

# Li-Ion Pallet Truck 1.5T F4

|                     |                |  |                    |       |                 |
|---------------------|----------------|--|--------------------|-------|-----------------|
| Distinguishing mark | 1.1            | Manufacturer                                 |                    |       | EP              |
|                     | 1.2            | Model designation                            |                    |       | F4              |
|                     | 1.3            | Drive unit                                   |                    |       | Electric        |
|                     | 1.4            | Operator type                                |                    |       | Pedestrian      |
|                     | 1.5            | rated capacity                               | Q                  | kg    | 1500            |
|                     | 1.6            | Load center distance                         | c                  | mm    | 600             |
|                     | 1.8            | Load distance, centre of drive axle to fork  | x                  | mm    | 950             |
|                     | 1.9            | Wheelbase                                    | y                  | mm    | 1180            |
|                     | Service weight | 2.1  | Service weight     |       | kg              |
| 2.2                 |                | Axle loading, laden front/rear               |                    | kg    | 480/1140        |
| 2.3                 |                | Axle loading, unladen front/rear             |                    | kg    | 90/30           |
| Tyres/chassis       | 3.1            | Tyre type                                    |                    |       | Polyurethane    |
|                     | 3.2            | Tyre size, front                             |                    | mm    | 210x70          |
|                     | 3.3            | Tyre size, rear                              |                    | mm    | Φ80x60( Φ74x88) |
|                     | 3.4            | Additional wheels                            |                    | mm    | Φ74x30 optional |
|                     | 3.5            | Wheels, number front/rear (x=drive wheels)   |                    | mm    | 1x 2/4 (1x 2/2) |
|                     | 3.6            | Tread, front                                 | b10                | mm    | —               |
|                     | 3.7            | Tread, rear                                  | b11                | mm    | 535/410         |
| Dimensions          | 4.4            | Lift height                                  | h3                 | mm    | 105             |
|                     | 4.9            | Height drawbar in driving position min./max. | h14                | mm    | 750/1190        |
|                     | 4.15           | Lowered height                               | h13                | mm    | 82              |
|                     | 4.19           | Overall length                               | l1                 | mm    | 1550            |
|                     | 4.20           | Length to face of forks                      | l2                 | mm    | 400             |
|                     | 4.21           | Overall width                                | b1/b2              | mm    | 695/590         |
|                     | 4.22           | Fork dimensions                              | s/e/l              | mm    | 55/150/1150     |
|                     | 4.25           | Distance between fork-arms                   | b5                 | mm    | 685/560         |
|                     | 4.32           | Ground clearance, center of wheelbase        | m2                 | mm    | 25              |
|                     | 4.34.1         | Aisle width for pallets 1000×1200 crossways  | Ast                | mm    | 2160            |
|                     | 4.34.2         | Aisle width for pallets 800×1200 crossways   | Ast                | mm    | 2025            |
| 4.35                | turning radius | Wa   | mm                 | 1360  |                 |
| Performance data    | 5.1            | Travel speed, laden/unladen                  |                    | km/h  | 4/4.5           |
|                     | 5.2            | Lifting speed, laden/unladen                 |                    | m/s   | 0.017/0.020     |
|                     | 5.3            | Lowering speed, laden/unladen                |                    | m/s   | 0.046/0.058     |
|                     | 5.8            | Max. gradeability, laden/unladen             |                    | %     | 5/16            |
|                     | 5.10           | Service brake                                |                    |       | Electromagnetic |
| Electric-engine     | 6.1            | Drive motor rating S2 60 min                 |                    | kW    | 0.75            |
|                     | 6.2            | Lift motor rating at S3 15%                  |                    | kW    | 0.5             |
|                     | 6.4            | Battery voltage/nominal capacity             |                    | V/Ah  | 24/20           |
|                     | 6.5            | Battery weight                               |                    | kg    | 5               |
|                     | Addition data  | 8.1  | Type of drive unit |       |                 |
| 10.5                |                | Steering design                              |                    |       | Mechanical      |
| 10.7                |                | ound pressure level at the driver's ear      |                    | dB(A) | <74             |

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.

