



20/25REP

Ride-on Electric Pallet Truck 2.0t, 2.5t
Ideal for Heavy Duty - Long Distance Material Handling

Ñ 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:

- Side leaning position provides wider view when travel forwards and backward.
- Safety foot switch avoids operators from misoperation.
- Automatic braking and reverse current braking when foot switch is off or travel switch is neutral.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency button will cut off power source to avoid operator injury.
- Dual-monitoring power steering, the top safety design (electric steering).

Operation:

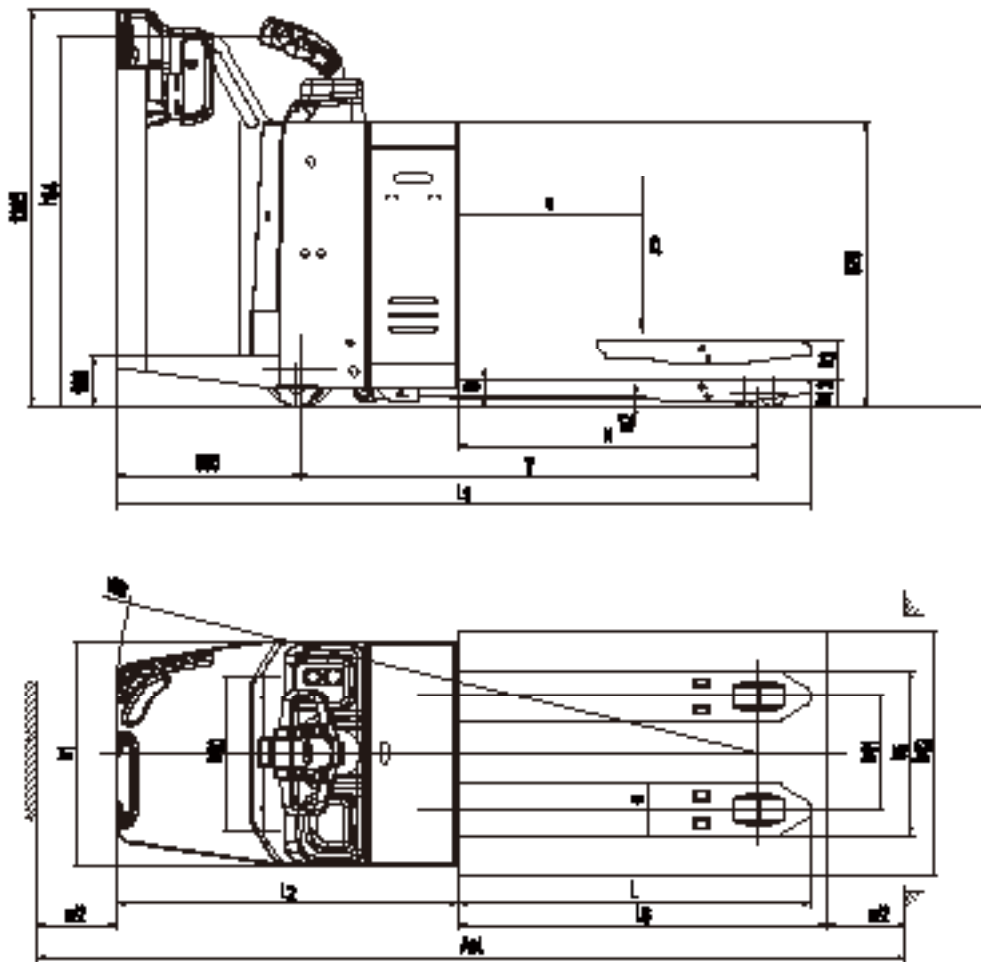
- With the new designs of ergonomic tiller head, all buttons can be reached conveniently & comfortably.
- The unique suspension driving floating system (DFA) design, ensures the stability in high speed.
- Side-open battery compartment design for easy replacement and maintenance.
- Electric power steering, 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.

| Distinguishing Mark | | | | | | | |
|---------------------|---|--------------------------------|-------|-------------------------|-------------|-------------------------|-------------|
| 1.2 | Model designation | | | 20REP | | 25REP | |
| 1.3 | Drive unit | | | Electrics | | Electrics | |
| 1.4 | Operator type | | | Standing | | Standing | |
| 1.5 | Rated capacity | Q | kg | 2000 | | 2500 | |
| 1.6 | Load center distance | c | mm | 600 | | 600 | |
| 1.8 | Load distance | x | mm | 916/982 | 937/1003 | 916/982 | 937/1003 |
| 1.9 | Wheelbase | y | mm | 1418 | 1438 | 1418 | 1438 |
| Weight | | | | | | | |
| 2.1 | Service weight (include battery) | | kg | 670 | | 690 | |
| 2.2 | Axle loading, laden driving side/loading side | | kg | 1066 / 1604 | | 1176 / 2014 | |
| 2.3 | Axle loading, unladen driving side/loading side | | kg | 546 / 124 | | 556 / 134 | |
| Types, Chassis | | | | | | | |
| 3.1 | Tyre type, driving wheels / loading wheels | | | PU / PU | | PU / PU | |
| 3.2 | Tyre size, driving wheels (diametre x width) | | mm | 230 x 75 | | 230 x 75 | |
| 3.3 | Tyre size, loading wheels (diametre x width) | | mm | 85x70 / 83x115 | | 85x70 / 83x115 | |
| 3.4 | Tyre size, caster wheels (diametre x width) | | mm | 130x60 | | 130x60 | |
| 3.5 | Wheels, number driving, caster/loading (x=drive wheels) | | mm | 1 x +2 / 4 / 1 x +2 / 2 | | 1 x +2 / 4 / 1 x +2 / 2 | |
| 3.6 | Track width, front, driving side | b ₁₀ | mm | 510 | | 510 | |
| 3.7 | Track width, rear, loading side | b ₁₁ | mm | 370 / 430 / 515 | | 370 / 430 / 515 | |
| Dimensions | | | | | | | |
| 4.4 | Lift height | h ₃ | mm | 125 | | 125 | |
| 4.9 | Height drawbar in driving position min./max. | h ₁₄ | mm | 1150/1470 | | 1150/1470 | |
| 4.15 | Lowered height | h ₁₃ | mm | 85 | | 85 | |
| 4.19 | Overall length | l ₁ | mm | 1860 | 1930 | 1860 | 1930 |
| 4.20 | Length to face of forks | l ₂ | mm | 710 | | 710 | |
| 4.21 | Overall width | b ₁ /b ₂ | mm | 730 | | 730 | |
| 4.22 | Fork dimensions | s/ e/ l | mm | 55x170x1150 | 55x170x1220 | 55x170x1150 | 55x170x1220 |
| 4.25 | Distance between fork-arms | b ₃ | mm | 540 / 600 / 685 | | 540 / 600 / 685 | |
| 4.32 | Ground clearance, center of wheelbase | m ₂ | mm | 30 | | 30 | |
| 4.34.1 | Aisle width for pallets 1000 x 1200 crossways | Ast | mm | 1984 | | 1984 | |
| 4.34.2 | Aisle width for pallets 800 x 1200 lengthways | Ast | mm | 2184 | | 2184 | |
| 4.35 | Turning radius | Wa | mm | 1700 | | 1700 | |
| Performance data | | | | | | | |
| 5.1 | Travel speed, laden/ unladen | km/h | km/h | 5.5/6 | | 5.5/6 | |
| 5.2 | Lifting speed, laden/ unladen | | m/ s | 0.023/0.031 | | 0.023/0.031 | |
| 5.3 | Lowering speed, laden/ unladen | | m/ s | 0.043/0.032 | | 0.043/0.032 | |
| 5.8 | Max. gradeability, laden/unladen | | % | 8/16 | | 6/16 | |
| 5.10 | Service brake type | | | Electromagnetic | | Electromagnetic | |
| Electric-engine | | | | | | | |
| 6.1 | Drive motor rating S2 60min | | kW | 1.5 | | 1.5 | |
| 6.2 | Lift motor rating at S3 15% | | kW | 1 | | 1 | |
| 6.3 | The maximum allowed size battery | | mm | 660x205x660 | | 660x205x660 | |
| 6.4 | Battery voltage/nominal capacity K5 | | V/Ah | 24/210 | | 24/210 | |
| 6.5 | Battery weight | | kg | 190 | | 190 | |
| Additional data | | | | | | | |
| 8.1 | Type of drive control | | | AC | | AC | |
| 10.5 | Steering type | | | Mechanical/Electronic | | Mechanical/Electronic | |
| 10.7 | Sound pressure level at the driver's ear | | dB(A) | 74 | | 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.



Options

| Options | 20REP | 25REP |
|---|--|--|
| Fork length | ¡ 850/1000/1300/1450/1600/ 1800/2000/2400mm | ¡ 850/1000/1300/1450/1600/ 1800/2000/2400mm |
| Fork width | ¡ 460/790/840mm | ¡ 460/790/840mm |
| Double load wheel | | |
| Single load wheel | | |
| Fork lowered height | - | - |
| Driving wheel | PU | PU |
| | ¡ Rubber | ¡ Rubber |
| Balance wheel | | |
| Battery capacity | ¡ 240AH/270AH/360AH | ¡ 240AH/270AH/360AH |
| Lateral change battery | ¡ 165/210AH/240AH | ¡ 165/210AH/240AH |
| Cold storage | ¡ | ¡ |
| Battery indicator without hour meter | ¡ | ¡ |
| Battery indicator with hour meter | | |
| Water auto-filling system | ¡ | ¡ |
| Vertical handler working | ¡ | ¡ |
| Half speed function in turning | - | - |
| Guard arm | | |
| Special backrest | ¡ 220mm (48in)/1520mm (60in) | ¡ 220mm (48in)/1520mm (60in) |

Note: | standard ¡ option - NA

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