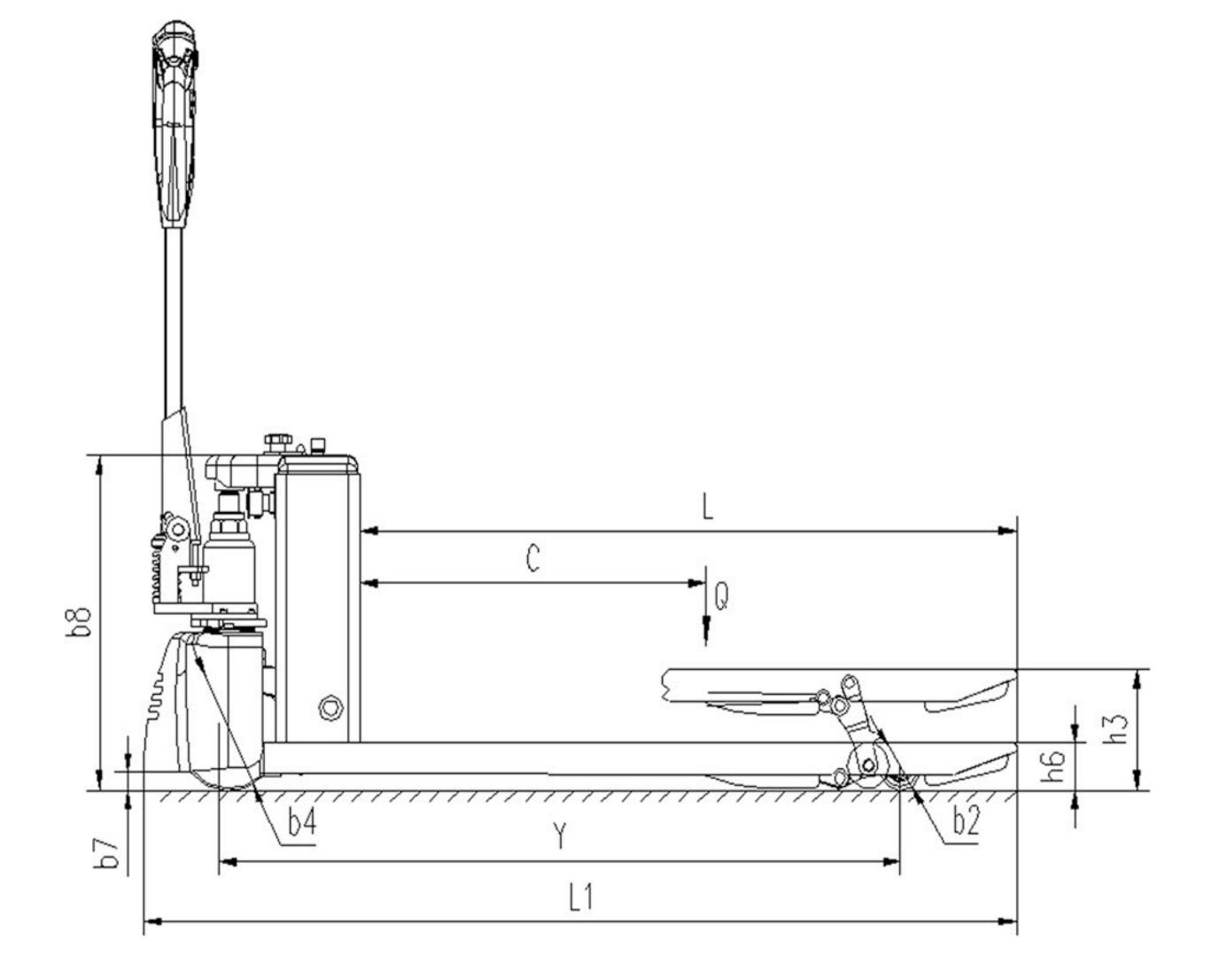
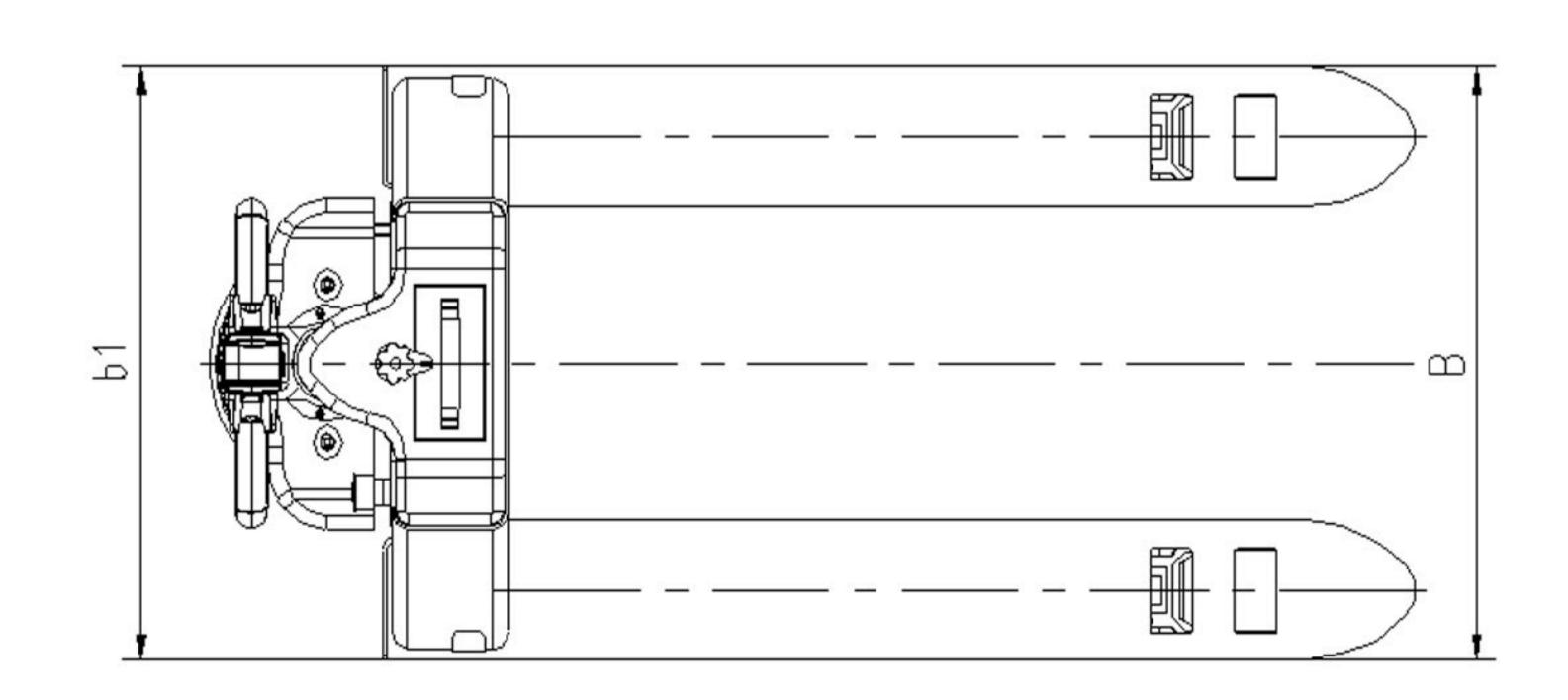
Manufacturer			SINOLIFT	SINOLIFT
Model			EPT20E	EPT20ES (with scale)
Type			Full Electric	Full Electric
Power unit			Li-ion Battery	Li-ion Battery
Operating type			Pedestrian	Pedestrian
Load capacity	Q	kg	2000	2000
Load center	С	mm	600	600
Axle centre to fork face		mm	950	950
Wheelbase	Υ	mm	1200/1270	1200/1270
Weight				<u>I</u>
Service weight (with battery)		kg	135	148
Tyres,Chassis				
Wheel material			PU/PU	PU/PU
Tyre size, loading wheels	b2	mm	Ф80Х70	Ф80Х70
Tyre size, driving wheels	b4	mm	Ф190Х70	Ф190Х70
Number of wheels driving, caster/ loading (x=driving)		psc	1x, 0/4	1x, 0/4
Dimensions			•	
Max.Lifting height	h3	mm	190	190
Height of tiller arm in driving position, Min./Max.		mm	650/1200	650/1200
Lowered height	h6	mm	75/85	75/85
Frame height	b8	mm	530	530
Overall length	L1	mm	1540/1610	1540/1610
Length to fork face		mm	390	390
Overall width	b1	mm	560(680)	560(680)
Fork dimensions		mm	50x160x1150(1220)	50x160x1150(1220)
Distance between fork arms	В	mm	560(680)	560(680)
Ground clearance, center of wheelbase	b7	mm	30	30
Aisle width for pallets 1000 x 1200 crossways	Ast	mm	1500	1500
Aisle width for pallets 800 x1200 lengthways	Ast	mm	1700	1700
Turning radius	Wa	mm	1330/1400	1330/1400
Performance				
Travel speed, laden/unladen		km/h	4.5	4.5
Lifting speed, laden/unladen		mm/s	22/17	22/17
Lowering speed, laden/unladen		mm/s	26/30	26/30
Max. gradeability, laden/unladen		%	6/10	6/10
Service brake			Electromagnetic	Electromagnetic
Electric-engine			iooti oiiiagiiotio	iouioiiiagiiouo
Driving motor rating S2 60 min		kw	0.8	0.8
Lifting motor rating S3 15%		kw	0.5	0.5
Battery type		A.S.Y.Y	Li-ion	Li-ion
Battery voltage/nominal capacity K20		V/Ah	48V/15Ah	48V/15Ah
Charger		V//AII	48V/6A	48V/6A
Others	6	V// \	10 V/O/ \	
Driving controller		- iv	DC	DC
Steering type			Mechanical	Mechanical
Noise at the driver's ears		dB(A)	<74	<74
INDISE AL LITE UTIVET S EATS		uD(A)	~/4	\ \ \ \ \ \

<sup>1.</sup> The parameters in the table are of the standard model. For more infomation, please contact us.





Spercial size of width and length can be made according to customer's requirement, All specifications and figures are subject to change withou notice for improvement.



# EPT20E & EPT20ES

LITHIUM BATTERY OPERATED PALLET TRUCK ISO9001



## SHANGHAI SINOLIFT MECHANICAL AND ELECTRICAL EQUIPMENT CO., LTD.

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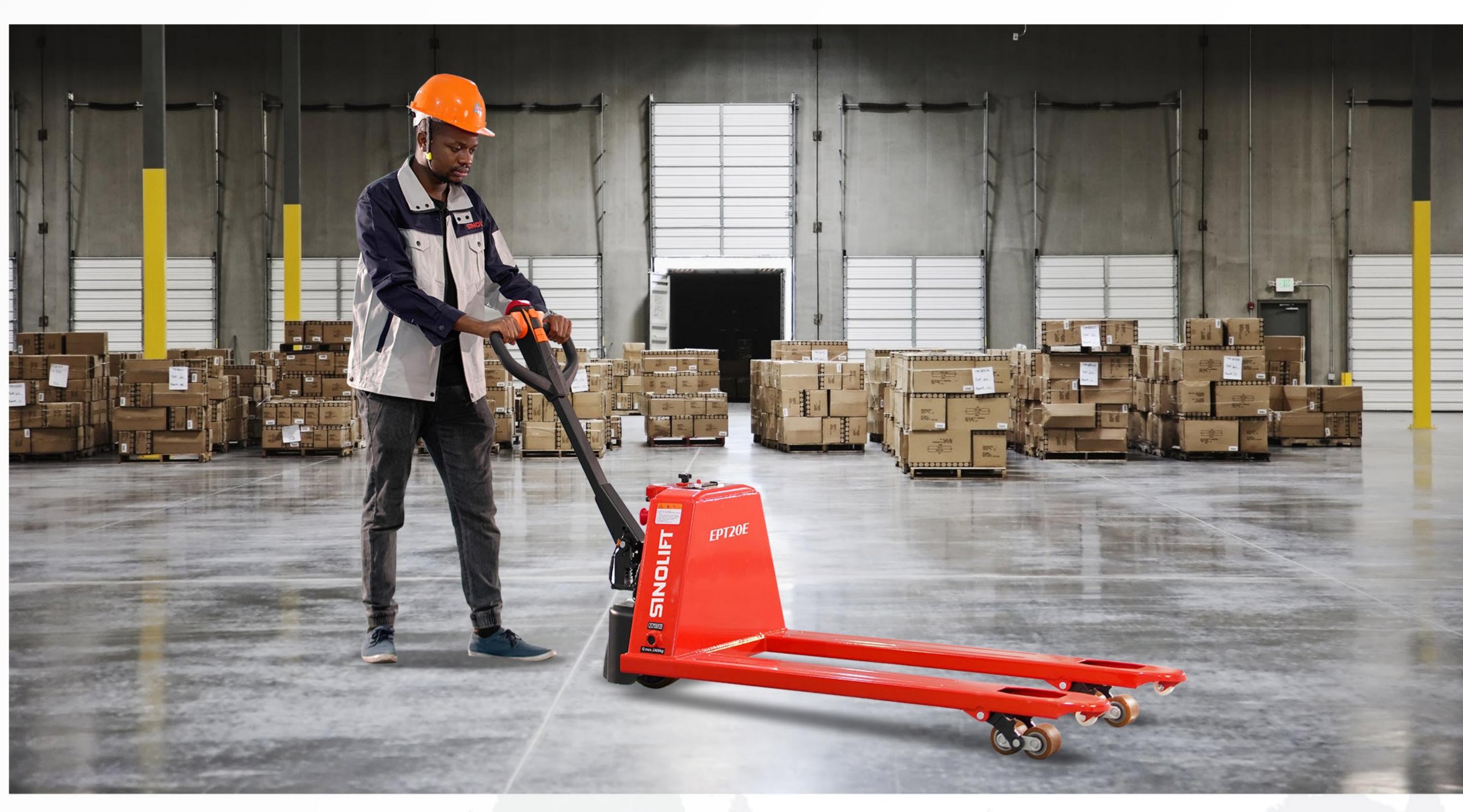
Whatsapp & Mobile: 0086 138 1757 2420



Safety Reverse

(Push to move in an





### Safety

The pallet jack includes release braking, reverse braking, and emergency braking to ensure safe driving.

The pallet jack also features an anti-rollback function to ensure safe operation. The emergency reverse button on the handle can effectively

prevent the driver from being injured if the pallet jack moves forward in an emergency situation. The electronic lifting limit and mechanical limit switches

prevent an impact caused by lifting goods to the top of the lifting range. This protects both the motor and the goods from being damaged.

### Comfortable

High degree of availability thanks to extremely short charging times. Reduced support wheel wear when approaching ramps at an angle thanks to level equalization.

Easy access to all components due to the open design of driving and brake system.

Tiller arm optimally adapted to the ergonomic needs of the operator. Clear color coding and buttons with wearresistant icons ensure intuitive operation.

### Serviceability

The lithium battery can be charged quickly and replaced easily. The novelty-designed handle has key switches that can be replaced separately.

The power display allows users to see when the battery needs to be charged.

The maintenance hatch hood opens very easily to expose all components and facilitate easy maintenance of the pallet jack. All of the spindles are equipped with self-lubricated sleeves and oil cups to promote a long service life.

## Advantages of Lithium-ion technology in the EPT20E

### High performance in a compact design

The high energy density of the installed lithium-ion battery provides great travel performance and long operating periods of up to 3.5 hours. At the same time, the EPT20E is very compact and has a low service weight, which means it consumes up to 30 % less energy than vehicles with lead-acid batteries.

### Fast charging + Top-up charging

Up to 5% of battery capacity can be recharged in just 10 minutes. Top-up charging can be used between full charges without affecting the service life of the battery. The battery can be recharged with any 230-V socket. A completely discharged battery (20%) is fully charged in about 3.5 hours.

### Double service life + Maintenance-free battery

The lithium-ion battery has approximately twice the service life of a conventional lead-acid battery. In addition, no maintenance work is required, such as checking the water level around the Lithium-ion battery. No costs are incurred for adapting the existing charging infrastructure (e.g. ventilation).



### **Duty Cycle**

Revolutionary easy exchange HD battery delivers up to 3.5 Hours of operation and can be full charged within

Optional extra batteries can be purchased to extend run time or to serve as a reliable black-up.

### High efficient

full electric control,traveling,lifting,lowering

### QUICK CHARGING, LONG WORKING TIME;



Remaining capacity of lithium-ion battery is 70% after 1200 cycles, and warranty period of the battery is 3 years or 6000 hours.

Power loss of the battery is extremely low when the power is OFF, and the standby state can last for a year with no reduction of battery service life.



The EPT20E is the perfect entry model for light electric pallet truck applications. Capacity of the truck is 2000 kg and it is equipped with Li-ion technology for energy efficiency. It combines the features of a powered pallet truck with the flexibility of a hand pallet truck.

### Why Lithium-Ion Battery?

- Average 3 hours operation
- Fully charged in 2 2.5 hours on average
- Boost charging supported, chargeable anytime
- Constant battery capacity not affected by frequent charging

#### Productive

- Higher power than lead batteries
- Excellent acceleration

#### Convenient

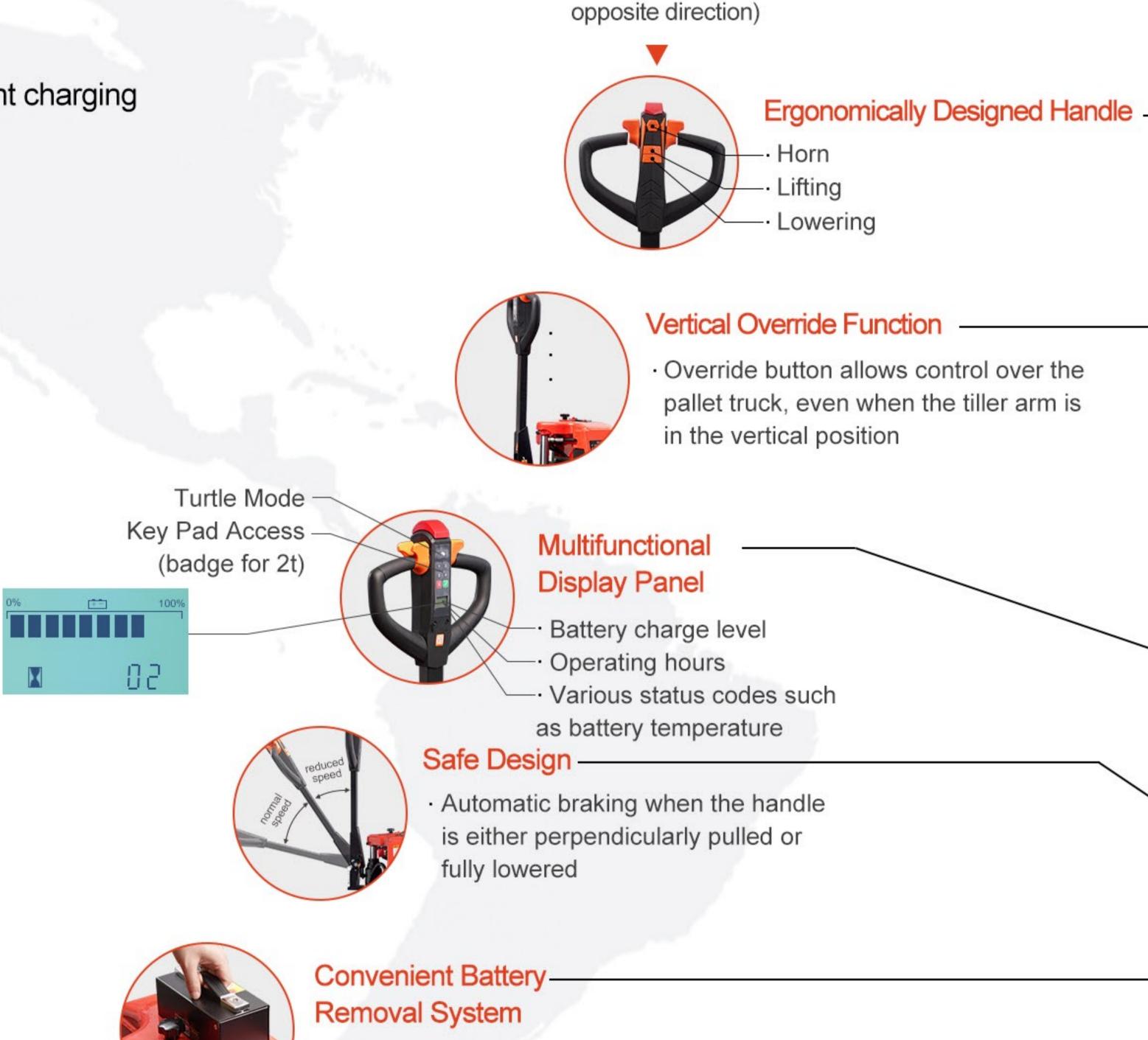
- Smart Li-ion Battery ;
- Easily exchangeable Li-ion battery
- 48V15Ah 6.60kg

### **High Quality**

All-time monitoring on battery conditions; diagnosis to prevent overheating, overcharge, overdischarge, etc.

### **Environment**

- No sulphur dioxide produced during charging and operation
- Contains no hazardous substances such as heavy metal



48V/15Ah (48V/20Ah option)

Multi Battery Charging System

Charging battery after removal battery









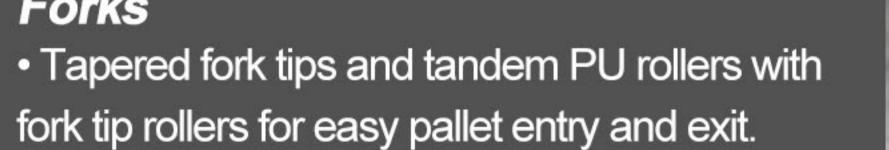
DC pump and chrome plated cylinder provide

for smooth and efficient lifting.



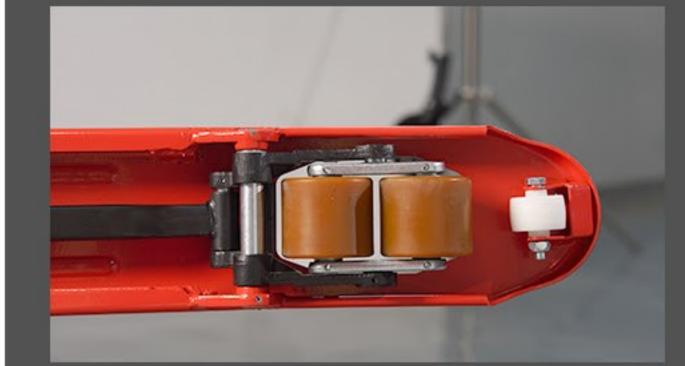


### Laser cutting, high strength, easier entrance/exit design for pallet, also for



ends offers easy pallet entry.

Reinforced chassis and forks with tapered



### Load Rollers

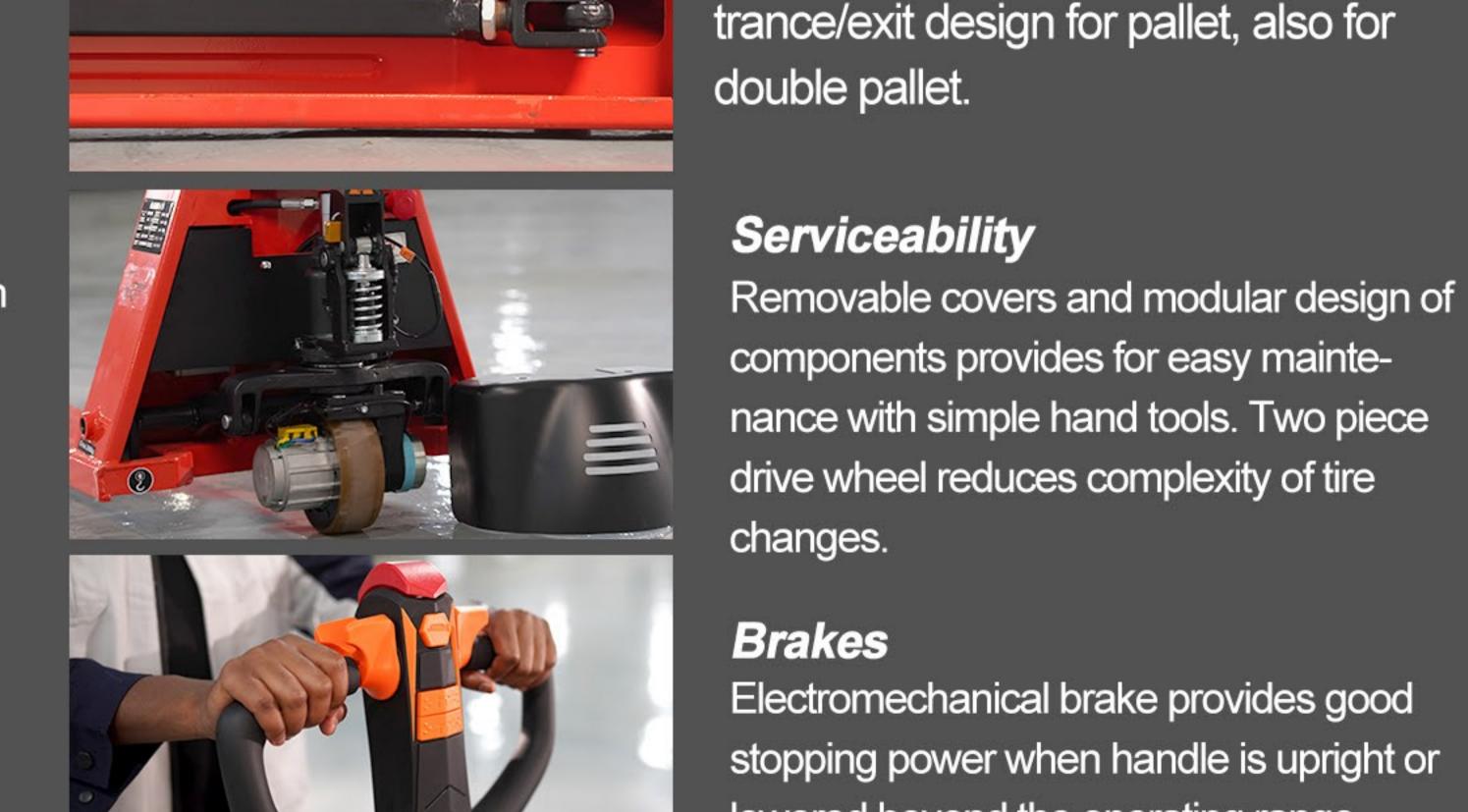
Hydraulics

**Forks** 

High performance Polyurethane load rollers, for queit running and better grip. Single load rollers are option.



Maintenance free brushless (DC) wheel hub motor with no wearable components like carbon brushes or contactors to replace over time offer long-asting operation and low mainte-



# Brakes

changes.

Electromechanical brake provides good stopping power when handle is upright or lowered beyond the operating range.

nance with simple hand tools. Two piece

drive wheel reduces complexity of tire

### Battery

 48V/15Ah rechargeable lithium ion battery revolutionary easy exchange HD battery delivers up to 3.5 hours of operation and can be fully charged within 2 hours.

 Optional extra batteries can be purchased to extend runime or to serve as a reliable back-up.

