

# LITHIUM PALLET TRUCK

**EPT12H/EPT15H/PPT15H-L**

**24** HOURS  
BUILT TO WORK

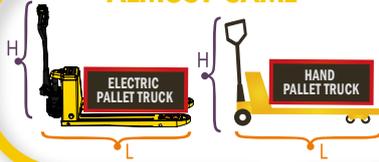


# SMART POWERFUL DURABLE

BUILT TO WORK  
**24**  
HOURS

## SMART SIZE

ALMOST SAME



## LIGHT WEIGHT



## EFFICIENCY

3 Times Higher Than Manual Pallet Truck



## EASY MAINTENANCE

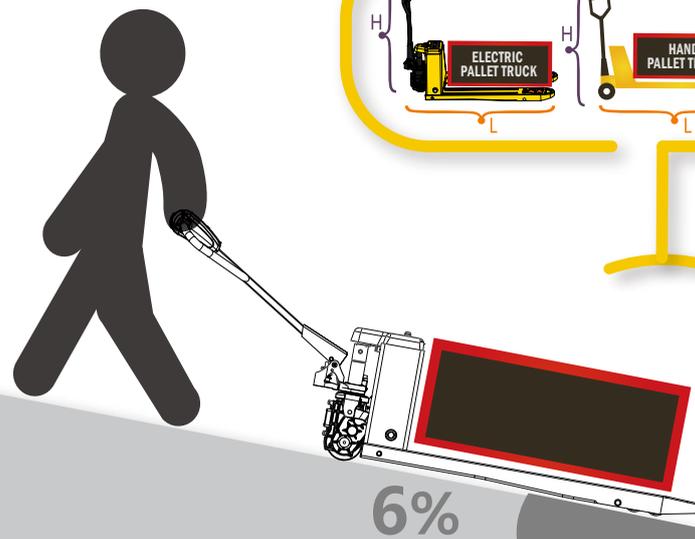


## LIFETIME

3 Times Longer Than Manual Pallet Truck



1 PC VS 3 PCS



HIGH RETURN OF INVESTMENT

**Safety**

**PRODUCTIVE**

1 MONTH COST RECOVERY

Optimize your operations  
**SAVE LABOUR**  
Brake any time anywhere

Release manpower

# Powerful With High Gradeability



## Unique brushless technology

Brushless motor, powerful and maintenance free.  
Leading in the industry.



**750W/1000W power**  
**Brushless motor**  
**Maintenance free**



**Powered traveling**



**Powered lifting & lowering**

## Maintenance free

For brushed motor, carbon brush needs to be replaced every 12 or 18 months.  
For EPT15H, no need to replace carbon brush.  
Maintenance-free, saving maintenance time and cost.

## Powerful with high gradeability

To easily move 1.2 ton or 1.5 ton over the slopes at warehouse entrances.



**Traveling speed**

— **UNLADEN** 4.5km/h  
+ **LADEN** 4km/h



**Gradeability**



# Non-stop Working

## 6s to replace battery

Maintenance-free lithium battery  
It takes only 6s to replace battery.  
With a spare battery, the unit can keep working 24 hours.

## Ensured battery safety

Safe and reliable, no fire, no explosion.  
Complying with IEC, UL global standard certification requirements, ensuring the safety of user property.

- Long service life: lithium battery with a long service life.
- High safety performance: it adopts soft package battery technology, built-in protection board and multiple protection to eliminate overcharge and overdischarge.
- Maintenance free: no need to add water.

## Compact and durable

### Solid build, no breaking

Chassis made by solid materials, no bending, no deformation.  
Reinforced rocker arm, push rod, wheel frame and support seat.  
No plastic part, less damage.

### Most compact unit with same lifting capacity

Suitable for small workplaces such as compact workshops, trucks or vans, tail lifts or elevators.  
EPT15H has the smallest turning radius among similar products.

### Integral forks, no splicing

The forks are uniquely designed, easy to handle European pallets, American pallets and plastic pallets.  
Solid fork with no deformation, far more durable than other brands of the same category.

## Short charging time Charge and use freely

Quick charging: 2 hours to fully charge the battery.



**Fork thickness**  
4mm



**Solid build  
No breaking**

**Top cap thickness**  
6mm

**V-block thickness**  
5mm

# Intelligent Control

When you're moving heavy loads in tight spaces, maneuverability and controllability are critical to ensure safety, productivity and comfort.

The core concept is to make your job easier. With the ergonomically designed handle, EPT15H is easy to operate, reduces fatigue and improves work efficiency.

Compared to other brands, users prefer to use EPT series.

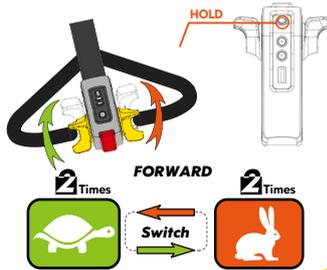


## Operator Preferred

### Turtle Speed

01

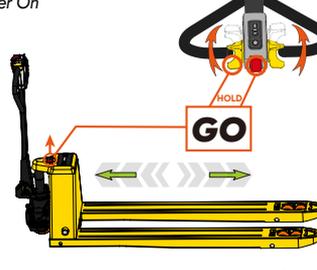
Horn Remains Pressed & Forward 2 times



### Up-Right Drive

02

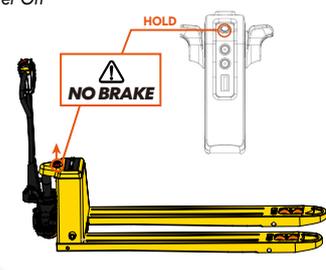
Reverse Button & Forward Throttle Remain Pressed Power On



### Engineering Mode (Brake Release)

03

Horn Remains Pressed Power On



⚠ In up-right drive mode, vehicle will move when handle is operated at any position. Please avoid misoperation.

⚠ Brake release mode is only for emergencies, not allowed for vehicle with normal conditions.

### Comfortable Operation

Easy to operate  
Ergonomic handle, comfortable to use.

### Leading Technology

CanBus technology is applied on this entry-level electric pallet truck.

### Fast And Slow Speed

To match different levels of operator experience, and varied work environments.

### Up-right Drive Mode

Convenient to operate in vans, on tail lifts, or inside elevators.

### Engineering Mode

When the unit breaks down, it can be moved away manually.



- Recharge alert
- Hour meter
- Powered traveling
- Powered lifting & lowering
- Error code display
- Emergency stop button
- Horn

### Slope anti-sliding design

Easy parking on slopes, preventing accidental backing of the machine.

# Easy Maintenance

EPT series utilizes integrated diagnostics, error code display and service mini-program to facilitate quick problem resolution.

## Easy parts replacement

The unique design makes disassembly and assembly simple, reducing machine downtime and operating costs.

- **1 minute**  
Replace the drive wheel
- **1 minute**  
Replace the handle
- **2 minutes**  
Remove the controller
- **3 minutes**  
Remove the motor



### Error Code Display

Quickly identify the fault during operation.



### Specialized service website & mini-program

Users can identify the fault based on the online troubleshooting videos. No limit on time, no limit on location. Easy access to the most professional solution to all possible truck failures.



### Professional after-sales support

Specialist guidance is a phone call away.

## Ready to Handle Multiple Jobs

With its unique design, EPT series is powerful and maneuverable to meet the application in a wide range of working conditions.



Warehouses/Logistics center



Truck tail lift



Supermarket

Pallet trucks are a necessary investment. Choosing the wrong machine could cause loss in productivity, high cost of machine downtime, unhappy workers, and overall, increased running costs. Choosing EPT series will reward you with long-term value.

## EPT Series

- **Powerful**
- **Durable**
- **Easy maintenance**
- **Low use cost**
- **High return on investment**

# Basic Configuration

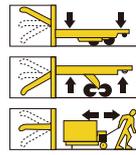
- Horn
- Emergency reverse button
- Forward/reverse butterfly switch
- Lifting / Lowering

### LCD Screen

- Battery indicator with hour meter
- Error code display
- Recharge alert



Multi-function Handle  
(Full Electric)



Multi-function Ergonomic Handle  
(Semi-electric)



Tandem/Single PU wheel



EPT12/15H



Lithium Battery



Protection cover  
Protect the drive motor,  
Anti-foot stamping



Intelligent charger



Electric lifting/lowering



Manual lifting/lowering

# Optional Configuration

- Key button
- Upright driving button
- Max speed setting button
- Horn button



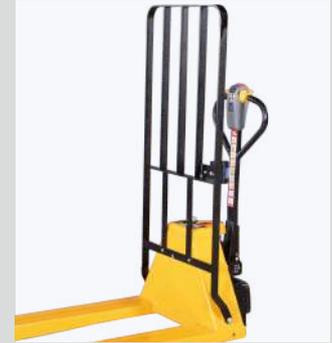
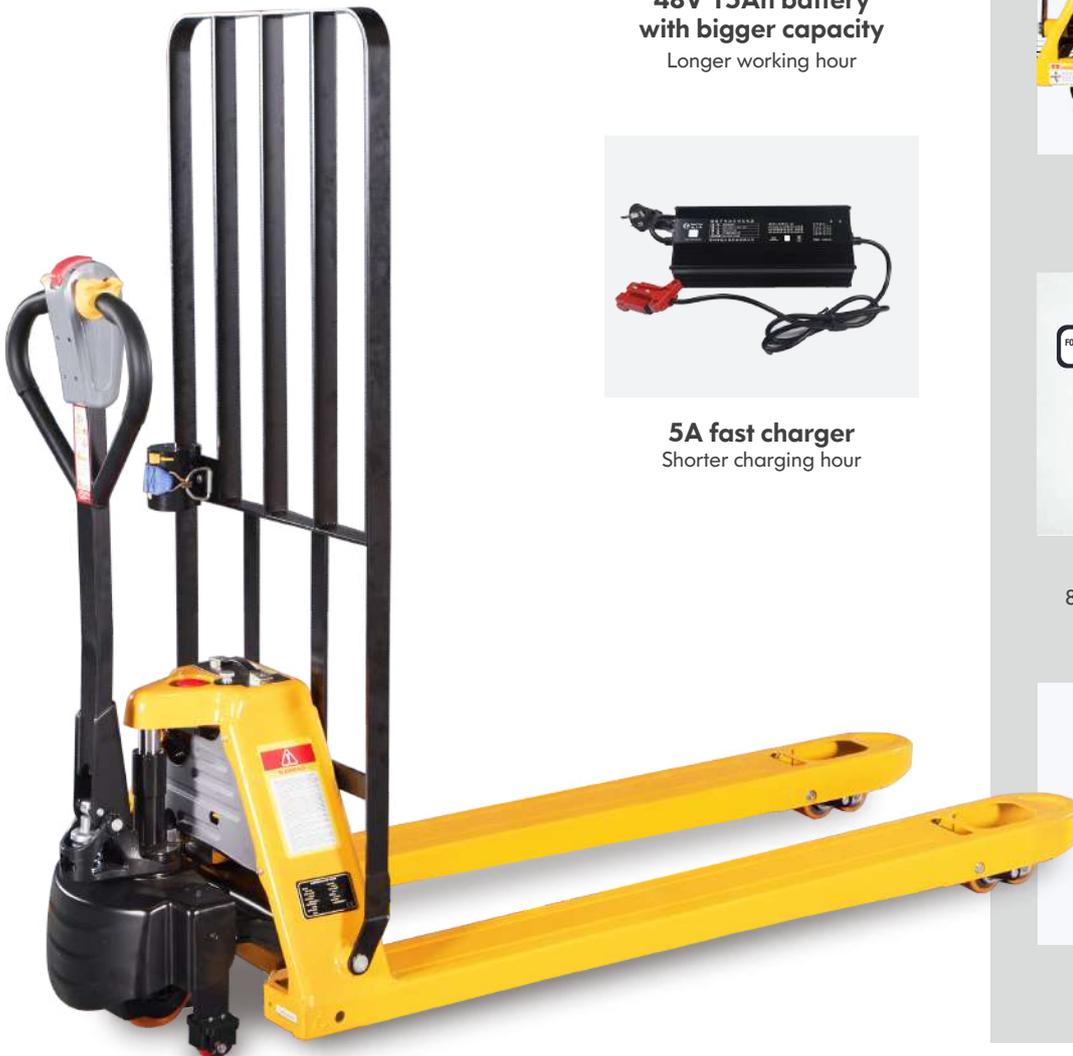
**Intelligent Control Key**



**48V 15Ah battery with bigger capacity**  
Longer working hour



**5A fast charger**  
Shorter charging hour



### Load backrest

When goods are stacked high, the load backrest can prevent it from falling, ensuring user safety.



### Balance wheel

Available on EPT15H

FORK LENGTH (mm) 800/900/1150/1220/1300 /1500/1800/2000



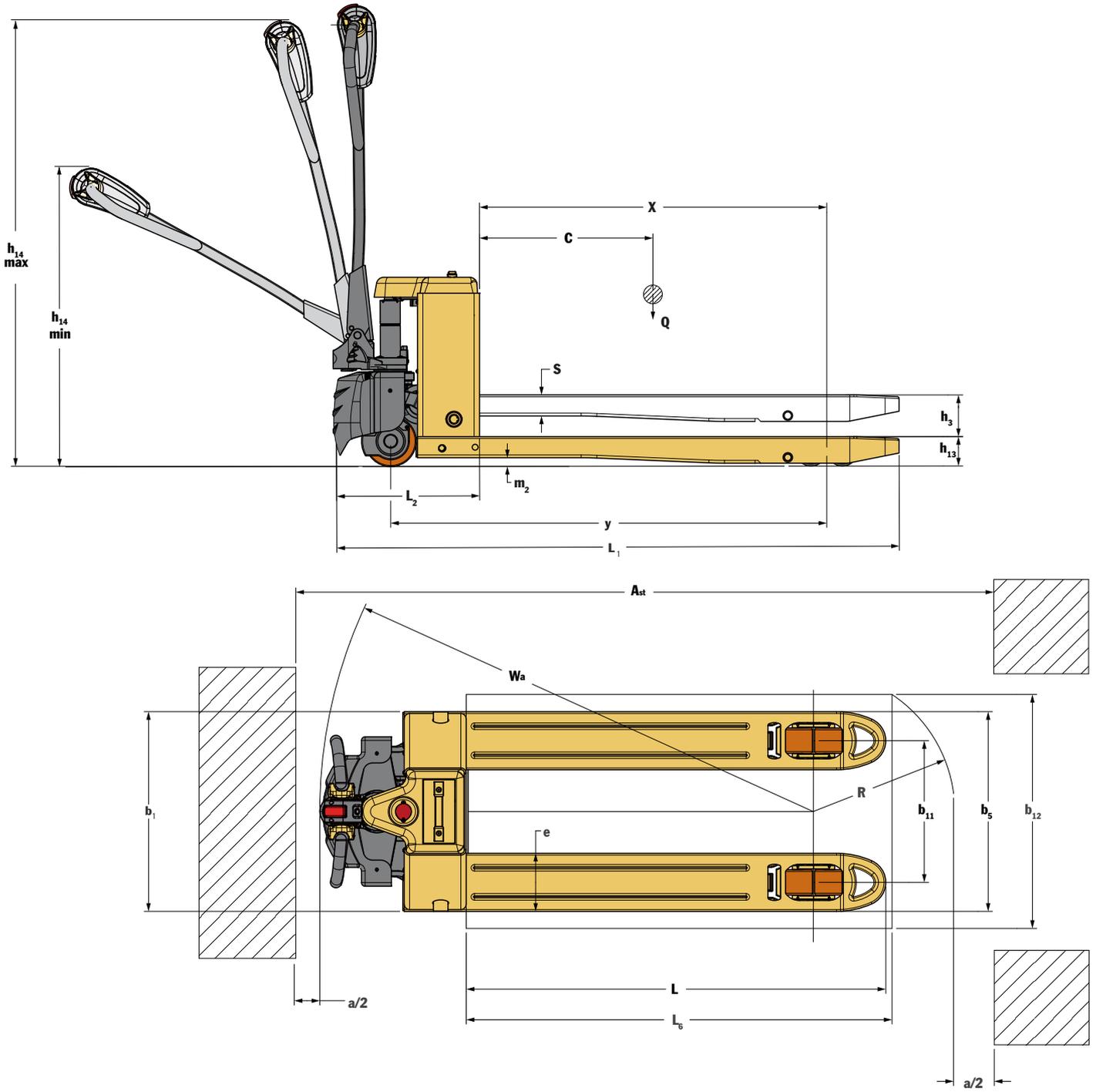
### Fork length

800/900/1150/1220/1300 /1500/1800/2000mm  
fork length options



**Wrapping film holder**

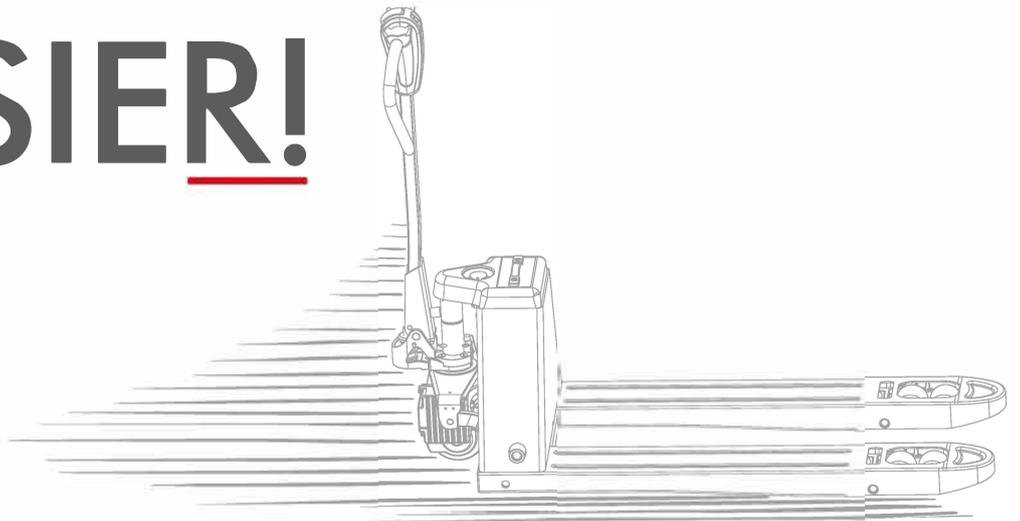
# Dimensions



# Specifications

MODEL		PPT15H-1300L	PPT15H-1500L	EPT15H-1300L	EPT15H-1500L	EPT15H-1800L	EPT12H-2000L
<b>CHARACTERISTICS</b>							
1.1	Drive		Electric		Electric		
1.2	Operator type		Pedestrian		Pedestrian		
1.3	Load capacity/rated load	Q kg	1500	1500	1500	1500	1200
1.4	Load centre	C mm	600	600	600	600	900
1.5	Height, fork lowered	h <sub>13</sub> mm	82 ± 2	82 ± 2	82 ± 2	82 ± 2	82 ± 2
1.6	Wheelbase	y mm	1347	1547	1347	1547	2047
1.7	Wheel		PU		PU		
1.8	Wheel size, front	mm	140*55		140*55		
1.9	Wheel size, rear (Single Wheel)	mm	80*93		80*93		
	Wheel size, rear (Tandem)	mm	80*70		80*70		
1.10	Wheels, number front/rear (x = drive wheels)		1x+2/4		1x+2/4		
1.11	Lift	h <sub>3</sub> mm	115		115		
1.12	Height of tiller in drive position, min./max.	h <sub>14</sub> mm	740/1300		740/1300		
1.13	Overall length	L <sub>1</sub> mm	1716	1916	1716	1916	2216
1.14	Fork Length	L mm	1300	1500	1300	1500	2000
1.15	Overall width	b <sub>1</sub> mm	550/685	550/685	550/685	550/685	550/685
1.16	Fork dimensions	mm	58/160/1300	58/160/1500	58/160/1300	58/160/1500	58/160/2000
1.17	Distance between fork-arms	b <sub>5</sub> mm	550/685	550/685	550/685	550/685	550/685
1.18	Ground clearance, centre of wheelbase	m <sub>2</sub> mm	22/137(24/139)	22/137(24/139)	22/137(24/139)	22/137(24/139)	22/137(24/139)
1.19	Aisle width for pallets 1000x1200 crossways	A <sub>st</sub> mm	2327	2327	2408	2607	2899
1.20	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub> mm	2408	2607	2408	2607	3101
1.21	Turning radius	W <sub>a</sub> mm	1504	1703	1504	1703	2197
<b>PERFORMANCE</b>							
2.1	Travel speed, laden/unladen	km/h	4.0/4.5		4.0/4.5		
2.2	Lifting speed, laden/unladen	mm/s	/		18/23		
2.3	Lowering speed, laden/unladen	mm/s	/		56/46		
2.4	Max. gradeability, laden/unladen	%	6%/20%		6%/20%		
2.5	Drive motor	kW	DC 0.75 Brushless		DC 0.75 Brushless	DC 1.0 Brushless	
2.6	Lift motor	kW	Hydraulic		DC 0.8		
<b>BATTERY</b>							
3.1	Battery voltage/nominal capacity	V/Ah	48V/10Ah(48V/15Ah)		48V/10Ah(48V/15Ah)		
3.2	Traveling brake		Regenerate		Regenerate		
3.3	Brake		Electromagnetic		Electromagnetic		
3.4	Sound level at the driver's ear according to EN 12053	A	< 70dB		< 70dB		
3.5	Service weight including battery	kg	128/134	139/145	128/134	140/146	156/162

# **| MAKE** **YOUR JOB** **EASIER!**



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