



EPT20-20ETC

ELECTRIC COLD STORAGE PALLET TRUCK 2.0T

2000 kg 115 mm 48 V Lead Acid



The EPT20-20ETC is ideal for supermarkets, distribution centers, and food or pharmaceutical logistics. It ensures smooth transfer of temperature-sensitive products such as dairy, beverages, and frozen goods, both in and out of refrigerated areas. Thanks to its compact size, sealed design, and specialized cold-resistant components, it provides stable and safe handling even on uneven surfaces.

| SPECIFICATION | REF | UNIT | VALUE |
|---|-----------|------|-------------|
| Battery type | | | Lead Acid |
| Battery nominal capacity | | Ah | 40 |
| Battery voltage | | V | 48 |
| Load capacity | Q | kg | 2000 |
| Load centre distance | c | mm | 600 |
| Service weight | | kg | 309 |
| Lift height | h_3 | mm | 115 |
| Overall length | | mm | 1673 |
| Overall width | b_1/b_2 | mm | 560 (685) |
| Length to face of forks | I_2 | mm | 522 |
| Fork dimensions | s/e/l | mm | 50/150/1150 |
| Operator type | | | Pedestrian |
| Load distance, centre of drive axle to fork | | mm | 946 |
| Wheelbase | | mm | 1301 |
| Axle loading, laden front/rear | | kg | 722/1498 |
| Axle loading, unladen front/rear | | kg | 180/40 |

Features

Cold storage ready

Engineered to operate in environments as low as -25°C, the EPT20-20ETC ensures reliable performance where conventional pallet trucks would fail. Its thermal management and sealed construction keep operations running smoothly despite harsh conditions.

Compact and agile design

With a turning radius of only 1505 mm and a compact chassis, this pallet truck is designed to move efficiently in tight cold storage spaces and narrow aisles, maximizing space utilization.

Sealed and protected systems

Featuring IP67 motor protection and a fully sealed structure, the EPT20-20ETC shields its components from condensation, corrosion, and dirt. This guarantees longer service life and lower maintenance costs, even under extreme conditions.

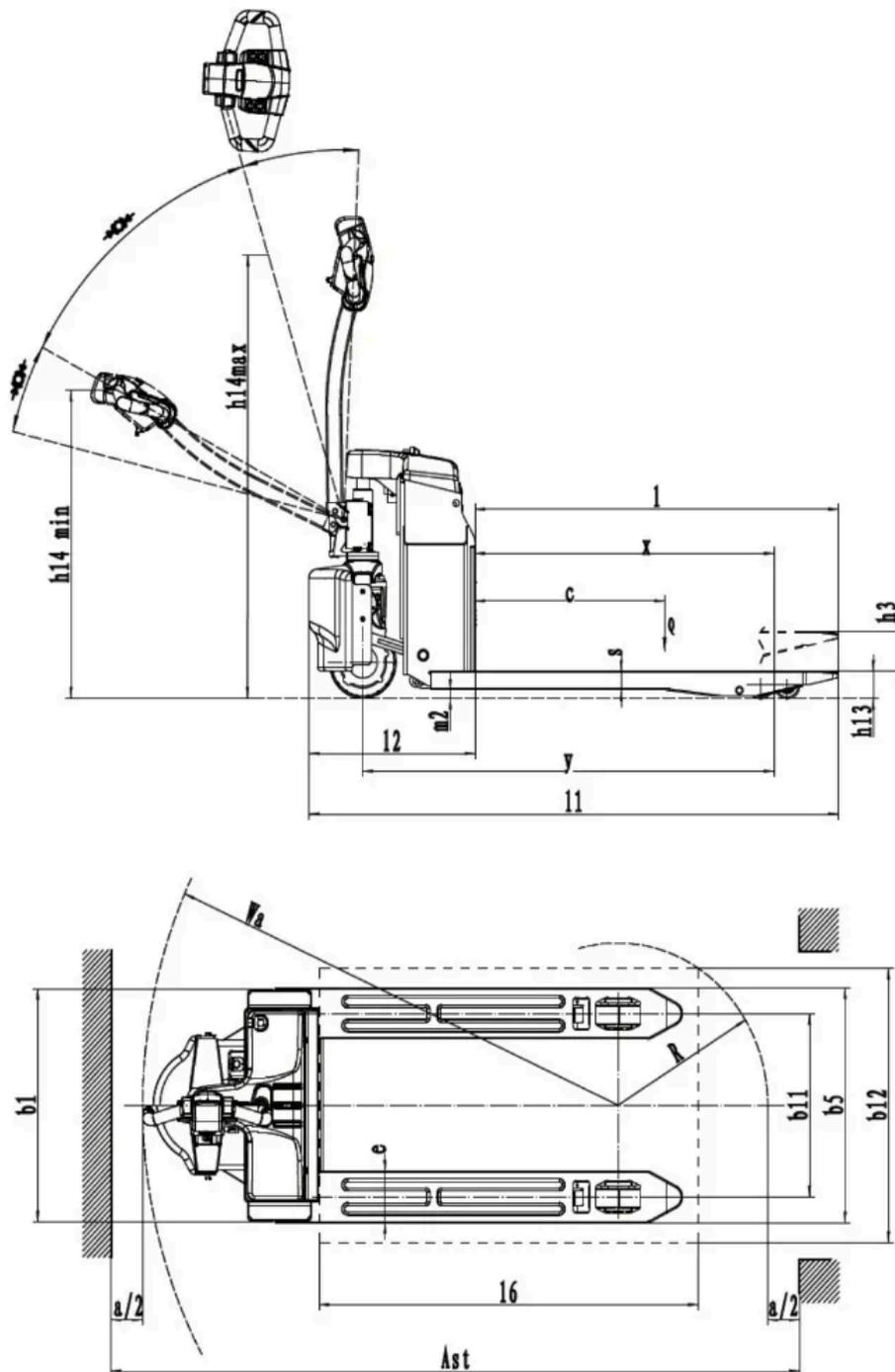
Slip-resistant traction

The rubber drive wheel provides excellent grip on icy or slippery surfaces, enhancing safety for operators and protecting goods during transport.

VDI Chart

| | SPECIFICATION | REF | UNIT | VALUE |
|-----|---|-----|------|-----------------------------------|
| 1.4 | Operator type | | | Pedestrian |
| 1.5 | Load capacity | Q | kg | 2000 |
| 1.6 | Load centre distance | c | mm | 600 |
| 1.8 | Load distance, centre of drive axle to fork | | mm | 946 |
| 1.9 | Wheelbase | | mm | 1301 |
| 2.1 | Service weight | | kg | 309 |
| 2.2 | Axle loading, laden front/rear | | kg | 722/1498 |
| 2.3 | Axle loading, unladen front/rear | | kg | 180/40 |
| 3.1 | Tyre type | | | Rubber/Polyurethane, Rubber/Nylon |

| SPECIFICATION | | REF | UNIT | VALUE |
|---------------|---|--------------------------------|-------|-----------------|
| 3.2 | Tyre size, front | | | Φ210x70 |
| 3.3 | Tyre size, rear | | | Φ80x61 / 105x88 |
| 3.5 | Additional wheels (castor wheels) | | | — |
| 3.5 | Wheels, number front/rear (x=drive wheels) | | | 1x, -/4 |
| 3.7 | Tread width, rear | b ₁₁ | mm | 410 (535) |
| 4.19 | Overall length | | mm | 1673 |
| 4.20 | Length to face of forks | I ₂ | mm | 522 |
| 4.21 | Overall width | b ₁ /b ₂ | mm | 560 (685) |
| 4.22 | Fork dimensions | s/e/l | mm | 50/150/1150 |
| 4.32 | Ground clearance, centre of wheelbase | | mm | 30 |
| 4.34.1 | Aisle width for pallets 1000×1200 crossways | | Ast | 2307 |
| 4.34.2 | Aisle width for pallets 800×1200 lengthways | | Ast | 2179 |
| 4.4 | Lift height | h ₃ | mm | 115 |
| 5.1 | Travel speed, laden/unladen | | km/h | 4/4.5 |
| 5.10 | Service brake | | | Electromagnetic |
| 5.2 | Lifting speed, laden/unladen | | m/s | 0.027/0.038 |
| 5.3 | Lowering speed, laden/unladen | | m/s | 0.059/0.039 |
| 5.8 | Max. gradeability, laden/unladen | | % | 8/20 |
| 6.1 | Drive motor rating S2 60 min | | kW | 0.9 |
| 6.2 | Lift motor rating at S3 15% | | kW | 0.8 |
| 6.4 | Battery nominal capacity | | Ah | 40 |
| 6.4 | Battery voltage | | V | 48 |
| 6.4.1 | Battery type | | | Lead Acid |
| 6.5 | Battery weight | | kg | 40.8 |
| 8.1 | Type of drive control | | | AC |
| 10.5 | Steering design | | | Mechanical |
| 10.7 | Sound pressure level at the drivers ear | | dB(A) | 74 |



Options

| ITEM | OPTIONS (optional items marked in yellow) |
|----------------|--|
| Fork dimension | 1150*560 560*800 560*1000 560*1150 560*1220 560*1300 560*1400 560*1500 560*1600 560*1800 560*2000 685*800 685*1000 685*1150 685*1220 685*1300 685*1400 685*1500 685*1600 685*1800 685*2000 |

| ITEM | OPTIONS (optional items marked in yellow) |
|---------------------------------|---|
| Fork lowered height | 80 |
| Load wheel type | Double Single |
| Load wheel material | PU |
| Drive wheel material | Rubber PU |
| Battery capacity | 40Ah Lead acid |
| Charger | 48V-6A External |
| Battery display indicator (BDI) | With hourmeter |
| Castor wheels | No Yes and not customized |