



reddot design award  
winner 2012



# EPT20-15ET

## Electric Pallet Truck 1.5t

- 1st Innovative Design Ever
- Compact Size & Light Weight, Convenient for Operation
- Energy-saving & environment-friendly design maximizes running time
- Incredible Market Share Globally
- Can replace drive wheel only by releasing six nuts



Quick  
Removal  
And  
Replacement

BEFORE: 1 HOUR  
NOW: 10 MINUTES

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

## FEATURE

### ■ Innovation:

1st Innovative Design Ever won the REDDOT award.



### ■ Light Weight, Great Capacity, Great Passingability:

Light weight & compact size create excellent maneuverability & passingability.  
1500KG capacity handles most applications.



### ■ Anti-vibration Technology for Batteries:

Special anti-vibration technology extends maintenance-free battery life.

### ■ Cables:

Robot cables with excellent twist resistance offers longer life span.

### ■ Charger:

Charger with temperature indicator protects battery.

### ■ Operation:

Ergonomically-designed tiller head helps increase efficiency; Internal Charger for Easy Charging.

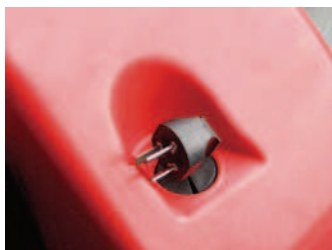
### ■ Safety:

Handy Emergency Disconnect Button & Durable Driving Unit ensure safety under any situation.

### ■ Serviceability:

Assembly Components, Easy for Diagnosis and Replacing.

Can replace drive wheel only by releasing six nuts

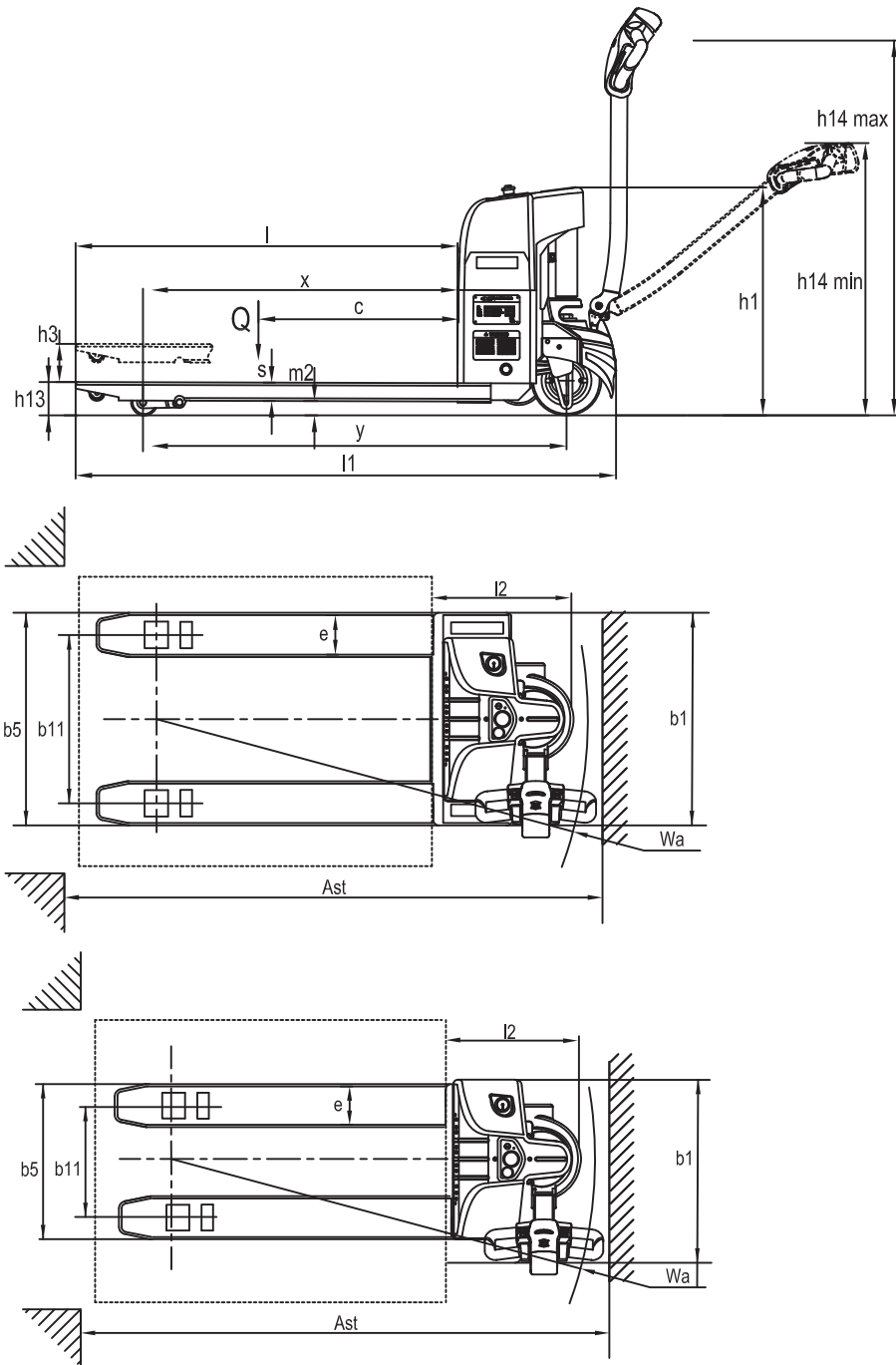


# Electric Pallet Truck 1.5t

## EPT20-15ET

| Distinguishing mark |  |                                 |                    |
|---------------------|--|---------------------------------|--------------------|
| 1.1                 | Manufacturer   |                                 | EP                 |
| 1.2                 | Model designation  |                                 | EPT20-15ET         |
| 1.3                 | Drive unit   |                                 | Electric           |
| 1.4                 | Type of operation  |                                 | pedestrian         |
| 1.5                 | Rated capacity   | Q                               | kg 1500            |
| 1.6                 | Load center distance                                     | c                               | mm 600             |
| 1.8                 | Load distance  | x                               | mm 889/946         |
| 1.9                 | Wheelbase  | y                               | mm 1268/1231       |
| Weight              |  |                                 |                    |
| 2.1                 | Service weight (include battery)                         | kg                              | 205                |
| 2.2                 | Axle loading, laden driving side/loading side            | kg                              | 550/1155           |
| 2.3                 | Axle loading, unladen driving side/loading side          | kg                              | 180/25             |
| Types,Chassis       |  |                                 |                    |
| 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                              | 2x Φ80x60 (Φ74x88) |
| 3.4                 | Tyre size, caster wheels (diameter×width)                | mm                              | /                  |
| 3.5                 | Wheels, number driving , caster/loading (x=drive wheels) | mm                              | 1x /4 (1x /2)      |
| 3.6                 | Track width, front,driving side                          | b <sub>10</sub>                 | mm /               |
| 3.7                 | Track width,rear,loading side                            | b <sub>11</sub>                 | mm 410 (535)       |
| Dimensions          |  |                                 |                    |
| 4.4                 | Lift height  | h <sub>3</sub>                  | mm 115             |
| 4.9                 | Height drawbar in driving position min./max.             | h <sub>14</sub>                 | mm 750/1170        |
| 4.15                | Lowered height   | h <sub>13</sub>                 | mm 85 (75)         |
| 4.19                | Overall length   | l <sub>1</sub>                  | mm 1632            |
| 4.20                | Length to face of forks                                  | l <sub>2</sub>                  | mm 482             |
| 4.21                | Overall width  | b <sub>1</sub> / b <sub>2</sub> | mm 560 (685)       |
| 4.22                | Fork dimensions  | s/ e/ l                         | mm 50/150/1150     |
| 4.25                | Distance between fork-arms                               | b <sub>5</sub>                  | mm 560 (685)       |
| 4.32                | Ground clearance, center of wheelbase                    | m <sub>2</sub>                  | mm 35              |
| 4.34.1              | Aisle width for pallets 1000 × 1200 crossways            | Ast                             | mm 1739            |
| 4.34.2              | Aisle width for pallets 800 × 1200 lengthways            | Ast                             | mm 1939            |
| 4.35                | Turning radius   | Wa                              | mm 1485            |
| Performance data    |  |                                 |                    |
| 5.1                 | Travel speed, laden/ unladen                             | km/ h                           | km/h 4/4.5         |
| 5.2                 | Lifting speed, laden/ unladen                            | m/ s                            | 0.026/0.031        |
| 5.3                 | Lowering speed, laden/ unladen                           | m/ s                            | 0.029/0.021        |
| 5.8                 | Max. gradeability, laden/unladen                         |                                 | 2/6                |
| 5.10                | Service brake type                                       |                                 | Electromagnetic    |
| Electric-engine     |  |                                 |                    |
| 6.1                 | Drive motor rating S2 60 min                             | kW                              | 0.65               |
| 6.2                 | Lift motor rating at S3 15%                              | kW                              | 0.84               |
| 6.3                 | The maximum allowed size battery                         | mm                              | 265*185*215        |
| 6.4                 | Battery voltage/nominal capacity K20                     |                                 | 24/85              |
| 6.5                 | Battery weight   | kg                              | 25.5x2             |
| Addition data       |  |                                 |                    |
| 8.1                 | Type of drive control                                    |                                 | DC                 |
| 10.5                | Steering type  |                                 | Mechanical         |
| 10.7                | Sound pressure level at the driver's ear                 |                                 | 74                 |

- 1.The parameters in the table are of the standard model. For more information, please contact us.
- 2.The parameters are subject to change without notice.



## Option

| Options                           | EPT20-15ET                          |
|-----------------------------------|-------------------------------------|
| Fork length                       | ●800/915/1000/1070/1100/1300/1400mm |
| Fork width                        | ●460/520/600mm                      |
| Single load wheel                 | ●                                   |
| Fork lowered height               | ●40mm ( Capacity <=1000kg )         |
| Driving wheel                     | PU wheel with Pattern               |
| Balance wheel                     | ●                                   |
| Battery capacity                  | ●65AH                               |
| Lateral change battery            | ●                                   |
| battery indicator with hour meter | ●                                   |
| half speed function in turning    | ●                                   |
| Backrest height                   | ●1220mm (48in)/1520mm (60in)        |
| Water proof                       | ●                                   |
| Scale                             | ●                                   |