

# EPT20-15ET9

## ELECTRIC PALLET TRUCK

 1500 kg  105 mm  24 V AGM



The EPT20-15ET9 is designed for efficient pallet transport across warehouses, supermarkets, production areas, and delivery operations. Its compact build and 1440 mm turning radius make it the perfect fit for narrow aisles, trucks, or small storage spaces. Whether you're moving goods between workstations or loading pallets for transport, the EPT20-15ET9 ensures effortless maneuverability and dependable performance.

| SPECIFICATION                               | REF                            | UNIT | VALUE       |
|---------------------------------------------|--------------------------------|------|-------------|
| Manufacturer                                |                                |      | EP          |
| Model designation                           |                                |      | EPT20-15ET9 |
| Battery voltage                             |                                | V    | 24          |
| Rated capacity                              | Q                              | kg   | 1500        |
| Load centre distance                        | c                              | mm   | 600         |
| Service weight                              |                                | kg   | 158         |
| Lift                                        | h <sub>3</sub>                 | mm   | 105         |
| Overall length                              | l <sub>1</sub>                 | mm   | 1618        |
| Overall width                               | b <sub>1</sub> /b <sub>2</sub> | mm   | 620(685)    |
| Length to face of forks                     | l <sub>2</sub>                 | mm   | 468         |
| Fork dimensions                             | s/e/l                          | mm   | 50/150/1150 |
| Turning radius                              | Wa                             | mm   | 1440        |
| Drive                                       |                                |      | Electric    |
| Operator type                               |                                |      | Pedestrian  |
| Load distance, centre of drive axle to fork | x                              | mm   | 946         |
| Wheelbase                                   | y                              | mm   | 1249        |

# Features

## Compact and maneuverable design

With a turning radius of only 1440 mm, the EPT20-15ET9 operates easily in narrow aisles, retail backrooms, and truck loading areas. Its short chassis enhances control and precision even in tight corners.

## Integrated charging convenience

The 24V/72Ah AGM battery and built-in charger make charging simple — plug in and recharge anywhere, without external equipment or downtime.

## Turtle button for tight-space control

The vertical tiller “turtle mode” enables precise control when the handle is upright, offering exceptional maneuverability in confined areas for improved safety and flexibility.

## Durable all-metal protection

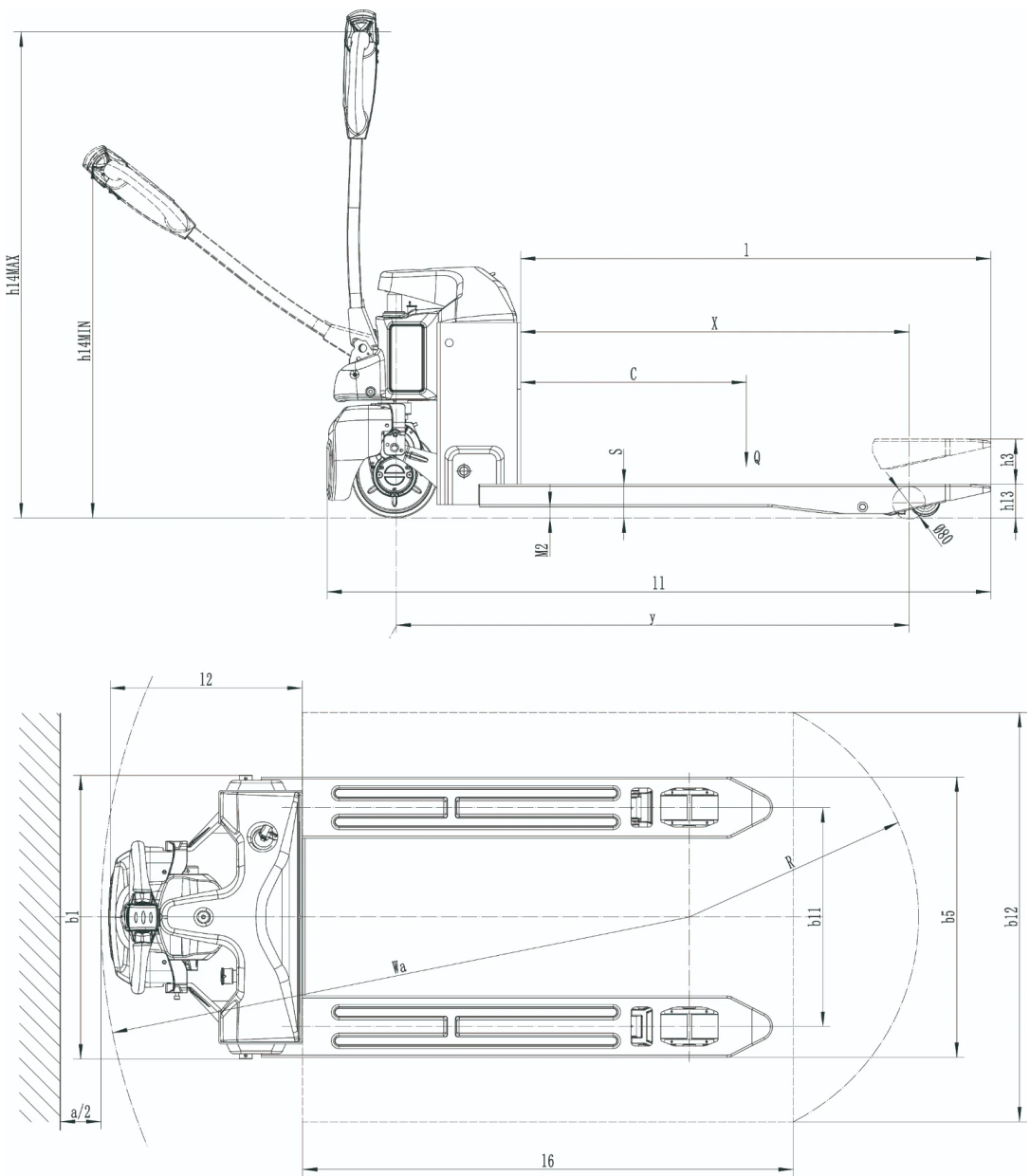
A reinforced steel front cover protects the drive unit and battery, ensuring long-term reliability even in demanding industrial applications.

# VDI Chart

|     | SPECIFICATION                               | REF | UNIT | VALUE        |
|-----|---------------------------------------------|-----|------|--------------|
| 1.1 | Manufacturer                                |     |      | EP           |
| 1.2 | Model designation                           |     |      | EPT20-15ET9  |
| 1.3 | Drive                                       |     |      | Electric     |
| 1.4 | Operator type                               |     |      | Pedestrian   |
| 1.5 | Rated capacity                              | Q   | kg   | 1500         |
| 1.6 | Load centre distance                        | c   | mm   | 600          |
| 1.8 | Load distance, centre of drive axle to fork | x   | mm   | 946          |
| 1.9 | Wheelbase                                   | y   | mm   | 1249         |
| 2.1 | Service weight                              |     | kg   | 158          |
| 2.2 | Axle loading, laden front/rear              |     | kg   | 547/1111     |
| 2.3 | Axle loading, unladen front/rear            |     | kg   | 132/26       |
| 3.1 | Tyres                                       |     |      | Polyurethane |
| 3.2 | Tyre size, front                            |     | mm   | Φ210x70      |

|        | SPECIFICATION                                 | REF                            | UNIT  | VALUE           |
|--------|-----------------------------------------------|--------------------------------|-------|-----------------|
| 3.3    | Tyre size, rear                               |                                | mm    | Φ80x61          |
| 3.4    | Additional wheels (castor wheels)             |                                | mm    | Φ74x30          |
| 3.5    | Wheels, number front/rear (x=drive wheels)    |                                |       | 1x -/4          |
| 3.7    | Tread width, rear                             | b <sub>11</sub>                | mm    | 410(535)        |
| 4.4    | Lift                                          | h <sub>3</sub>                 | mm    | 105             |
| 4.9    | Height drawbar in driving position min./max.  | h <sub>14</sub>                | mm    | 670/1200        |
| 4.15   | Height, lowered                               | h <sub>13</sub>                | mm    | 80              |
| 4.19   | Overall length                                | l <sub>1</sub>                 | mm    | 1618            |
| 4.20   | Length to face of forks                       | l <sub>2</sub>                 | mm    | 468             |
| 4.21   | Overall width                                 | b <sub>1</sub> /b <sub>2</sub> | mm    | 620(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, centre of wheelbase         | m <sub>2</sub>                 | mm    | 30              |
| 4.34.1 | Aisle width for pallets 1000×1200 crossways   | Ast                            | mm    | 2201            |
| 4.34.2 | Aisle width for pallets 800 × 1200 lengthways | Ast                            | mm    | 2114            |
| 4.35   | Turning radius                                | Wa                             | mm    | 1440            |
| 5.1    | Travel speed, laden/unladen                   |                                | km/h  | 4/4.5           |
| 5.2    | Lift speed, laden/unladen                     |                                | m/s   | 0.022/0.028     |
| 5.3    | Lowering speed, laden/unladen                 |                                | m/s   | 0.055/0.031     |
| 5.8    | Max. gradeability, laden/unladen              |                                | %     | 5/16            |
| 5.10   | Service brake                                 |                                |       | Electromagnetic |
| 6.1    | Drive motor rating S2 60 min                  |                                | kW    | 0.75            |
| 6.2    | Lift motor rating at S3 15%                   |                                | kW    | 0.8             |
| 6.4.1  | Battery voltage                               |                                | V     | 24              |
| 6.4.2  | Battery nominal capacity K5                   |                                | Ah    | 72              |
| 6.4.3  | Battery type                                  |                                |       | AGM             |
| 6.5    | Battery weight                                |                                | kg    | 34              |
| 8.1    | Type of drive unit                            |                                |       | DC              |
| 10.5   | Steering design                               |                                |       | Mechanical      |
| 10.7   | Sound pressure level at the driver's seat     |                                | dB(A) | 74              |

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.



Options

| ITEM                 | OPTIONS (optional items marked in yellow) |
|----------------------|-------------------------------------------|
| Fork dimension       | 685*1150(800~2000)   560*1150(800~2000)   |
| Fork lowered height  | 80                                        |
| Load wheel type      | double   single                           |
| Load wheel material  | PU                                        |
| Drive wheel material | PU                                        |
| Battery capacity     | 24V 72Ah AGM                              |

| ITEM                       | OPTIONS (optional items marked in yellow) |
|----------------------------|-------------------------------------------|
| Charger                    | 24V-10A Internal                          |
| Battery indicator          | With hourmeter                            |
| Castor wheels              | No   Yes and not customized               |
| Buzzer                     | Yes and not customized                    |
| Drive assembly             | Yes and not customized                    |
| Drive cover off the ground | Standard                                  |