



EPT20-RASS Electric Pallet Truck 2.0t

Fits the Dual Monitoring of Traveling and Steering Motors International Safety Standard;
Ergonomic Design Offers Perfect Combination of Performance & Safety;
Best Choice for High Efficiency & Heavy Duty Handling Task,
Top Driving Speed (Optional) Reaches 12KM/H.

EP EQUIPMENT CO.,LTD
www.ep-eq.eu



FEATURE

Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- One-time formed fork, box type frame and adjustable linkage extends the life of undercarriage.
- High Speed(Up to 12KM/H Unladen): High Efficiency of Material Handling Operations



Safety

- Half-surrounded operator compartment design.
- Side leaning position provides wider view when travel forward and backward.
- Safety foot switch avoids operators from misoperating.
- Automatic braking and reverse current braking when foot switch is off or travel switch is neutral.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- Dual-monitoring power steering, the top safety design(electric steering).

Operation

- With the new design of ergonomical tiller head, all buttons are controlled conveniently & comfortably.
- With backrest cushion, support seat, spacious operation room and vibration absorber pedal, operator will feel more comfortable.
- The unique suspension driving floating system(DFA) design, ensures the stability in high speed.
- Side-open battery compartment design for easy replacement and maintenance.
- Electric power steering, smooth & comfortable (EPS).

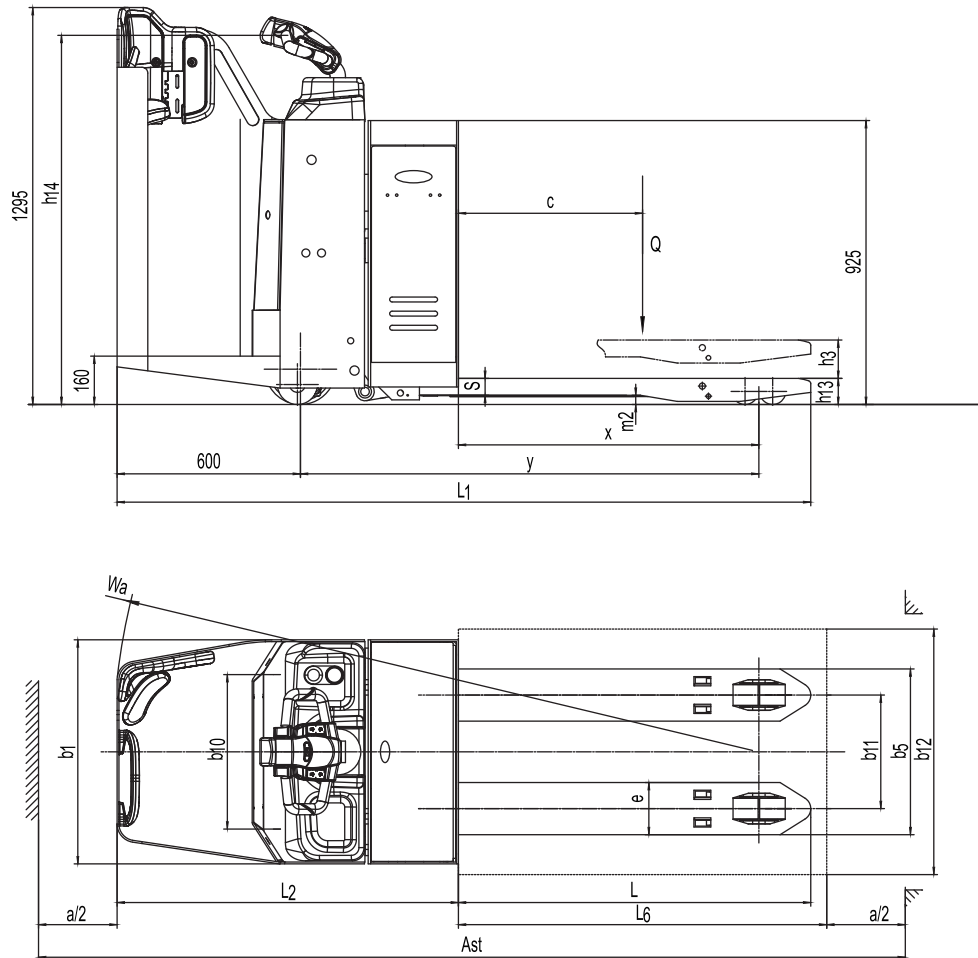
Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Low voltage lift cut off design protects the battery.

Electric Pallet Truck 2.0t EPT20-RASS

| Distinguishing mark | | | | |
|---------------------|---|---------------------------------|-------|-----------------------------|
| 1.1 | Manufacturer | | | EP |
| 1.2 | Model designation | | | EPT20-RASS |
| 1.3 | Drive unit | | | Electrics |
| 1.4 | Operator type | | | standing |
| 1.5 | rated capacity | Q | kg | 2000 |
| 1.6 | Load center distance | c | mm | 600 |
| 1.8 | Load distance | x | mm | 958 |
| 1.9 | Wheelbase | y | mm | 1465 |
| Weight | | | | |
| 2.1 | Service weight (include battery) | | kg | 810 |
| 2.2 | Axle loading, laden driving side/loading side | | kg | 1166 / 1644 |
| 2.3 | Axle loading, unladen driving side/loading side | | kg | 630 / 180 |
| Types,Chassis | | | | |
| 3.1 | Tyre type driving wheels/loading wheels | | | polyurethane / polyurethane |
| 3.2 | Tyre size, driving wheels (diameter×width) | | mm | Φ230x75 |
| 3.3 | Tyre size, loading wheels (diameter×width) | | mm | Φ85x70 |
| 3.4 | Tyre size, caster wheels (diameter×width) | | mm | Φ130x60 |
| 3.5 | Wheels, number driving, caster/loading (x=drive wheels) | | mm | 1 x +2 / 4 |
| 3.6 | Track width, front,driving side | b ₁₀ | mm | 510 |
| 3.7 | Track width,rear,loading side | b ₁₁ | mm | 370 / 430 / 515 |
| Dimensions | | | | |
| 4.4 | Lift height | h ₃ | mm | 125 |
| 4.9 | Height drawbar in driving position min./max. | h ₁₄ | mm | 1200 |
| 4.15 | Lowered height | h ₁₃ | mm | 85 |
| 4.19 | Overall length | l ₁ | mm | 2255 |
| 4.20 | Length to face of forks | l ₂ | mm | 1105 |
| 4.21 | Overall width | b ₁ / b ₂ | mm | 730 |
| 4.22 | Fork dimensions | s/ e/ l | mm | 55 x 170 x 1150 |
| 4.25 | Outside width of the forks | b ₅ | mm | 540 / 600 / 685 |
| 4.32 | Ground clearance, center of wheelbase | m ₂ | mm | 30 |
| 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | Ast | mm | 2902 |
| 4.34.2 | Aisle width for pallets 800 × 1200 lengthways | Ast | mm | 2750 |
| 4.35 | Turning radius | Wa | mm | 2102 |
| Performance data | | | | |
| 5.1 | Travel speed, laden/ unladen | km/ h | km/h | 9.0 / 12.0 |
| 5.2 | Lifting speed, laden/ unladen | | m/ s | 0.051 / 0.060 |
| 5.3 | Lowering speed, laden/ unladen | | m/ s | 0.032 / 0.039 |
| 5.8 | Max. gradeability, laden/unladen | | % | 8 / 16 |
| 5.10 | Service brake type | | | Electromagnetic |
| Electric-engine | | | | |
| 6.1 | Drive motor rating S2 60 min | | kW | 2.5 |
| 6.2 | Lift motor rating at S3 15% | | kW | 1 |
| 6.3 | The maximum allowed size battery | | mm | 652 x 270 x 680 |
| 6.4 | Battery voltage/nominal capacity K5 | | V/Ah | 24 / 280 |
| 6.5 | Battery weight | | kg | 250 |
| Addition data | | | | |
| 8.1 | Type of drive control | | | AC |
| 10.5 | Steering type | | | Electronic |
| 10.7 | Sound 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.



Option

| Options | EPT20-RASS |
|--------------------------------------|------------------------------|
| Fork length | ○1150/1220 |
| Fork width | ○685/600/540mm |
| Double load wheel | ● |
| Single load wheel | ● |
| Driving wheel | ●PU |
| Balance wheel | — |
| Battery capacity | ○360Ah |
| Lateral change battery | ○360Ah |
| Battery indicator without hour meter | ○ |
| Battery indicator with hour meter | ● |
| Water auto-filling system | ○ |
| half speed function in turning | ● |
| Special backrest | ○1220mm (48in)/1520mm (60in) |
| Note: | ●standard ○option —NA |

WAELLER sp. z o.o. sp. k.

PL 83-034 Trąbki Wielkie, ul. Towarowa 1 • PL 80-457 Gdańsk, ul. Powstańców Wielkopolskich 11

Tel. (+48) 58 683 01 53, 58 691 27 15, 784 046 763, 601 642 339

biuro@ep-eq.pl • www.ep-eq.pl