



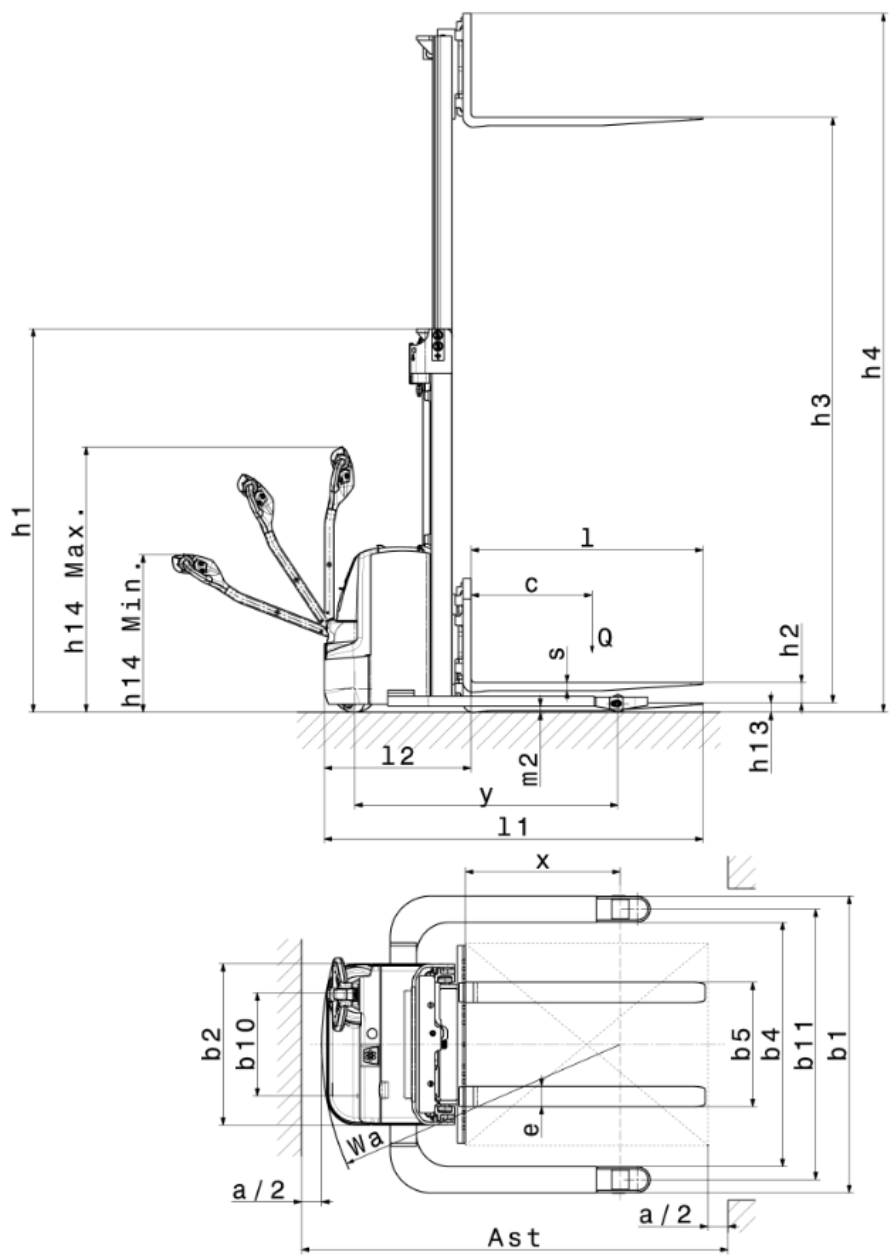
## **Electric pedestrian stacker**

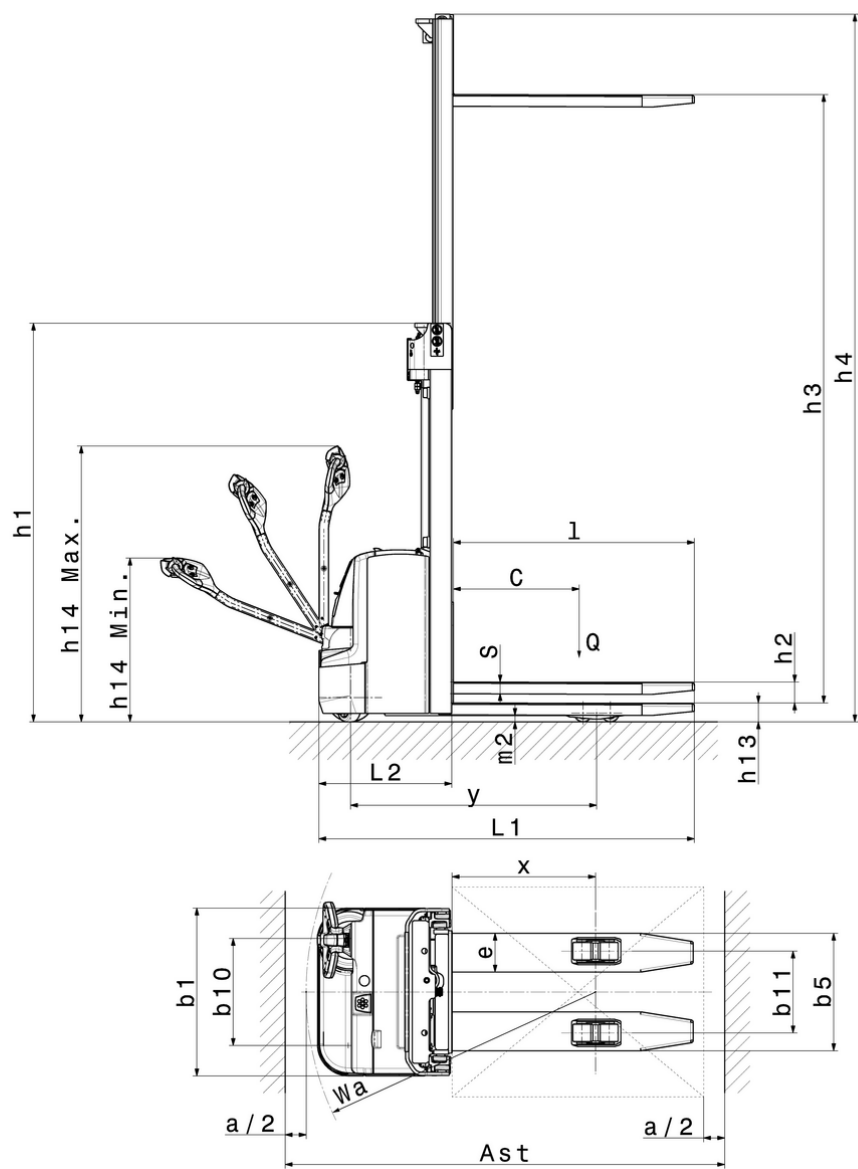
### **EJC MA 112 / B12**

Lift height: 2440-3600 mm / Load capacity: 1200 kg

***JUNGHEINRICH***

EJC MA 112 / B12





# EJC MA 112 / B12

| EJC MA 112     | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|----------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT | 2500 mm   | 1750 mm                    | 100 mm         | 2973 mm                   |
|                | 2900 mm   | 1950 mm                    | 100 mm         | 3373 mm                   |
|                | 3200 mm   | 2100 mm                    | 100 mm         | 3673 mm                   |
|                | 3600 mm   | 2300 mm                    | 100 mm         | 4073 mm                   |
| EJC MA B12     | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
| Duplex mast ZT | 2440 mm   | 1750 mm                    | 100 mm         | 3002 mm                   |
|                | 2840 mm   | 1950 mm                    | 100 mm         | 3402 mm                   |
|                | 3140 mm   | 2100 mm                    | 100 mm         | 3702 mm                   |
|                | 3540 mm   | 2300 mm                    | 100 mm         | 4102 mm                   |

# VDI table

|                          |        |                                                     |          |                        |                 |
|--------------------------|--------|-----------------------------------------------------|----------|------------------------|-----------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |          | Jungheinrich           |                 |
|                          | 1.2    | Manufacturer's type designation                     |          | EJC MA                 |                 |
|                          | 1.3    | Drive                                               |          | Electric               |                 |
|                          | 1.4    | Operation                                           |          | Pedestrian             |                 |
|                          | 1.5    | Load capacity/load                                  | Q kg     | 1200                   |                 |
|                          | 1.6    | Load centre distance                                | c mm     | 600                    |                 |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x mm     | 684                    | 760             |
|                          | 1.9    | Wheelbase                                           | y mm     | 1174                   | 1306            |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      | kg       | 820                    | 963             |
|                          | 2.2    | Axle load laden front/rear                          | kg       | 660 / 1360             | 827 / 1481      |
|                          | 2.3    | Axle load unladen front/rear                        | kg       | 575 / 245              | 682 / 281       |
| 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 | Ø 85 x 100      |
|                          | 3.4    | Additional wheels                                   |          | Ø 140 x 54             |                 |
|                          | 3.5    | Wheels, number front/back (x=driven)                |          | 1x +1/2 or 4           | 1x +1/2         |
|                          | 3.6    | Tread width, front                                  | b10 mm   | 510                    |                 |
|                          | 3.7    | Tread width, rear                                   | b11 mm   | 390                    | 1340            |
| Basic dimensions         | 4.2    | Retracted mast height (h1)                          | h1 mm    | 1950                   |                 |
|                          | 4.3    | Free lift (h2)                                      | h2 mm    | 100                    |                 |
|                          | 4.4    | Lift (h3)                                           | h3 mm    | 2900                   | 2840            |
|                          | 4.5    | Extended mast height (h4)                           | h4 mm    | 3373                   | 3402            |
|                          | 4.9    | Height of tiller handle in drive position min./max. | h14 mm   | 770 / 1310             |                 |
|                          | 4.15   | Height, lowered                                     | h13 mm   | 90                     | 47              |
|                          | 4.19   | total length                                        | l1 mm    | 1791                   | 1877            |
|                          | 4.20   | Length including fork shank                         | l2 mm    | 634                    | 727             |
|                          | 4.21.1 | total width                                         | b1 mm    | 800                    | 1470            |
|                          | 4.21.2 | total width                                         | b2 mm    | 800                    |                 |
|                          | 4.22   | Fork dimensions                                     | s/e/l mm | 56 x 185 x 1150        | 40 x 100 x 1150 |
|                          | 4.24   | Fork carriage width                                 | b3 mm    | -                      | 980             |
|                          | 4.25   | Width across forks                                  | b5 mm    | 560                    | -               |
|                          | 4.26   | Width between support arms/loading areas            | b4 mm    | 245                    | 1210            |
|                          | 4.32   | Ground clearance centre of wheelbase                | m2 mm    | 30                     |                 |
|                          | 4.34.1 | Aisle width (pallet 1000x1200 sideways)             | Ast mm   | 2300                   | 2326            |
|                          | 4.34.2 | Aisle width (pallet 800x1200 length)                | Ast mm   | 2240                   | 2270            |
|                          | 4.35   | Turning radius                                      | Wa mm    | 1380                   | 1480            |

|                                                                                                                                                                                                   |       |                                           |        |             |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|--------|-------------|---|
| Performance data                                                                                                                                                                                  | 5.1   | Travel speed laden/unladen                | km/h   | 6 / 6       |   |
|                                                                                                                                                                                                   | 5.2   | Lift speed laden/unladen                  | m/s    | 0.11 / 0.22 |   |
|                                                                                                                                                                                                   | 5.3   | Lowering speed laden/unladen              | m/s    | 0.43 / 0.4  |   |
|                                                                                                                                                                                                   | 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          |   |
|                                                                                                                                                                                                   | 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  | 0.84        |   |
|                                                                                                                                                                                                   | 6.6.2 | CO2 equivalent as per EN 16796            | kg/h   | 0.4         |   |
|                                                                                                                                                                                                   | 6.7   | Throughput                                | t/h    | 39          | - |
| 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. |       |                                           |        |             |   |

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