

EPL185

1800kg

Electric Pallet Truck



- Industrial floating stabilizing wheels for maximum stability
- Small size (l2=400mm) and reduced weight (170kg)
- 48V-20Ah removable Li-ion battery with metal protection cover
- Fast charging through integrated charger
- Turtle button for operation in narrow spaces
- Available in different forks length and width and higher battery capacity



| Manufacturer | | | EP |
|----------------------------------|-------|------|-------------|
| Model designation | | | EPL185 |
| Drive | | | Electric |
| Load capacity | Q | kg | 1800 |
| Load center distance | c | mm | 600 |
| Service weight | | kg | 170 |
| Length to face of forks | l2 | mm | 400 |
| Overall width | b1/b2 | mm | 610/695 |
| Fork dimensions | s/e/l | mm | 55/150/1150 |
| Turning radius | Wa | mm | 1330 |
| Max. gradeability, laden/unladen | | % | 6/16 |
| Battery voltage/nominal capacity | | V/Ah | 48/20 |

FEATURE

■ Optimized structure, easy operation

The metal protective cover of the battery can be flipped open and closed.

This simple cover allows for better security and reduces the chance of the battery becoming unplugged accidentally.



■ Safe

The truck uses the second generation drive technology and brushless DC motor. There is no need to replace the carbon brush and the drive is more powerful.

Its max. Gradeability can reach 10% with the load of 1300kg.



■ New plug-in&out battery design

On-board charger with plug-in&out battery to satisfy different working condition.

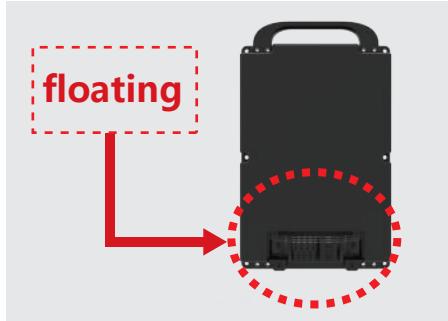
Fast charging can be optionally equipped with.

Li-ion battery developed by EP is equipped with CAN and BMS, which is more convenient to use.



■ Rigorous design and convenient maintenance

Floating battery cartridge to protect battery contact pins.

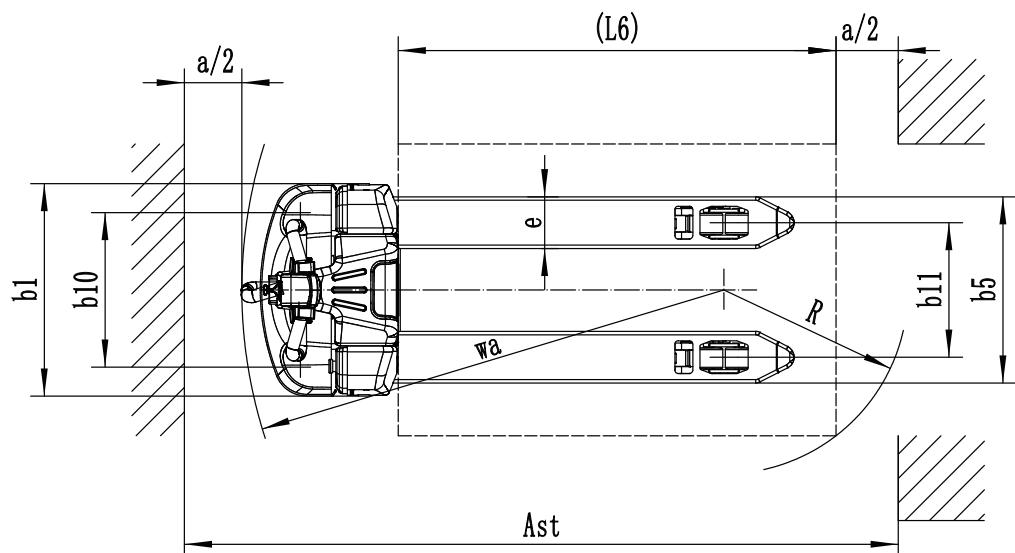
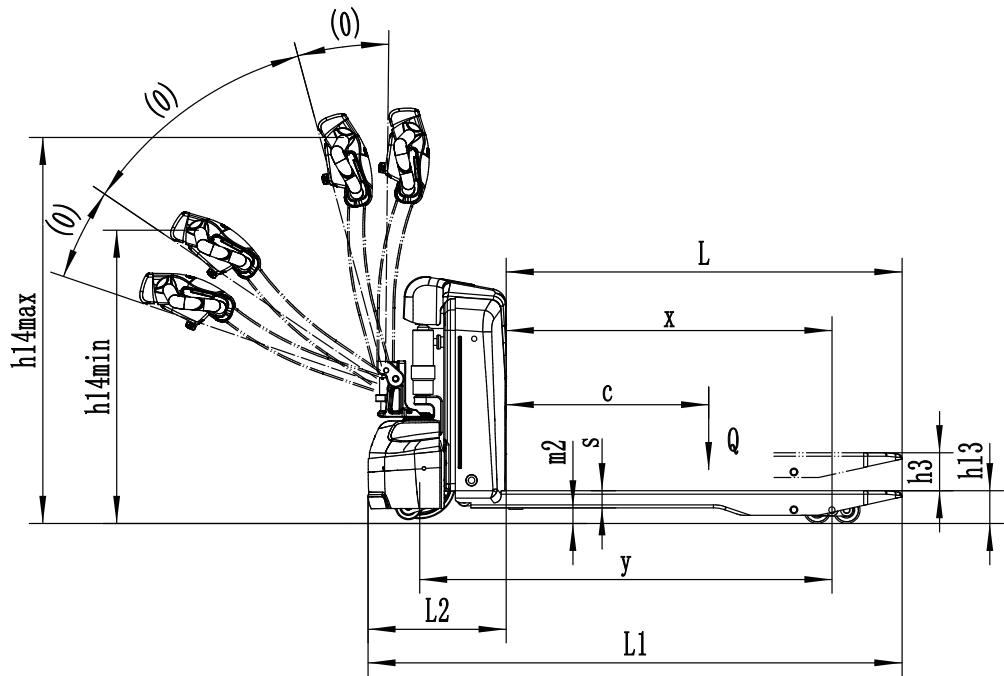


Electric Pallet Truck 1.8T

EPL185

| | | | | | |
|---------------------|--------|--|-------|-------|-------------------|
| Distinguishing mark | 1.1 | Manufacturer | | | EP |
| | 1.2 | Model designation | | | EPL185 |
| | 1.3 | Drive unit | | | Electric |
| | 1.4 | Operator type | | | Pedestrian |
| | 1.5 | Rated capacity | Q | kg | 1800 |
| | 1.6 | Load center distance | c | mm | 600 |
| | 1.8 | Load distance, centre of drive axle to fork | x | mm | 940 |
| | 1.9 | Wheelbase | y | mm | 1200 |
| | 2.1 | Service weight | | kg | 170 |
| | 2.2 | Axle loading, laden front/rear | | kg | 640/1330 |
| Service weight | 2.3 | Axle loading, unladen front/rear | | kg | 130/40 |
| | 3.1 | Tyre type | | | Polyurethane |
| | 3.2 | Tyre size, front | | mm | Φ210x70 |
| | 3.3 | Tyre size, rear | | mm | Φ80x60(Φ74x88) |
| | 3.4 | Additional wheels | | mm | Φ74x30 |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x, 2/4(1x, 2/2) |
| | 3.6 | Tread, front | b10 | mm | 450 |
| | 3.7 | Tread, rear | b11 | mm | 390/(535) |
| | 4.4 | Lift height | h3 | mm | 115 |
| | 4.9 | Height drawbar in driving position min./max. | h14 | mm | 650/1170 |
| Tyres/chassis | 4.15 | Lowered height | h13 | mm | 80 |
| | 4.19 | Overall length | l1 | mm | 1550 |
| | 4.20 | Length to face of forks | l2 | mm | 400 |
| | 4.21 | Overall width | b1/b2 | mm | 610(695) |
| | 4.22 | Fork dimensions | s/e/l | mm | 50x150x1150 |
| | 4.25 | Distance between fork-arms | b5 | mm | 540(685) |
| | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 30 |
| | 4.34.1 | Aisle width for pallets 1000x1200 crossways | Ast | mm | 2094 |
| | 4.34.2 | Aisle width for pallets 800x1200 crossways | Ast | mm | 2146 |
| | 4.35 | Turning radius | Wa | mm | 1330 |
| Dimensions | 5.1 | Travel speed, laden/unladen | | km/h | 5/5.5 |
| | 5.2 | Lifting speed, laden/unladen | | m/s | 0.020/0.025 |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.065/0.030 |
| | 5.8 | Max. gradeability, laden/unladen | | % | 6\16 |
| | 5.10 | Service brake | | | Electromagnetic |
| | 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 voltage/nominal capacity | | V/Ah | 48/20 (30 option) |
| | 6.5 | Battery weight | | kg | 14 |
| | 8.1 | Type of drive unit | | | DC |
| Electric-engine | 10.5 | Steering design | | | Mechanical |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 74 |
| Addition data | | | | | |

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option:

| No. | Optional items | EPL185 |
|------|------------------------------|---|
| 1.1 | Fork dimension | <ul style="list-style-type: none"> ● 540*1150 ○ 540*900、1000、1220、1300、1400、1500 ○ 685*900、1000、1150、1220、1300、1400、1500 |
| 1.3 | Fork lowered height | ● 80 |
| 1.5 | Load backrest height | <ul style="list-style-type: none"> ○ 1220mm (48in) ○ 1520mm (60in) |
| 1.6 | Drive cover ground clearance | ● 50mm |
| 2.1 | Load wheel type | <ul style="list-style-type: none"> ● Double ○ Single |
| 2.2 | Load wheel material | ● PU |
| 2.3 | Drive wheel material | ● PU |
| 2.7 | Battery capacity | ● 20Ah ○ 30Ah |
| 2.8 | Charger | <ul style="list-style-type: none"> ● 48V-10A integrated ○ 48V-10A external |
| 2.9 | Battery indicator | ● With hourmeter |
| 3.3 | Castor wheels | <ul style="list-style-type: none"> ● Yes and not customized ○ No |
| 3.16 | Vertical handle: Creep speed | <ul style="list-style-type: none"> ● Yes and not customized |

Note: ● Standard ○ Optional - Inconformity