



# EPT12-EZX

## Electric Pallet Truck 1.2t

- Slightly difference on cost, completely different experience, from hand pallet truck to EZX truck!
- Standard Lithium Ion battery, life time maintenance free.
- CAN-BUS system simplify operation/maintenance level.

EP EQUIPMENT CO.,LTD  
[www.ep-ep.com](http://www.ep-ep.com)



## ▣ FEATURE

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- **Light service weight, decent capacity, suitable for anywhere a hand pallet truck could be used:**

120kg Ultra-light service weight, 1200kg high rated capacity, come and go freely in small working space with 1390mm turning radius.

- **CAN-BUS system:**

CAN-BUS system simplifies operation/maintenance level, improves system reliability.

- **Integrated design:**

Innovative designed sealed hydraulic unit, low noise, easy maintenance.

- **Non-contact limit switch design:**

New non-contact limit switch design improves the reliability.

- **Safety:**

Convenient emergency stop switch, strong driving wheel cover, solid battery clip, ensure safety and reliability.

- **Battery:**

5.8kg battery replacement, optional standby battery extend run time.

- **Integrated handle design:**

New design of integral handle head, easy to access all control buttons.

- **Robust frame design:**

New frame design, light service weight, high strength.

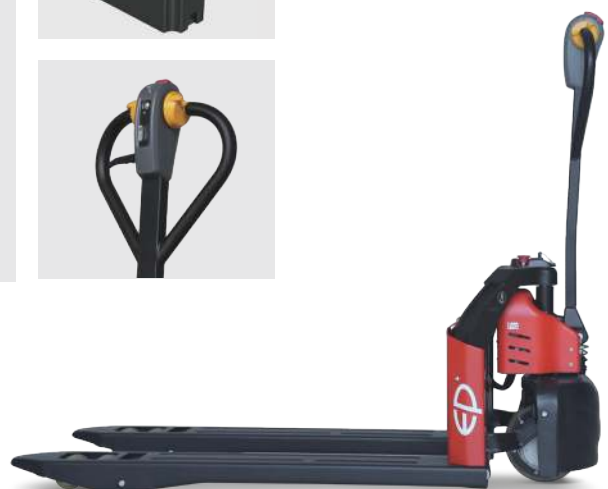
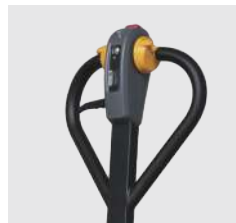
- **Innovative key switch design:**

The key switch design is integrated with u-disk function.

- **Easy maintenance:**

Maintenance free truck design for end users to trouble shooting and replace failure part by simple instruction, free labor cost.

SMART panel reflect operation and trouble shooting status.



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## EPT12-EZX

| Distinguishing mark |   |                 |       |                 |
|---------------------|---|-----------------|-------|-----------------|
| 1.1                 | Manufacturer  |                 |       | EP              |
| 1.2                 | Model designation                                   |                 |       | EPT12-EZX       |
| 1.3                 | Power unit  |                 |       | Battery         |
| 1.4                 | Operator type                                       |                 |       | Pedestrian      |
| 1.5                 | Load capacity                                       | Q               | kg    | 1200            |
| 1.6                 | Load centre   | c               | mm    | 600             |
| 1.8                 | Axle centre to fork face                            | x               | mm    | 950(880)        |
| 1.9                 | Wheelbase   | y               | mm    | 1190(1120)      |
| Weights             |   |                 |       |                 |
| 2.1                 | Service weight (include battery)                    |                 | kg    | 130             |
| 2.2                 | Axle loading with load,driving side/loading side    |                 | kg    | 420/910         |
| 2.3                 | Axle loading without load,driving side/loading side |                 | kg    | 110/20          |
| wheels/tyres        |   |                 |       |                 |
| 3.1                 | Tyre type driving wheels/loading wheels             |                 |       | PU/PU           |
| 3.2                 | Tyre size, driving wheels (diameter×width)          |                 | mm    | Φ210x70         |
| 3.3                 | Tyre size, loading wheels (diameter×width)          |                 | mm    | Φ80x60( Φ74x88) |
| 3.5                 | Wheels, number driving/loading (x=drive wheels)     |                 | mm    | 1x/4(1x/2)      |
| Dimensions          |   |                 |       |                 |
| 4.4                 | Lift height   | h <sub>3</sub>  | mm    | 115             |
| 4.9                 | Height of tiller arm in driving position, min./max. | h <sub>14</sub> | mm    | 750/1190        |
| 4.15                | fork height,lowered                                 | h <sub>13</sub> | mm    | 80              |
| 4.19                | Overall length                                      | l <sub>1</sub>  | mm    | 1540            |
| 4.20                | Length to fork face                                 | l <sub>2</sub>  | mm    | 390             |
| 4.21                | Overall width                                       | b <sub>1</sub>  | mm    | 560(685)        |
| 4.22                | Fork dimensions                                     | sxexl           | mm    | 53x150x1150     |
| 4.25                | Outside width of the forks                          | b <sub>5</sub>  | mm    | 560(685)        |
| 4.32                | Ground clearance, center of wheelbase               | m <sub>2</sub>  | mm    | 27              |
| 4.33                | Aisle width for pallets 1000 × 1200 crossways       | Ast             | mm    | 1640            |
| 4.34                | Aisle width for pallets 800 × 1200 lengthways       | Ast             | mm    | 1840            |
| 4.35                | Turning radius                                      | Wa              | mm    | 1390            |
| Performance         |   |                 |       |                 |
| 5.1                 | Travel speed, with/ without load                    |                 | km/h  | 4/4.5           |
| 5.2                 | Lifting speed, with/ without load                   |                 | m/ s  | 0.02/0.025      |
| 5.3                 | Lowering speed, with/ without load                  |                 | m/ s  | 0.09/0.05       |
| 5.8                 | Max. gradeability, with/ without load               |                 | %     | 4/10            |
| 5.10                | service brake                                       |                 |       | electric        |
| Drive               |   |                 |       |                 |
| 6.1                 | Drive motor rating 60 min                           |                 | kW    | 0.65            |
| 6.2                 | Lift motor rating at 15%                            |                 | kW    | 0.5             |
| 6.3                 | Battery Type  |                 |       | Li-ion          |
| 6.4                 | Battery voltage/rated capacity(5h)                  |                 | V/Ah  | 24/20           |
| 6.5                 | Battery weight                                      |                 | kg    | 5.8             |
| 6.6                 | power consumption according to VDI cycle            |                 | KWh/h | 0.25            |
|                     | Charger   |                 |       | 24V10A          |
|                     | Optional battery pack capacity                      |                 |       | 24V 26Ah        |
| others              |   |                 |       |                 |
| 8.1                 | Type of drive control                               |                 |       | DC              |
| 8.4                 | Noise at the driver's ear                           |                 |       | <74             |
|                     | Application   |                 |       | GENERAL         |

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

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