### A Series
1.0/1.5/2.0/2.5/3.0/3.5t Electric Forklift Truck

#### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Single Tire</th>
<th>Front Dual Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Load Center 24in</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Load Capacity (Mast vertical to ground)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tire Single</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tire Dual</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Lift Height</th>
<th>Tipping Range</th>
<th>Load Center 24in</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Additional Information

- **Global Sales Network**
- **Hangcha Group Co., Ltd.** (Zhejiang Hangcha Import & Export Co., Ltd.)

- **Website**: www.hcforklift.com
- **Contact**: Hangcha Group Co., Ltd., Zhejiang, China, 311401
- **Phone**: +86-571-85979798, +86-571-85979797
- **Email**: sales@hangcha.com

---

*Note: The table and diagram provide detailed specifications for the A Series Electric Forklift Truck, including capacity, lift height, tipping range, and load center at 24 inches.*
He 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.

**OUTLINE**

Eyeball attractive designed streamlined outline, small dimension, and metal material applied for exposed parts, all provide robust construction of A series.

**COMFORTABLE**

Thanks to the new designed ergonomically operator’s cab, the operator can work in relax, low fatigue, and even during long shift.

Sinking type designed battery layout provides battery stability especially during turning.

Ergonomically designed small radius turning wheel, and 150mm adjustable distance of seat, both provide better operator’s comfort of different operators.

Soft landing system is applied for A series. When the forks lows 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 view ability.

Big LED dashboard is easy to see and provides friendly human-computer interaction and with running hours, self diagnosis function and the battery power shown.

Low noise, energy saving and no exhaust emission, all meet environment friendly requirement.

**AC TECHNOLOGY**

The AC technology offers numerous advantages to HANGCHAA series trucks.

Maintenance free driving motor is no need to replace the carbon brush, low service cost.

High efficiency AC system is not only with full protection functions but also with the self equipped temperature sensor, speed sensor, which provides better reliability and long working life time.

**SAFETY SYSTEM**

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance and better match with the motor.

Secure stopping on ramp function is also provided thanks to MOSFET controller.

Motor brake is for regenerative braking during deceleration, direction changing, and downward slope. The regenerative braking is more energy saving and effectively.

**EASY MAINTENANCE**

Full opened battery cover is easy for battery service.

The controller is enclosed to avoid dust and water, and the cover is easy opened.

The applied world famous controllers, connectors, battery plug, emergency switch, and dashboard are to ensure the reliability of the performance and provide easy service.

Emergency switch is standard specification which meets the Euro safety regulation.

There’s overloading protection for electronics and hydraulic system.

The whole truck meets CE certificate.

**STANDARD SPECIFICATIONS**

- High efficiency AC driving motor
- Special for truck’s lifting motor
- Multi-functions dashboard
- Full electronic controlled travelling, lifting and steering
- Front lighting system, turning indicator, LED combined three colors' rear lights
- Big dimension rubber pad
- Sheet metal stamping made front and rear bottom plate
- Sheet metal stamping made left and right cover and battery cover
- Standard battery
- Reversing beeper
- Full hydraulic steering
- Storage box
- Soft landing system
- Standard forks in red
- 3m duplex mast
- Tow coupling
- Center located rear view mirror
- Side way battery change
- Big capacity Chinese made battery
- Cold store application
- High performance import battery
- Battery charger
- Rear lighting system
- Front dual tyre
- BE tyre
- Non-marking tyre
- Suspension seat with higher OHG
- Left and right rear view mirror
- Reversing hand grip with horn button
- Wider fork carriage
- Wide or higher load backrest
- Other dimension forks
- Duplex mast with full free lift
- Triplex mast
- Integrated side shift
- Other attachments
New designed sideway battery changing is an option to meet different customer requirement. And which is very suitable for two or three shifts working.

- Advance ergonomically design cab, better operator comfort
- Parking brake design meets ISO3691
- Customaries color
- Battery cover with auto lock spring for easy battery service and replacing
- Advanced import AC controller (new series)
- Easy opened counter weight cover, to protect internal controller to avoid water and dust.
- Advanced transverse layout driving component.
- Sideway battery change option, easy to replacing battery
- Battery with lifting holes, no need to equip trolley, and battery can be put on ground to saving space and cost.
- Big LED dashboard, fault code shown in English
- Big dimension rubber pad
<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Capacity (Mast vertical to ground)</th>
<th>Load center@500mm Front Dual Tire</th>
<th>Free lifting height</th>
<th>Electrical Power (kW)</th>
<th>Mechanical Power (kW)</th>
<th>Lift (mm)</th>
<th>Mast/Carriage Shift (mm)</th>
<th>Mast/Carriage Speed (m/min)</th>
<th>Mast/Carriage Travel Speed (m/min)</th>
</tr>
</thead>
</table>