



EPT16-ET/ EPT20-ET

Electric pallet truck 1.6/2.0t

48V super power, Ideal out-door solution, Longer run time

Mastering urban logistics

Designed to cope with complex environment



High Obstacle



Road Bumps



Narrow Space

EP EQUIPMENT CO.,LTD
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FEATURE

■ Light service weight, high rated capacity, not limited by floor type:

Minimum size vs 2.0ton capacity,with 1465mm turning radius.

■ High passability design:

EPT16-ET can easily drive through 100mm height barrier with patent roll-over load wheel and large drive wheel.

80mm lowered height and 140mm lifting height giving flexibility for pallet and application.

■ Easy disassembly handle design:

Pin through tiller style reduces shipping cost and installation time greatly.

■ DC brushless permanent magnet motor:

Life time maintenance free brushless permanent magnet motor.

■ Innovative frame design:

Distribute majority weight to bottom chassis by patent designed cylinder structure.

■ Shock absorb chassis design:

Special linkage design, minimize the driving difference between smooth ground and rough ground.

■ 48V electronic system:

48V electronic system increases efficiency and reliability.

■ Easy maintenance:

Electronic system and batteries can be completely exposed by pressing one-touch locker.

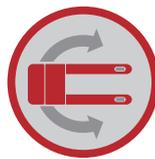
Drive wheel can be replaced by loosening one nut.

Retractable charging cord.



Rated Capacity up to

2000kg



Turning Radius

1465mm



Driving Wheels diameter×width

250×74mm



Lowered Height 80mm | Max Lifting Height 220mm



Optional Turnable load wheel to overcome obstacle 100mm
(Note: Only available for EPT16-ET)



Max. gradeability laden|unladen 8% | 16%

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| Distinguishing mark | | | | | |
|---------------------|---|---------------------------------|--------|--------------------------------------|-----------------|
| 1.1 | Manufacturer | | | EP | EP |
| 1.2 | Model designation | | | EPT16-ET (With roll-over load wheel) | EPT20-ET |
| 1.3 | Drive unit | | | Battery | Battery |
| 1.4 | Operator type | | | pedestrian | pedestrian |
| 1.5 | rated capacity | Q | kg | 1600 | 2000 |
| 1.6 | Load center distance | c | mm | 600 | 600 |
| 1.8 | Load distance | x | mm | 875/976 | 874/962 |
| 1.9 | Wheelbase | y | mm | 1249/1350 | 1248/1336 |
| Weight | | | | | |
| 2.1 | Service weight (include battery) | | kg | 215 | 220 |
| 2.2 | Axle loading, laden driving side/loading side | | kg | 629/1189 | 722/1498 |
| 2.3 | Axle loading, unladen driving side/loading side | | kg | 180/35 | 180/40 |
| Types, Chassis | | | | | |
| 3.1 | Tyre type driving wheels/loading wheels | | | Rubber/PU | PU/PU |
| 3.2 | Tyre size, driving wheels (diameter×width) | | mm | Φ250x74 | Φ250x74 |
| 3.3 | Tyre size, loading wheels (diameter×width) | | mm | 4xΦ80x40 | 4x Φ78x60 |
| 3.4 | Tyre size, caster wheels (diameter×width) | | mm | Φ74x48 | Φ74x48 |
| 3.5 | Wheels, number driving, caster/loading (x=drive wheels) | | mm | 1x 2/4 | 1x 2/4 |
| 3.6 | Track width, front, driving side | b ₁₀ | mm | 435 | 435 |
| 3.7 | Track width, rear, loading side | b ₁₁ | mm | 410 (535) | 410 (535) |
| Dimensions | | | | | |
| 4.4 | Lift height | h ₃ | mm | 140 | 140 |
| 4.9 | Height drawbar in driving position min./max. | h ₁₄ | mm | 750/1170 | 750/1170 |
| 4.15 | Lowered height | h ₁₃ | mm | 80 | 80 |
| 4.19 | Overall length | l ₁ | mm | 1685 | 1685 |
| 4.20 | Length to face of forks | l ₂ | mm | 535 | 535 |
| 4.21 | Overall width | b ₁ / b ₂ | mm | 560 (685) | 560 (685) |
| 4.22 | Fork dimensions | s/ e/ l | mm | 50/150/1150 | 50/150/1150 |
| 4.25 | Outside width of the forks | b ₅ | mm | 560 (685) | 560 (685) |
| 4.32 | Ground clearance, center of wheelbase | m ₂ | mm | 30 | 30 |
| 4.34.1 | Aisle width for pallets 1000 × 1200 crossways | A _{st} | mm | 1734 | 1734 |
| 4.34.2 | Aisle width for pallets 800 × 1200 lengthways | A _{st} | mm | 1934 | 1934 |
| 4.35 | Turning radius | W _a | mm | 1510 | 1496 |
| Performance data | | | | | |
| 5.1 | Travel speed, laden/ unladen | km/ h | km/h | 4/5.5 | 4/5.5 |
| 5.2 | Lifting speed, laden/ unladen | | m/ s | 0.018/0.037 | 0.018/0.037 |
| 5.3 | Lowering speed, laden/ unladen | | m/ s | 0.032/0.038 | 0.032/0.038 |
| 5.8 | Max. gradeability, laden/unladen | | % | 10/20 | 8/16 |
| 5.10 | Service brake type | | | Electromagnetic | Electromagnetic |
| Electric-engine | | | | | |
| 6.1 | Drive motor rating S2 60 min | | kW | 0.75 | 0.75 |
| 6.2 | Lift motor rating at S3 15% | | kW | 0.84 | 0.84 |
| 6.3 | The maximum allowed size battery | | mm | 255*170*200 | 255*170*200 |
| 6.4 | Battery voltage/nominal capacity K20 | | V/ Ah | 12*4/30 | 12*4/30 |
| 6.5 | Battery weight | | kg | 9.5*4 | 9.5*4 |
| Addition data | | | | | |
| 8.1 | Type of drive control | | | DC | DC |
| 10.5 | Steering type | | | Mechanical | Mechanical |
| 10.7 | Sound pressure level at the driver's ear | | dB (A) | 74 | 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 | type | EPT20-ET |
|--|------|-----------------------------------|
| Fork length | | ○800/915/1000/1070/1150/1220/1300 |
| Climbing wheel load 1.6 T | | ○ |
| Driving wheel | | ○Rubber wheel |
| Special backrest | | ○1220mm (48in) /1520mm (60in) |
| Note: Fork length < 1400, capacity 2.0T; Fork length ≥ 1400, capacity 1.6T | | |
| Note: ● standard ○ option — NA | | |

