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ISO14001  
ISO14001:2015



ISO9001  
ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

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## A Series Electric Forklift Truck

with capacities of 1,000 to 3,500kg

*The World of Hangcha*





# Move freely, lift freely

The newest generation A series 1-3.5t electric counter balance truck is new product series of HANGCHA. The totally new designed outline, safety, comfortable and reliability are fully improved, and the whole truck's performance is also increased.





## Appearance

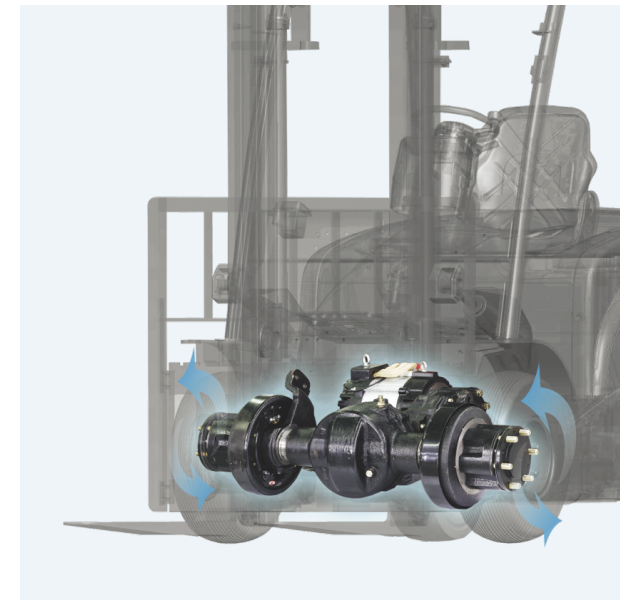
Applied advanced new designing method, world famous designing company designed, make the eye catchable stream outline of the truck chassis. Small dimension, simple appearance, and metal material applied for the exposed parts, all provide robust construction of the A series.

## Power Train



## Stability

Advanced parallel layout of drive motor and lower located battery up to chassis bottom provide good stability to the truck.



## 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

Easy to see dashboard is relocated to overhead, no restriction of the operator's visibility. The operator can monitor the truck operation at a glance.



## 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.



## EPB

Electronic Parking Brake, it provides the safe and rapid brake performance. More particularly, turn on the function automatically under different working situation.

# 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 slope 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.

C3/C4 system



CURTIS big LED dashboard. Non-handset Operation



Imported high performance, and new generation AC controller

Z3/Z4 system



ZAPI dashboard



ZAPI controller

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.



# 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.



The cover below control panel are fully closed

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

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

Full opened engine hood









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

Protective roof

# Accessory

Standard Features	Options
<ul style="list-style-type: none"> <li>/ High efficiency AC driving motor</li> <li>/ Special for truck's lifting motor</li> <li>/ Multi-functions dashboard</li> <li>/ Full electronic controlled travelling, lifting and steering</li> <li>/ Front lighting system, turning indicator, LED combined three colors's rear lights</li> <li>/ Big dimension rubber pad</li> <li>/ Sheet metal stamping made front and rear bottom plate</li> <li>/ Sheet metal stamping made left and right cover and battery cover</li> <li>/ Reversing beeper</li> <li>/ Full hydraulic steering</li> <li>/ Storage box</li> <li>/ Soft landing system</li> <li>/ Standard forks in red</li> <li>/ 3m duplex wide view mast</li> <li>/ Tow coupling</li> <li>/ Center located rear view mirror</li> <li>/ Suspension seat with higher OHG</li> <li>/ Turning speed is automatically reduced when steering for Model 2.0~3.5t</li> <li>/ The cover below control panel are fully closed</li> <li>/ Dashboard is relocated to overhead, no restriction of the operator's visibility</li> <li>/ EPB: Electronic Parking Brake</li> </ul>	<ul style="list-style-type: none"> <li>/ Side way battery change</li> <li>/ Big capacity Chinese made battery</li> <li>/ Cold store application</li> <li>/ High performance import battery</li> <li>/ Battery charger</li> <li>/ Rear lighting system</li> <li>/ Front dual tyre</li> <li>/ SE tyre</li> <li>/ Non-marking tyre</li> <li>/ Left and right rear view mirror</li> <li>/ Reversing hand grip with horn button</li> <li>/ Wide fork carriage</li> <li>/ Wide or higher load backrest</li> <li>/ Other dimension forks</li> <li>/ Duplex mast with full free lift</li> <li>/ Triplex mast</li> <li>/ Integrated side shift</li> <li>/ Other attachments</li> <li>/ OPS</li> <li>/ Blue spot light</li> <li>/ Other specification on demand</li> </ul>

# Color Selection

	Color NO. STD. Yellow		Color NO. STD. Red
	Color NO. RAL2000 Yellow Orange		Color NO. RAL6018 Traffic Green
	Color NO. RAL7032 Pebble Grey		Color NO. RAL6029 Mint Green
	Color NO. RAL5018 Truquoise Blue		Color NO. PANTONE 584C Grass Green