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A Series Pallet Truck

with capacity of 4,000 to 6,000kg

LI-ION
TECHNOLOGY

INNOVATIVE LITHIUM-ION



The World of Hangcha



Li-Ion POWERED



HANGCHA provides Li-ion battery (LiFePO₄) with 6 years or 12000 hours warranty.

**6 YEARS
WARRANTY**

INNOVATIVE SOLUTIONS NEW POWER NOW

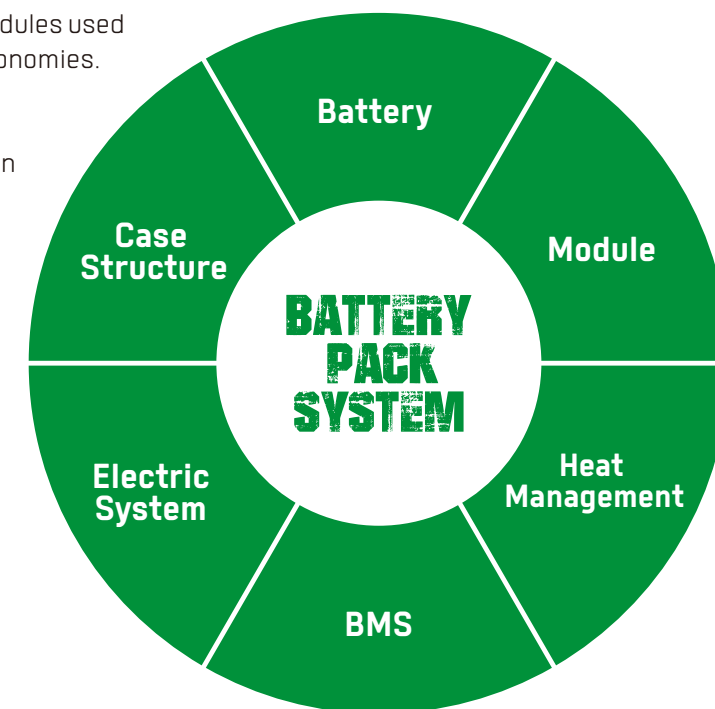
Innovative, reliable lithium-ion technology (Lithium Iron-Phosphate), which are developed jointly by HANGCHA and CATL. Battery cells and modules are from CATL, with reliable quality, exclusively for HANGCHA.

- / We use square lithium iron phosphate batteries and modules used in large quantities by commercial vehicles in mature economies.
- / Safe and effective: Charging efficiency as high as 95%.
- / Quick charging.
- / Long-working: 4000 charging cycles, capacity retention greater than 80%.
- / Maintenance-free: Battery does not require manual maintenance.
- / Green and clean: Pollution-free, zero emissions.



Rapid charging and opportunity charging ensure continuous availability of vehicles

Allow for fast full charging or boost charging. They are maintenance free and do not require a battery change when used for multi-shift operations.



A SERIES LITHIUM BATTERY PALLET TRUCK

The A series lithium battery 4-6t pallet truck can be used for handling large and heavy cargoes in mold factories, motor factories, PV and other industries. The compact size and strong bearing capacity allow it to handle heavy cargoes in narrow passages.

Exterior

A large number of steel plate stamping and molding processes are used to enable a robust and durable product.

The series A pallet stacker adopts a professional industrial design of exterior. The vehicle has a smooth vivid profile and a fully ergonomic design, following the exterior design trend.

REVOLUTIONARY PERFORMANCE



The hydraulic pump station, switches, connectors and other key parts are all products of internationally renowned brands.



More innovation to revolutionize your work

AC walking motor featuring excellent acceleration performance, good climbing performance, low heat generation, no carbon brush and maintenance-free operation.

CATL lithium battery

CATL lithium battery as standard configuration to greatly improve work efficiency due to its rapid charging and plug-and-play feature.

CANBUS structure

The CANBUS structure makes the whole vehicle communication faster and more reliable.

CURTIS AC control system

The CURTIS AC control system performs accurate, stable and more efficient control.

Flexible turning

Several speed gears to make operation more convenient and flexible.

TACKLE THE JOB IN TOTAL COMFORT

The operating panel is designed with a USB charging port and a slot for placing a mobile phone so that the operator can conveniently charge the phone at any time.



The optimized design of the body structure enables the forklift to have an excellent operating view and to access the pallet more easily.



The battery box cover is designed with an air spring to allow the cover to be opened more easily.



It is designed to be compact with large round corners to improve suitability for narrow-space operation and with a wedge-shape chassis to provide higher passing ability



The floating drive suspension system allows the vehicle to run more stably and the operator to operate more comfortably.

Designed with shock-absorbing function, the pedal can greatly improve the ride comfort and alleviate the operator's fatigue due to long-time driving.

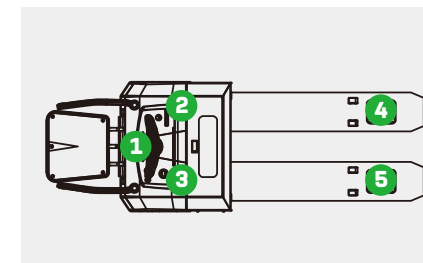


SOLID-MOUNTED STRENGTH

- The new drive boost design can effectively ensure the driving wheel load to prevent slippage.
- With a low noise and low vibration hydraulic power unit to enable stable and reliable lifting and descending.
- The battery is reliably fixed and the battery cover is supported by soft materials, so that the vibration and noise generated during the operation of the vehicle are reduced.
- The non-contact proximity switch has a long life and can work reliably.
- With an electronic lifting limit switch to avoid overflow from the hydraulic power unit, save more energy and protect the motor of the power unit.



The unique floating suspension system enable the driving wheel to contact the ground all the time. The booster cylinder equipped can adjust the road holding of the driving wheel along with the lifted loads to prevent slippage and ensure good stability of the forklift.



With the five-point low center of gravity design and a high-strength steel frame structure, the vehicle frame has a large residual load capacity and a long service life.



All wires and cables connected with a water-proof plug and connector, providing reliable protection and significantly improves the reliability of the electrical system.

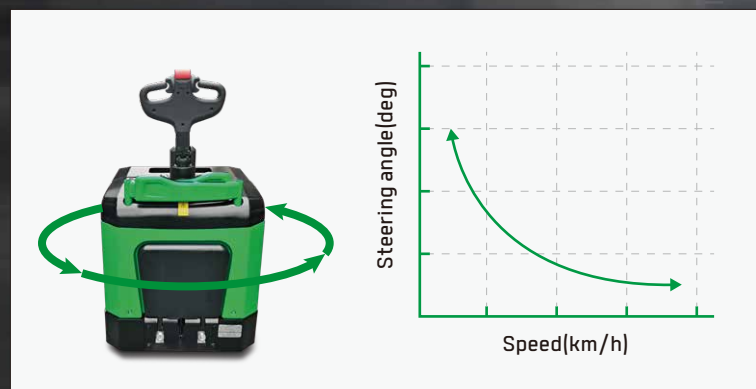
Different optional prongs and prong lengths are applicable to handling of various pallets.



The stamped fork with higher strength and impact resistance, and guided fork prongs, further improve operation efficiency.

SAFETY FROM EVERY ANGLE

With the dual protection by the electronic lifting limit and a smart controller that are provided for the standard configuration, the impact caused by lifting to the top can be avoided, the operating motor can be effectively protected and the safety of the goods can be ensured.



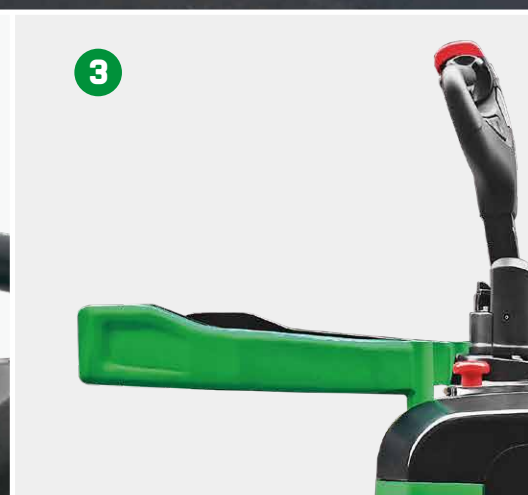
A standard feature of automatic speed decrease along with the steering angle increase is provided.

Protect more

- 1 Anti-roll back function to ensure safe operation.
- 2 In the event of an emergency during driving, the red brake button on the head of the joystick can be pressed to effectively brake and prevent the driver from being injured.
- 3 The side guard is integrally molded, which can better protect the operator.

THREE FUNCTIONS

1. Release braking
2. Reversing braking
3. Emergency braking





EASY TO MAINTENANCE

- The AC motor has no carbon brush and is maintenance-free, which greatly saves the cost of use.
- With a rear hood that can be completely opened to expose all components and facilitate the maintenance of the vehicle.
- With all spindles equipped with lubricated sleeves and oil cups to facilitate maintenance and a long service life.



The integrated power display, timing and fault self-diagnosis meter is convenient for maintenance.

Features

Truck	Standard	Options
AC drive motor	●	
CURTIS AC controller	●	
CATL lithium battery	●	
Stand-on operation of the pedal and the side guard	●	
Double load wheels	●	
Fork length: 1300mm	●	
Fork interval: 710mm	●	
Electronic lifting limit	●	
USB charging port	●	
Electric steering	●	
A full range of prong lengths		○
A full range of prong intervals		○
Controls and instruments		
Emergency shut-off switch	●	
Color multi-function round meter	●	
CAN bus multi-function joystick	●	
Horn	●	
Smart module		○
Safety		
Beep		○
Lights		
Blue light		○
Alarm light		○