



# EPT20-18EHJ

## Semi Electric Truck 1.8t

New Choice of Entry-level Electric Pallet Truck  
1800KG capacity ,light weight and compact size  
equivalent to hand pallet trucks.  
Offers various options for application solutions

EP EQUIPMENT CO.,LTD  
[www.ep-ep.com](http://www.ep-ep.com)

## FEATURE



### ■ Performance

The innovative PMM Permanent Magnet Motor technology provide reliable and energy saving solution

MOLEX/AMP connectors and durable electric wires greatly reduce malfunctions of components  
Auto "SLEEP" mode protect batteries.

### ■ Patented Design:

New Integrated Control Head Design  
Electrical layout patent.

### ■ Operation :

Ergonomically-designed tiller head helps increase efficiency.

Internal Charger for Easy Charging.

Adopt hand pallet truck lifting system, perfect for start-level operator.

### ■ Maintenance :

Assembly Components, Easy for Diagnosis and Replacing

Low voltage protection setting slow down travel speed when batteries hit charging level

Control system allows easy trouble-shooting

### ■ Safety :

Handy Emergency Disconnect Button & Driving Unit ensure safety under any situation.

Emergency reverse belly button protects the operator from getting hurt

Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp

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Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		EPT20-18EHJ
1.3	Drive unit		Electrical
1.4	Operator type		Walkie
1.5	rated capacity	Q	kg 1800
1.6	Load center distance	c	mm 600
1.8	Load distance	x	mm 883/946
1.9	Wheelbase	y	mm 1170/1233
Weight			
2.1	Service weight (include battery)		kg 145
2.2	Axle loading, laden driving side/loading side		kg 645/1300
2.3	Axle loading, unladen driving side/loading side		kg 115/30
Types,Chassis			
3.1	Tyre type driving wheels/loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ210×70
3.3	Tyre size, loading wheels (diameter×width)	mm	2x Φ80×60 (Φ74×88)
3.5	Wheels, number driving , caster/loading (x=drive wheels)	mm	1x /4
3.7	Track width,rear,loading side	b <sub>11</sub>	mm 410 (535)
Dimensions			
4.4	Lift height	h <sub>3</sub>	mm 115
4.9	Height drawbar in driving position min./max.	h <sub>14</sub>	mm 715/1280
4.15	Lowered height	h <sub>13</sub>	mm 85(75)
4.19	Overall length	l <sub>1</sub>	mm 1613
4.2	Length to face of forks	l <sub>2</sub>	mm 463
4.21	Overall width	b <sub>1</sub> / b <sub>2</sub>	mm 560(685)
4.22	Fork dimensions	s/ e/ l	mm 50/150/1150
4.25	Distance between fork-arms	b <sub>3</sub>	mm 560/685
4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm 35
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 1684
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 1884
4.35	Turning radius	Wa	mm 1430
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	km/h 2.5/3
5.2	Lifting speed, laden/ unladen	m/ s	10mm/time
5.3	Lowering speed, laden/ unladen	m/ s	Controlable
5.8	Max. gradeability, laden/unladen		2/6
5.1	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	0.65
6.2	Lift motor rating at S3 15%	kW	Manual Lifting
6.3	The maximum allowed size battery	mm	185/125/190
6.4	Battery voltage/nominal capacity K20		24/30
6.5	Battery weight	kg	9.5*2
Addition data			
8.1	Type of drive control		DC
10.5	Steering type		Mechanical
10.7	Sound pressure level at the driver's ear		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.

## Option

Options	EPT20-18EHJ
Fork length	● 800/915/1000/1070/1100/1300/1400mm
Fork width	● 520/600mm
Single load wheel	●
Fork lowered height	● 40mm (Capacity <=1000kg)
Driving wheel	PU wheel with Pattern
Scale	●

