



reddot design award

Some years ago, we designed machine **EPT20-15ET**, the machine create a new market. It helps powered pallet truck selling increased **2%**;



► Now We Designed Another New Model

## EPT12-EZ

- Smarter body
- More portable
- More easier operation

Trust it will push resolution from manual force to powered force more quickly.



**2,000,000 Units**  
Market of



**1%** Imagine 1% manual force shifting, how the market will be....

**2%** Imagine 2% manual force shifting, how the market will be....

**6%** Imagine What Will Happen???

Electric Lifting

Horn

Battery indicator

Ergonomics Design Handle, Smart



● **Smart size**, a 20 feet container standard machine can fit 144 units. Low transportation costs.



● **Handle**

Reversing Switch

Accelerator

Power Switch

Lowering Releasing Handle



Emergency Stop Button

High quality lithium battery, 24V20AH allows at least 4 hours continuous working.  
Easy change · Portable · Spare battery available

# Powered Electric Pallet Truck

Driving Electric · Lifting Electric

## EPT12-EZ

● **High Strengthen Fork**



The smallest turning radius among all pallet trucks in international, only **1350mm**

● **Driving Unit**

Modular assembly, easy maintenance, any failure only need to change one or two assembly instead of several spare parts. Even end user can do it easily, no requirements for door service. Save more than 70% service costs.



● **PU-Iron Wheel**



# Electric Pallet Truck 1.2t

## EPT12-EZ

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EPT12-EZ
1.3	Drive unit			Electrical
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1200
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	1020/950
1.9	Wheelbase	y	mm	1260/1190
Weight				
2.1	Service weight (include battery)		kg	120
2.2	Axle loading, laden driving side/loading side		kg	410/910
2.3	Axle loading, unladen driving side/loading side		kg	100/20
Types, Chassis				
3.1	Tyre type driving wheels/loading wheels			PU/PU
3.2	Tyre size, driving wheels (diameter*width)		mm	Φ130x55 (Φ210x70option)
3.3	Tyre size, loading wheels (diameter*width)		mm	2x Φ80x60 (Φ74x88)
3.4	Tyre size, caster wheels (diameter*width)		mm	/
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x /4 (1x /2)
3.6	Track width, front, driving side	b <sub>10</sub>	mm	/
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	750/1170
4.15	Lowered height	h <sub>13</sub>	mm	80
4.19	Overall length	l <sub>1</sub>	mm	1610/1540
4.20	Length to face of forks	l <sub>2</sub>	mm	390
4.21	Overall width	b <sub>1</sub> / b <sub>2</sub>	mm	560 (685)
4.22	Fork dimensions	s/ e/ l	mm	53/150/1150(1220)
4.25	Distance between fork-arms	b <sub>5</sub>	mm	560 (685)
4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	27
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1739
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	1939
4.35	Turning radius	Wa	mm	1350
Performance data				
5.1	Travel speed, laden/ unladen	km/ h	km/h	4/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.02/0.03
5.3	Lowering speed, laden/ unladen		m/ s	0.05/0.03
5.8	Max. gradeability, laden/unladen			4
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	0.45 (0.65option)
6.2	Lift motor rating at S3 15%		kW	0.5
6.3	The maximum allowed size battery		mm	170*85*215
6.4	Battery voltage/nominal capacity K20			24/20
6.5	Battery weight		kg	3x1
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

