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ISO14001:2015

ISO9001:2015

HANGCHA trucks conform to the European Safety Requirements.

HANGCHA GROUP CO., LTD. reserves the right to make any changes without notice concerning colors, equipment, or specifications detailed in this brochure, or to discontinue individual models. The colors of trucks, delivered may differ slightly from those in brochures.

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A Series Dual Drive Electric Forklift

with capacities of 2,000 to 3,500kg

The World of Hangcha

LITHIUM POWERED



LI-ION TECHNOLOGY

HANGCHA provides Li-Ion battery (LiFePO4) with 5 years or 10000 hours warranty.

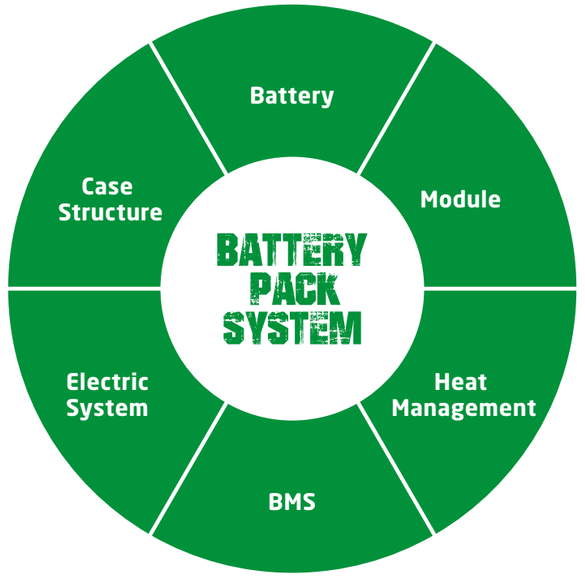
CHARGING 4000 CYCLES DISCHARGE

5 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.
/ The module uses an aluminum alloy frame which is sturdy, lightweight and with excellent heat dissipation.
/ Safe and effective: Charging efficiency as high as 98%, thermal runaway temperature 600 ℃ or above.
/ Adapted to low temperatures: Comes standard with an electrical heating feature , ensuring normal operation in low temperatures.
/ Quick charging: 2 hours full charge, economic use of each break.
/ 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.



Li-Ion
2 hours 100%

Lead-acid batteries
8-10 hours 100%

Rapid charging and opportunity charging ensure continuous availability of vehicles

Li-Ion powered forklifts are always available. They allow for fast full charging or boost charging (100 % charge in 2 hours).
They are maintenance free and do not require a battery change when used for multi-shift operations.



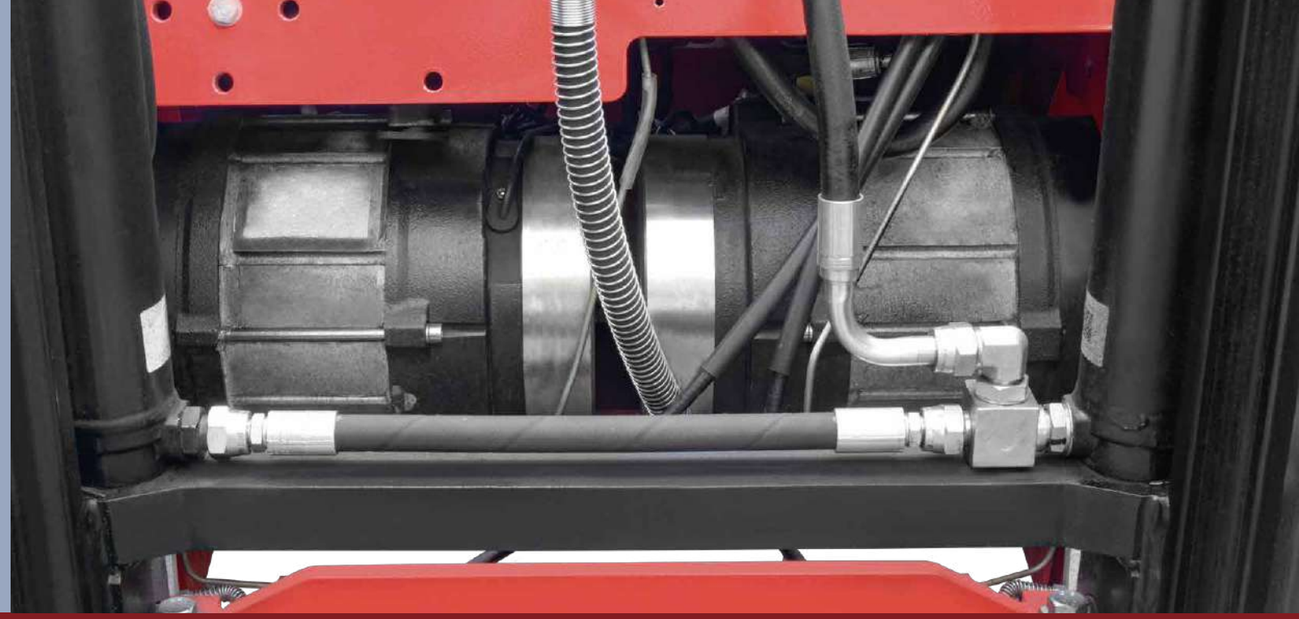
TITANS CHARGER

Li-Ion Battery Pack specification

Type		CPD20-AC4-DMI	CPD25-AC4-DMI	CPD30-AC4-DMI	CPD35-AC4-DMI
Battery voltage, capacity	V/Ah	80/271	80/271	80/404	80/404
Titans charger		SLC-80100	SLC-80100	SLC-80200	SLC-80200

Appearance

Applied advanced new designing method, world famous designing company designed, make the eye catchable stream outline of the truck chassis. Small dimension, simple appearance, and metal material applied for the exposed parts, all provide robust construction of the A series.





Maneuverability

Driven by two motors independently, the front wheels can rotate forwards and backwards with a small turning radius and have good maneuverability. An imported reduction gearbox is provided. The high-power drive motors provide strong and reliable driving force.

High Efficiency

A high-power oil pump motor is used. The large-displacement silent gear pumps improve the lifting speed and operation efficiency.



Intelligent

/ First-class R&D and testing facility.
/ First-class production quality management system.
/ First-class manufacturing facility.
/ First-class environment and control.

Comfortable Operation

Ergonomic

The new designed steering wheel\ new brake system and the easy-to-operate levers provide total handling operation.



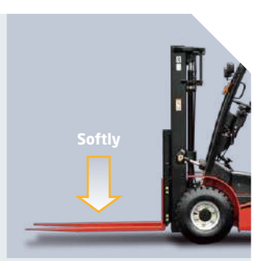


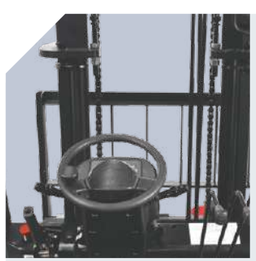
Seat

The extra foot space is provided to reduce operator fatigue significantly. The new wide-open, non-slip step makes getting in and out easy and safe.

Soft landing

In addition to the soft landing system, the soft lifting system is adopted (front lifting cylinders of triplex mast and full free dup-lex mast) , as a result, the noise and shock of the mast significantly decreases.





Wide view mast

New designed wide view mast provides better forward view ability.

1. Low center of gravity provides good turning stability, and better operator's driving comfort. 150mm adjustable distance of seat provides better operator's comfort of different operators.
2. Soft landing system is applied for A series. When the forks lower to 60-100mm to ground, the soft landing system is auto operated, and to avoid the forks dashing against the ground. New designed broad view mast provides better forward visibility.
3. Easy to see LED dashboard provides friendly interaction.
4. Low noise, no exhaust emission, and low energy consumption, all meet environment friendly requirement.



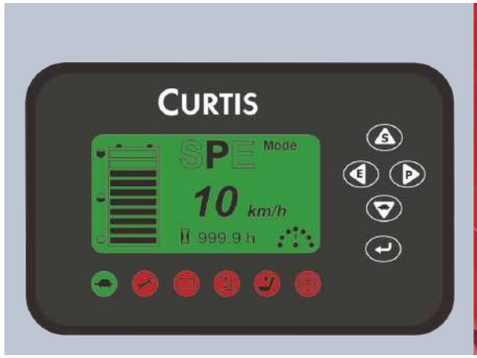
Advanced

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance, and better matches the motor. Regenerative braking, reverse current braking and anti-slide on slop function guarantee the operation safety.

Multi functions big LED dashboard provides running hours, battery power, and self diagnosis functions, and with high accuracy even in bad environment.

Regenerative braking is more energy saving and efficiency during truck's deceleration, direction changing, and driving on downwards slope.

C4 system



CURTIS big LED dashboard.
Non-handset Operation.



Imported high performance, and new generation AC controller.

Service Ability

Full open battery cover, easy for battery service easy opened counter weight cover, to protect internal controller to avoid water and dust World famous brand electronics are applied in motor controller, contactor, power plug, emergency switch, dashboard, and accelerators.

Overloaded protection system is applied for electronics and hydraulics.

CE certificate is available.



Battery cover with auto lock spring for easy battery service and replacing, and clean the oil tank



Side battery changing solution is applied for heavy and long time application



Big dimension anti-slide rubber pad



Protective roof



Easy opened counterweight cover is to protect the internal controllers to avoid water and dust



Standard Features

/ High-power AC drive motor
/ Lifting motor for customized forklift operating conditions
/ Multi-function instrument cluster
/ Computerized driving, lifting and steering
/ LED headlights, steering indicators, LED rear combination tri-color lights
/ Large integral rubber and plastic pedal pad
/ Integrally-stamped front and rear bottom panels
/ Integrally-stamped left and right side panels and hood
/ Reverse buzzer
/ Fully hydraulic power steering
/ Tool box, folder
/ Falling intelligent buffer
/ Standard red fork
/ 3 m duplex wide-field-of-view mast
/ Traction pin
/ Central rear view mirror
/ Speed control at corner

Options

/ Side battery removal solution
/ Domestic large capacity battery
/ Cold storage electric fork
/ High performance imported brand battery
/ Battery charger
/ Rear work light
/ Super-elastic solid tire
/ Coloring solid environmentally friendly seamless tire
/ Suspended seat
/ Left and right rear view mirrors
/ Reverse armrest (containing a horn button)
/ Widened fork frame
/ Widened or heightened load backrest
/ Forks of other lengths
/ Free duplex mast
/ Free triplex mast
/ Built-in side shifter
/ Accessories for other specifications
/ Seat sensing system (OPS)
/ Blue light