



**MADLIFT**  
СКЛАДСКАЯ ТЕХНИКА



**EP**  
*Let's grow together*

# EPT12-EZ

## Electric Pallet Truck 1.2t

- Slightly difference on cost, completely different experience, from hand pallet truck to EZ truck!
- Standard Lithium Ion battery, life time maintenance free.
- CAN-BUS system simplify operation/maintenance level.

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



## FEATURE

- **Light service weight, decent capacity, suitable for anywhere a hand pallet truck could be used:**

120kg Ultra-light service weight, 1200kg high rated capacity, come and go freely in small working space with 1390mm turning radius.

- **CAN-BUS system:**

CAN-BUS system simplifies operation/maintenance level, improves system reliability.

- **Patented integrated design:**

Innovative designed sealed hydraulic unit, low noise, easy maintenance.

- **Patented non-contact limit switch design:**

New patented non-contact limit switch design, improves the reliability.

- **Safety:**

Convenient emergency stop switch, strong driving wheel cover, solid battery clip, ensure safety and reliability.

- **Battery:**

5.8kg battery replacement, optional standby battery extend run time.

- **Patented handle design:**

New design of integral handle head, easy to access all control buttons.

- **Patented frame design:**

New frame design, light service weight, high strength.

- **Patented key switch design:**

New patented key switch design, integrated with u-disk function.

- **Easy maintenance:**

Maintenance free truck design for end users to trouble shooting and replace failure part by simple instruction, free labor cost.

SMART panel reflect operation and trouble shooting status.



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## EPT12-EZ

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EPT12-EZ PRO
1.3	Power unit			Battery
1.4	Operator type			Pedestrian
1.5	Load capacity	Q	kg	1200
1.6	Load centre	c	mm	600
1.8	Axle centre to fork face	x	mm	950(880)
1.9	Wheelbase	y	mm	1190(1120)
Weights				
2.1	Service weight (include battery)		kg	130
2.2	Axle loading with load, driving side/loading side		kg	420/910
2.3	Axle loading without load, driving side/loading side		kg	110/20
wheels/tyres				
3.1	Tyre type driving wheels/loading wheels			PU/PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ210x70
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ80x60( Φ74x88)
3.5	Wheels, number driving/loading (x=drive wheels)		mm	1x/4(1x/2)
Dimensions				
4.4	Lift height	h <sub>3</sub>	mm	115
4.9	Height of tiller arm in driving position, min./max.	h <sub>14</sub>	mm	750/1190
4.15	fork height, lowered	h <sub>13</sub>	mm	80
4.19	Overall length	l <sub>1</sub>	mm	1540
4.20	Length to fork face	l <sub>2</sub>	mm	390
4.21	Overall width	b <sub>1</sub>	mm	560(685)
4.22	Fork dimensions	s×e×l	mm	53x150x1150
4.25	Outside width of the forks	b <sub>5</sub>	mm	560(685)
4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	27
4.33	Aisle width for pallets 1000 × 1200 crossways	A <sub>st</sub>	mm	1640
4.34	Aisle width for pallets 800 × 1200 lengthways	A <sub>st</sub>	mm	1840
4.35	Turning radius	W <sub>a</sub>	mm	1390
Performance				
5.1	Travel speed, with/ without load		km/h	4/4.5
5.2	Lifting speed, with/ without load		m/ s	0.02/0.025
5.3	Lowering speed, with/ without load		m/ s	0.09/0.05
5.8	Max. gradeability, with/ without load		%	4/10
5.10	service brake			electric
Drive				
6.1	Drive motor rating 60 min		kW	0.65
6.2	Lift motor rating at 15%		kW	0.5
6.3	Battery Type			Li-ion
6.4	Battery voltage/rated capacity(5h)		V/Ah	24/20
6.5	Battery weight		kg	5.8
6.6	power consumption according to VDI cycle		KWh/h	0.25
	Charger			24V10A
	Optional battery pack capacity			24V 26Ah
others				
8.1	Type of drive control			DC
8.4	Noise at the driver's ear			<74
	Application			GENERAL

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

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