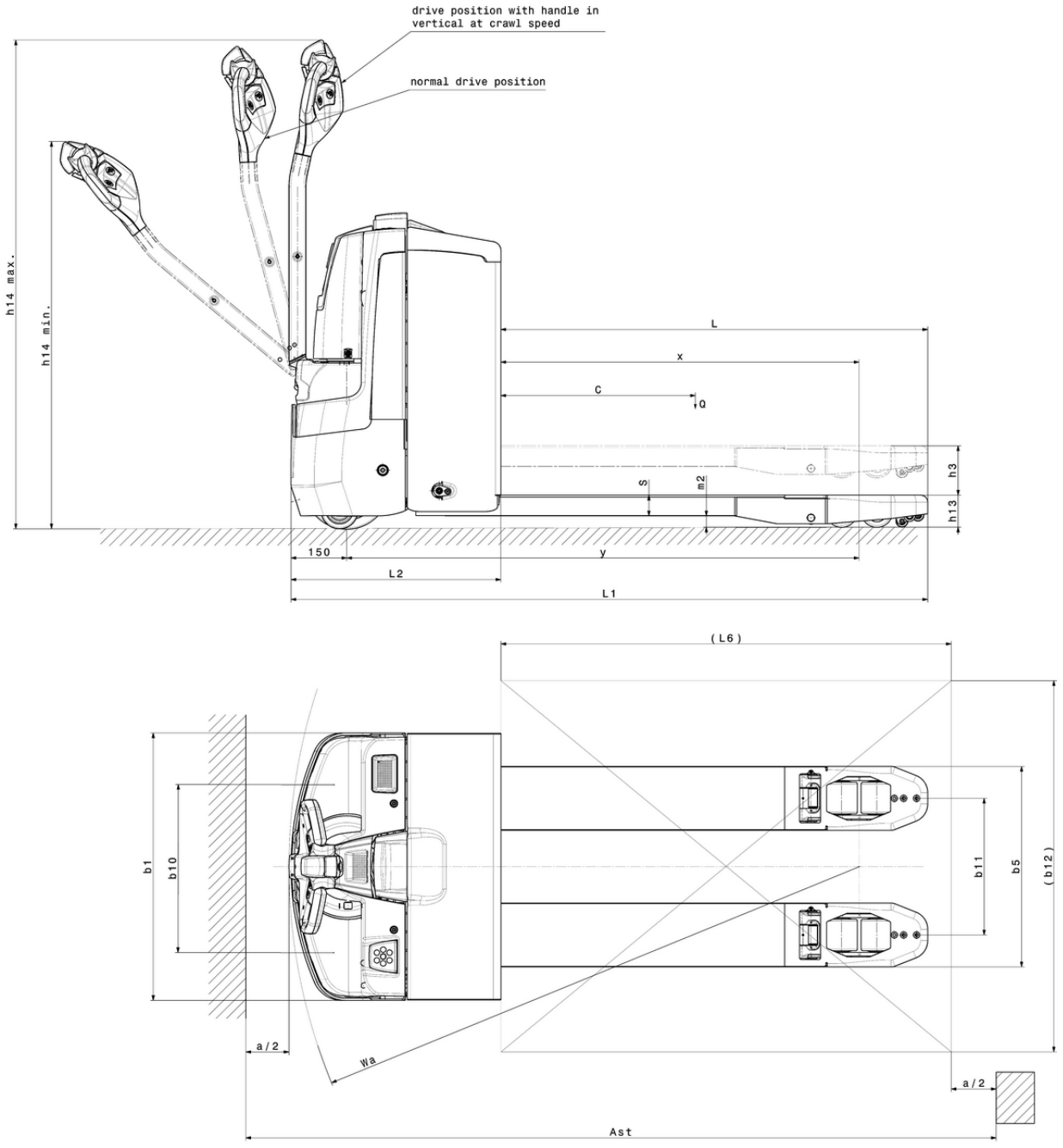

# Electric Pedestrian Pallet Truck

## EJE MA 120

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

LI-ION technology

# EJE MA 120


drive position with handle in vertical at crawl speed
normal drive position
h14 max.
h14 min.
L
x
C
Q
s
m2
h3
h13
150
L2
y
L1
(L6)
b1
b10
b11
b5
(b12)
a/2
Wa
a/2
Ast

# VDI table

| | | | | | |
|---|---|---|---|---|---|
| Characteristic | 1.1 | Manufacturer (abbreviated description) | | | Jungheinrich |
| | 1.2 | Manufacturer's type designation | | | EJE MA 120 |
| | 1.3 | Drive type | | | 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/chassis | 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 |

| | | | | |
|---|---|---|---|---|
| Electric 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/h | 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