
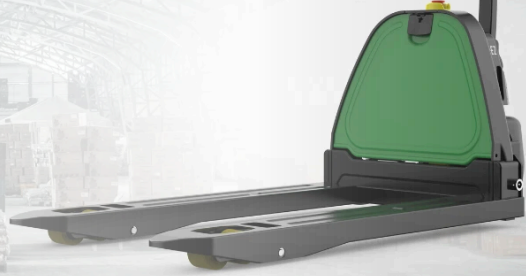


# EPT20-EZ

## ELECTRIC PALLET TRUCK 2.0T

 2000 kg  105 mm  48 V Li-Ion



Engineered for medium to heavy-duty warehouse operations, logistics centers, and production lines, the EPT20-EZ ensures effortless pallet movement across longer distances or moderate inclines. Its compact footprint allows it to operate seamlessly in narrow aisles and crowded loading areas, making it a versatile tool for diverse material handling environments.

| SPECIFICATION                               | REF            | UNIT | VALUE       |
|---|----------------|------|-------------|
| Battery type                                |                |      | Li-Ion      |
| Battery nominal capacity                    |                | Ah   | 10          |
| Battery voltage                             |                | V    | 48          |
| Load capacity                               | Q              | kg   | 2000        |
| Load centre distance                        | c              | mm   | 600         |
| Service weight                              |                | kg   | 130         |
| Lift height                                 | $h_3$          | mm   | 105         |
| Overall length                              |                | mm   | 1580        |
| Overall width                               | $b_1/b_2$      | mm   | 695/590     |
| Length to face of forks                     | l <sub>2</sub> | mm   | 430         |
| Fork dimensions                             | s/e/l          | mm   | 50/150/1150 |
| Turning radius                              |                | Wa   | 1390        |
| Operator type                               |                |      | Pedestrian  |
| Load distance, centre of drive axle to fork |                | mm   | 950         |
| Wheelbase                                   |                | mm   | 1210        |
| Axle loading, laden front/rear              |                | kg   | 678/1452    |

# Features

---

## Compact and agile design

Despite its high capacity, the EPT20-EZ retains a small 1390 mm turning radius, offering outstanding agility in tight spaces.

## High-performance Li-ion power

Powered by a 48V/10Ah lithium-ion battery, the EPT20-EZ offers consistent energy efficiency, fast charging, and reduced maintenance costs.

## Safety and comfort built-in

The linear rebound tiller and mechanical steering reduce operator strain and ensure safe, controlled handling at all speeds.

## Robust load handling

Designed for 2000 kg capacity, this pallet truck excels in demanding warehouse operations, ensuring stable and smooth transport even at full load.

## VDI Chart

---

|     | SPECIFICATION                               | REF | UNIT | VALUE          |
|-----|---|-----|------|----------------|
| 1.4 | Operator type                               |     |      | Pedestrian     |
| 1.5 | Load capacity                               | Q   | kg   | 2000           |
| 1.6 | Load centre distance                        | c   | mm   | 600            |
| 1.8 | Load distance, centre of drive axle to fork |     | mm   | 950            |
| 1.9 | Wheelbase                                   |     | mm   | 1210           |
| 2.1 | Service weight                              |     | kg   | 130            |
| 2.2 | Axle loading, laden front/rear              |     | kg   | 678/1452       |
| 2.3 | Axle loading, unladen front/rear            |     | kg   | 98/32          |
| 3.1 | Tyre type                                   |     |      | Polyurethane   |
| 3.2 | Tyre size, front                            |     | mm   | Φ150×65        |
| 3.3 | Tyre size, rear                             |     | mm   | Φ80x60(Φ74x88) |
| 3.4 | Additional wheels (castor wheels)           |     | mm   | Φ74x30(option) |

| SPECIFICATION | REF   | UNIT                           | VALUE  |
|---------------|---|--------------------------------|--|
| 3.5           | Wheels, number front/rear (x=drive wheels)          |                                | 1x2/4 (1x2/2)                                |
| 3.6.1         | Tread width, front                                  | b <sub>10</sub>                | mm 535                                       |
| 3.7.1         | Tread width, rear                                   | b <sub>11</sub>                | mm 535/410                                   |
| 4.0           | Max lift height                                     | H                              | mm 105                                       |
| 4.15          | Lowered height                                      |                                | 82   |
| 4.18          | Width of loading surface                            |                                | 695/590                                      |
| 4.19          | Overall length                                      | mm                             | 1580   |
| 4.20          | Length to face of forks                             | l <sub>2</sub>                 | mm 430                                       |
| 4.21          | Overall width                                       | b <sub>1</sub> /b <sub>2</sub> | mm 695/590                                   |
| 4.22          | Fork dimensions                                     | s/e/l                          | mm 50/150/1150                               |
| 4.32          | Ground clearance, centre of wheelbase               | mm                             | 25   |
| 4.34.1        | Aisle width for pallets 1000×1200 crossways         | Ast                            | 2190   |
| 4.34.2        | Aisle width for pallets 800×1200 lengthways         | Ast                            | 2055   |
| 4.35          | Turning radius                                      | Wa                             | 1390   |
| 4.4           | Lift height   | h <sub>3</sub>                 | mm 105                                       |
| 4.9           | Height of tiller handle in drive position min./max. |                                | 750/1190                                     |
| 5.1           | Travel speed, laden/unladen                         | km/h                           | 4/4.5  |
| 5.10          | Service brake                                       |                                | Electromagnetic                              |
| 5.2           | Lifting speed, laden/unladen                        | m/s                            | 0.017/0.023                                  |
| 5.3           | Lowering speed, laden/unladen                       | m/s                            | 0.053/0.035                                  |
| 5.8           | Max. gradeability, laden/unladen                    | %                              | 8/16   |
| 6.1           | Drive motor rating S2 60 min                        | kW                             | 0.7  |
| 6.2           | Lift motor rating at S3 15%                         | kW                             | 0.7  |
| 6.4           | Battery nominal capacity                            | Ah                             | 10   |
| 6.4           | Battery voltage                                     | V                              | 48   |
| 6.4.1         | Battery type  |                                | Li-Ion                                       |
| 6.5           | Battery weight                                      | kg                             | 5  |
| 6.6           | Energy consumption according to DIN EN 16796        | kWh/h                          | Energy consumption according to DIN EN 16796 |
| 8.1           | Type of drive control                               |                                | DC   |
| 10.5          | Steering design                                     |                                | Mechanical                                   |
| 10.7          | Sound pressure level at the drivers ear             | dB(A)                          | 74   |
| 15.1          | Charger output current                              | A                              | Charger output current                       |