



A Series Reach Truck

with capacities of 1,200 to 2,000kg



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ISO9001
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HANGCHA trucks conform
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Requirements.

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The World of Hangcha



A Series Reach Truck

The reach truck is suitable for working in narrow passageway and confined space, with high lifting and load capacity, and is the ideal tool for loading, unloading, handling, and stacking in warehouse, supermarket, and workshop.

**Environment/
Efficiency/
Economy**



Appearance

/ The worldwide popular, great-circle, streamlined surface modeling is applied, with smooth, beautiful, and elegant appearance.

Stability

/ The broad and solid chassis and steady reach mechanism, as well as the drive unit that is fixed at center, realize low gravity center, and guarantee sufficient stability of the truck.

Flexibility

/ The driving system that is located at rear part of chassis uses EPS (Electric Power Steering) technology, features low-speed and large torque. Automatic centering function upon starting up, and the 180-degree steering mode of standard configuration, make the truck flexible and convenient, and allow it turn easily even in confined space.

Comfort

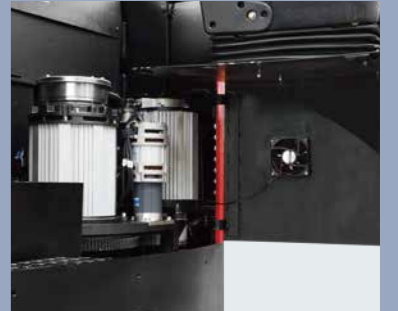
- / Operating levers of ergonomic design, integrated console, all important operating parts are within the reach of your hands.
- / The mast of optimized design with wide view avoids blocking the sight of the operator, and large size of the fork shelf offers wider view.
- / The seat can be adjusted forward and backward, also with the function of vibration reduction.
- / The truck body with increased width and height offers larger operating space for hands and legs of the operator.
- / The new designed overhead guard structure allows the operator to observe the movement of load more clearly.

Maintenance

- / The fully-opened cover provides easy maintenance for motor, controller and transmission, braking, and hydraulic systems.
- / The battery compartment can be removed forward, so replacement or maintenance is very easy.



Wider view OHG



High-performance motor



Comfortable and convenient seat



Instrument can display the steering angle and direction Synchronously



The steering wheel is extensible, so the operator can choose the best driving position



Reliability & Safety

- / Major electrical components such as controller, contactor, and power plug are all of foreign famous brands.
- / As a standard configuration, the emergency power off switch complies with European safety standards.
- / Electronic and hydraulic overload protection, power-failure lock up of fork, and safe pedal.

Benefits of the AC Power System

- / The AC power system has high efficiency, full protection functions, powerful acceleration performance, sensitive and fast steering.
- / The brushless, maintenance-free AC motor has longer service life, and lower maintenance cost.

High-performance Mast

- / The operator has wider view in the load direction.
- / Built-in sidsifter and fork tilting are standard configuration.
- / The mast made with imported steel channels and compact structural design has a maximum lifting height: 12500mm.
- / The mast made with domestic steel channels and broad-view design is cost effective.
- / Height monitoring and lifting height limitation system are optional.



Battery can be removed forward, easy for maintenance

Traction device



Advance

- / Three-phase AC technology is applied for driving and steering, AC technologies are available for lifting. Full AC power system has higher efficiency, and is free maintenance.
- / The internationally cutting-edge MOSFET integrated controller guarantees smooth and accurate control on driving, steering and lifting, as well as superior speed regulation performance, with regenerative braking, reverse braking, anti-slipping on slope and other functions, resulting in more efficient, safer operations.
- / The LCD battery condition meter, timer, fault self-diagnosis meter, and display can not only display most important operating data, driving direction and location of driving wheels that are interactive with steering, but also realize accurate display in harsh environment.
- / The full AC truck is equipped with non-backlash, high pressure resistant, silent gear pump.
- / The full AC truck is equipped with stepless speed regulation for lifting operation, descending self-locking in case of power failure, and double protection of hydraulic buffer and electrical deceleration for forward and backward movements.
- / The CANBUS communication technology is applied to monitor motor speed, temperature, and other information in real time, realizing closed-loop control.
- / The truck has a triple braking mechanism, i.e. electronic braking (reverse regenerative braking), front wheel hydraulic braking, and electromagnetic parking braking.

Standard Specification

- / PU (polyurethane) driving wheel and load wheels
- / High-capacity battery
- / Emergency power off switch
- / 4 spools control valves
- / Stepless speed regulation for lifting operation
- / Arm cushion, and impact-proof head cushion
- / Full computer control for driving, steering
- / 3m duplex mast
- / Adjustable steering wheel
- / Front wheel protection hood
- / Safety pedal
- / Descending self-locking in case of power failure

Options

- / 2.7-5.0m duplex mast, built-in sidsifter, fork tilting
- / 4.3-12.5m full-free triplex mast built-in side shifter, fork tilting
- / Various fork lengths
- / Imported high-performance battery
- / Optional large capacity battery 420Ah, 560Ah
- / Full automatic high-frequency charger
- / Other attachments
- / Larger load backrest
- / Load and drive wheels use the Vulkollan material
- / Height monitoring system
- / Lifting height limitation system
- / Alarm lamp, rear headlamp or other lamps
- / Reverse buzzer
- / Electrical buffer for forward and backward movements
- / Adjustable seat with OPS switch
- / 360-degree steering mode
- / CE safety requirements