






EPT25-WA

HEAVY-DUTY PALLET TRUCK 2.5T

 2500 kg  120 mm  24 V Lead Acid/Li-ion



The EPT25-WA is ideal for high-intensity pallet transport in distribution centers, warehouses, and loading docks. Its anti-rollback brake, emergency disconnect, and automatic speed reduction features make it a safe choice for operators. Optional cold storage configuration expands its versatility to frozen food and pharmaceutical supply chains.

| SPECIFICATION | REF | UNIT | VALUE |
|---|--------------------------------|------|-------------------|
| Battery type | | | Lead Acid/Li-ion |
| Battery nominal capacity | | Ah | 240 205 |
| Battery voltage | | V | 24 |
| Load capacity | Q | kg | 2500 |
| Load centre distance | c | mm | 600 |
| Service weight | | kg | 565 400 |
| Lift height | h ₃ | mm | 120 |
| Overall length | | mm | 1769 |
| Overall width | b ₁ /b ₂ | mm | 710 |
| Fork dimensions | s/e/l | mm | 55x170x1150 |
| Turning radius | | Wa | 1600 |
| Operator type | | | Pedestrian |
| Load distance, centre of drive axle to fork | | mm | 916 982 |
| Wheelbase | | mm | 1418 |
| Axle loading, laden front/rear | | kg | 985 1580 820 1580 |
| Axle loading, unladen front/rear | | kg | 460 105 295 105 |

Features

High load capacity with compact design

Supporting up to 2500 kg, the EPT25-WA offers strength and endurance in a compact format. With a 1600 mm turning radius, it is maneuverable in narrow aisles despite its heavy-duty capacity.



Advanced AC drive system

The vertical AC traction motor with gearbox provides strong power output, precise control, and reduced maintenance needs. Its robust hydraulic unit ensures smooth and reliable lifting under heavy loads.

Safety-driven engineering

Equipped with anti-rollback brake, emergency disconnect, and automatic speed reduction, the EPT25-WA prioritizes operator protection. The curved chassis and belly button protection further reduce risks in daily use.



Flexible customization

Businesses can adapt the truck with options such as cold storage configuration, weighing system, and telematics. These upgrades extend its usability to specialized environments and modern fleet management systems.

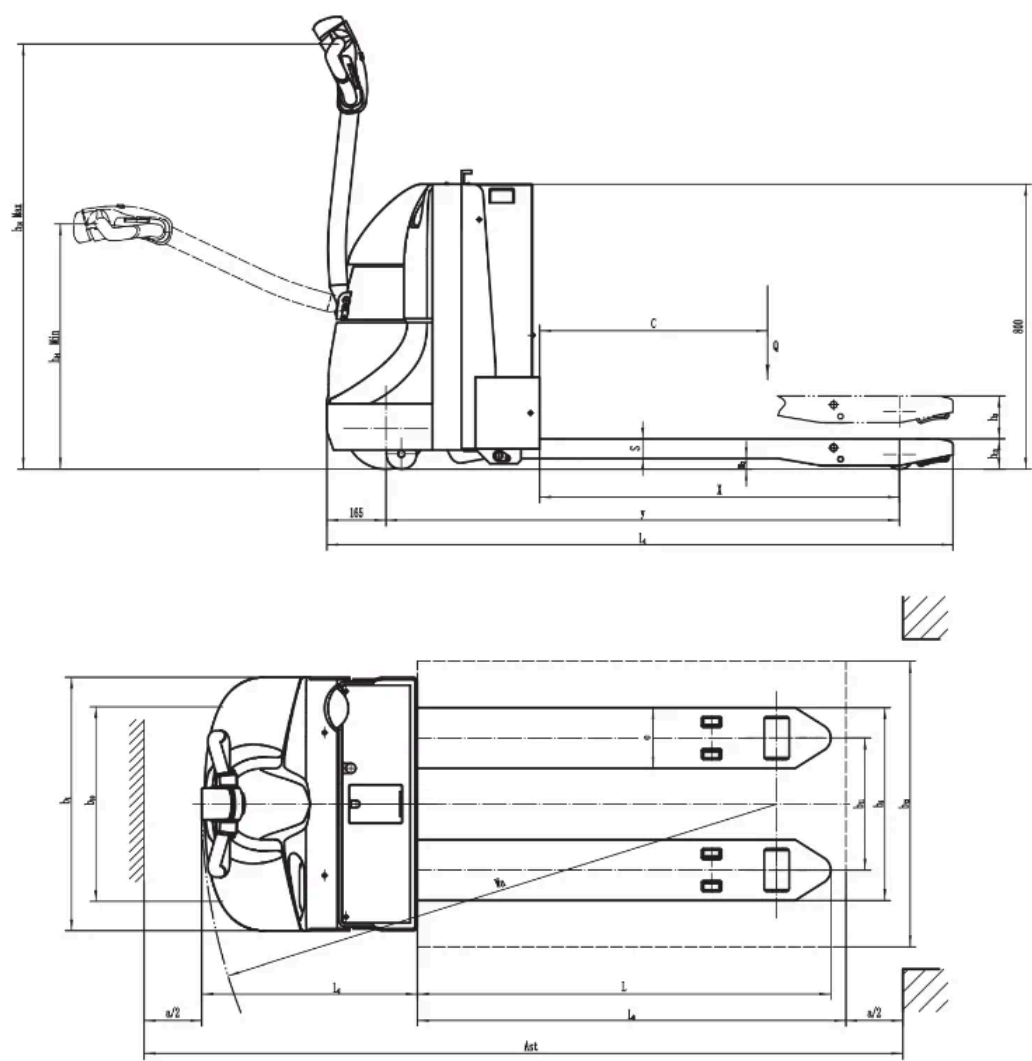
VDI Chart

| SPECIFICATION | | REF | UNIT | VALUE |
|---------------|---------------|-----|------|------------|
| 1.4 | Operator type | | | Pedestrian |
| 1.5 | Load capacity | Q | kg | 2500 |

| | SPECIFICATION | REF | UNIT | VALUE |
|--------|---|--------------------------------|-------|-------------------|
| 1.6 | Load centre distance | c | mm | 600 |
| 1.8 | Load distance, centre of drive axle to fork | | mm | 916/982 |
| 1.9 | Wheelbase | | mm | 1418 |
| 2.1 | Service weight | | kg | 565 400 |
| 2.2 | Axle loading, laden front/rear | | kg | 985/1580 820/1580 |
| 2.3 | Axle loading, unladen front/rear | | kg | 460/105 295/105 |
| 3.1 | Tyre type | | | Polyurethane |
| 3.2 | Tyre size, front | | mm | Φ85x70 |
| 3.3 | Tyre size, rear | | mm | Φ230x75 |
| 3.4 | Additional wheels (castor wheels) | | mm | Φ85x48 |
| 3.5 | Wheels, number front/rear (x=drive wheels) | | | 1 x +2 / 4 |
| 3.6.1 | Tread width, front | b ₁₀ | mm | 498 |
| 3.7.1 | Tread width, rear | b ₁₁ | mm | 515 |
| 4.0 | Max lift height | H | mm | 120 |
| 4.19 | Overall length | | mm | 1769 |
| 4.21 | Overall width | b ₁ /b ₂ | mm | 710 |
| 4.22 | Fork dimensions | s/e/l | mm | 55x170x1150 |
| 4.32 | Ground clearance, centre of wheelbase | | mm | 30 |
| 4.34.1 | Aisle width for pallets 1000×1200 crossways | | Ast | 2400 |
| 4.34.2 | Aisle width for pallets 800×1200 lengthways | | Ast | 2255 |
| 4.35 | Turning radius | | Wa | 1600 |
| 4.4 | Lift height | h ₃ | mm | 120 |
| 4.9 | Height of tiller handle in drive position min./max. | | | 715/1200 |
| 5.1 | Travel speed, laden/unladen | | km/h | 5/5.5 |
| 5.2 | Lifting speed, laden/unladen | | m/s | 0.051/0.060 |
| 5.8 | Max. gradeability, laden/unladen | | % | 8/16 |
| 6.1 | Drive motor rating S2 60 min | | kW | 1.6 |
| 6.2 | Lift motor rating at S3 15% | | kW | 0.84 |
| 6.4 | Battery nominal capacity | | Ah | 240 205 |
| 6.4 | Battery voltage | | V | 24 |
| 6.4.1 | Battery type | | | Lead Acid/Li-ion |
| 6.5 | Battery weight | | kg | 220 62 |
| 6.6 | Energy consumption according to DIN EN 16796 | | kWh/h | 0.297 |
| 6.7 | Turnover output according to VDI 2198 | | | 84 |
| 6.8 | Turnover efficiency according to VDI 2198 | | | 177.59 |

| | SPECIFICATION | REF | UNIT | VALUE |
|------|---|-----|-------|-------|
| 8.1 | Type of drive control | | | AC |
| 10.7 | Sound pressure level at the drivers ear | | dB(A) | 74 |
| 15.1 | Charger output current | | A | 30 |

VDI Drawing



Options

| ITEM | OPTIONS (optional items marked in yellow) |
|---------------------|---|
| Fork lowered height | 85 |
| Load wheel type | Double Single |
| Handle head type | Standard handle head |

| ITEM | OPTIONS (optional items marked in yellow) |
|---------------------------------|---|
| Load wheel material | PU |
| Drive wheel material | PU Trace PU Rubber |
| Front wheel material | PU |
| Battery capacity | 205Ah 210Ah (Lead Acid Battery) 240Ah (Lead Acid Battery) |
| Charger | 24V-100A External 24V-50AExternal 24V-30AExternal (Lead Acid battery) 24V-50AExternal (Lead Acid battery) |
| Battery display indicator (BDI) | Yueli hourmeter (with time) |
| Buzzer | Yes and not customized |
| Turtle speed | Yes and not customized |
| Telematics | Telematics |
| Castor wheels | Yes and not customized |
| Anti-static chain | Yes |
| Fork length | 1150/220 850/100/1300/1450/1600/1800/2000 /2200/2400 |
| Fork width | 540/685 600/725/790/840/940/1000/1050 /1100/1200 |
| Drive assembly | Yes and not customized |