### A Series End Control Rider Pallet Truck

**Model:** ECR27
**Capacity:** 6,000 lbs (27.1 Kg)
**Current:** 24V/400Ah
**Weight:** 3,210 lbs (1,451 Kg)
**Battery:** Polyurethane

### Model ECR36

**Capacity:** 8,000 lbs (36 Kg)
**Current:** 24V/400Ah
**Weight:** 4,850 lbs (2,200 Kg)
**Battery:** Polyurethane

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### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V)</th>
<th>Capacity (Kg)</th>
<th>Battery (Ah)</th>
<th>Weight (Kg)</th>
<th>Tyre Size (Front)</th>
<th>Tyre Size (Rear)</th>
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</thead>
<tbody>
<tr>
<td>ECR27</td>
<td>24</td>
<td>866</td>
<td>400</td>
<td>310</td>
<td>2-3.25x6.5</td>
<td>2-5x2.4</td>
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<tr>
<td>ECR36</td>
<td>24</td>
<td>866</td>
<td>400</td>
<td>310</td>
<td>2-3.25x6.5</td>
<td>2-5x2.4</td>
</tr>
</tbody>
</table>

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**Battery Compartment**: 
- **Compartment**: X: 810 (31.9 in), Y: 327 (12.9 in), Z: 593 (23.3 in)
- **Weight**: 866 lbs (1910 Kg)

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**Dimensions**:
- **Overall Length**: 102.4 in (2600 mm)
- **Overall Width**: 44.3 in (1125 mm)
- **Distance between fork-arms**: 44.8 in (1138 mm)
- **Turning Radius**: 9.4 in (240 mm)

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**Performance**:
- **Service Brake**: Electromagnetic
- **Travel Speed**: Loaded/Unloaded: 8/15 mph
- **Max Gradeability**: Loaded/Unloaded: 8/15 %

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**Manufacturer**:
- **HANGCHA GROUP CO., LTD.**
- **Manufacturer's Type Designation**: CBD27-AC1S-NA

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**Contact Information**:
- **Company Address**: 10405-A Granite Street Charlotte, NC 28273
- **Toll Free**: 888-652-8395
- **Phone**: 980-888-8335
- **Fax**: 980-888-8336
- **Email**: america@hcforklift.com
- **Website**: www.hcforkliftamerica.com
The CURTIS AC control system offers accurate and stable work, and higher efficiency.

The load backrest is secured with high-strength bolts, which can protect the operator effectively.

The AC driving motor features excellent acceleration performance, outstanding climbing ability, low heat emission, and is brushless, and maintenance-free.

The CANBUS bus structure realizes faster and more reliable communication for the entire machine.

The operating handle has a Picking button as standard configuration, so the pallet truck may be operated at the side to increase efficiency of picking operation.

Regenerative brake of the pallet truck prevents it from sliding on a slope.

Comfort
- Low-noise reduction gear box and high elasticity PU traction wheel result in low noise.
- Additional wheels supported with PU blocks and springs realize more stable travelling.
- Inner concave design at bottom of machine hood offers larger room for operator’s feet.

Reliability
- The design of pallet truck frame of high-strength steel plate can satisfy various work conditions, with long service life.
- Box type stamped fork features higher strengths and impact resistance, with excellent strengths and rigidity.
- Impact proof plug connections offer reliable protection for all cables, which increases reliability of the electrical system significantly.
- The front wheel of lifting motor eliminates overflow of the hydraulic power unit, which is more energy efficient, and can protect the motor of power unit.

Appearance
- Integrated machine hood, smooth lines, full of dynamics, in compliance with environmental requirements.
- Frame and fork of stamped steel plates, solid and reliable.

High Performance
- The AC driving motor features excellent acceleration performance, outstanding climbing ability, low heat emission, and is brushless, and maintenance-free.
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Safety
- Release braking, reverse braking, and three types of emergency braking can ensure safety of traveling.
- Anti-sliding function on slope can ensure safety of operation.
- The emergency braking button on top of operating handle can avoid the driver from injury effectively in case of emergency during backward lifting of the pallet truck.

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- Anti-sliding function on slope can ensure safety of operation.
- The emergency braking button on top of operating handle can avoid the driver from injury effectively in case of emergency during backward lifting of the pallet truck.
A Series End Control Rider Pallet Truck
The CBD36-AC1S-NA pallet truck is designed for high-intensity work conditions specially, and is suitable for various handling and picking operations, featuring excellent performance, safety and reliability, and lower maintenance cost for operations.

Reliability
- The design of pallet truck frame of high-strength steel plate can satisfy various work conditions, with long service life.
- Box type stamped fork features higher strength and impact resistance, with excellent strength and rigidity.
- Inner concave design at bottom of machine hood offers larger room for operator’s feet.

High Performance
- The AC driving motor features excellent acceleration performance, outstanding climbing ability, low heat emission, and is brushless, and maintenance-free.
- The CANBUS bus structure realizes faster and more reliable communication for the entire machine.
- The operating handle has a picking button as standard configuration so the pallet truck may be operated at the side at the increase efficiency of picking operation.
- Regenerative brake of the pallet truck prevents it from sliding on a slope.

Comfort
- Low-noise reduction gear box and high elasticity PU traction wheel result in low noise.
- Additional wheels supported with PU blocks and springs realize more stable travelling.
- High-performance AC controller
- PU buffering elastic auxiliary wheels

Safety
- Release braking, reverse braking, and three types of emergency braking can ensure safety of travelling.
- Anti-slip function on slope can ensure safety of operation.
- The emergency braking button on top of operating handle can avoid the driver from injury effectively in case of emergency during forward/holding of the pallet truck.

Standard
- High-efficiency AC driving motor
- High-performance PU driving wheels
- CURTIS AC controller
- CANBUS multi-functional operating handle
- Multi-functional interactive instruments
- PU buffering elastic auxiliary wheels
- Electro-magnetic brake
- Load backrest

Appearance
- Integrated machine hood, smooth lines, full of dynamics, in compliance with environmental requirements.
- Frame and fork of stamped steel plates, solid and reliable.

Reliability
- The design of pallet truck frame of high-strength steel plate can satisfy various work conditions, with long service life.
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Comfort
- Low-noise reduction gear box and high elasticity PU traction wheel result in low noise.
- Additional wheels supported with PU blocks and springs realize more stable travelling.
- Inner concave design at bottom of machine hood offers larger room for operator’s feet.

Safety
- Release braking, reverse braking, and three types of emergency braking can ensure safety of travelling.
- Anti-slip function on slope can ensure safety of operation.
- The emergency braking button on top of operating handle can avoid the driver from injury effectively in case of emergency during backward/holding of the pallet truck.

Standard
- High-efficiency AC driving motor
- High-performance PU driving wheels
- CURTIS AC controller
- CANBUS multi-functional operating handle
- Multi-functional interactive instruments
- PU buffering elastic auxiliary wheels
- Electro-magnetic brake
- Load backrest

Appearance
- Integrated machine hood, smooth lines, full of dynamics, in compliance with environmental requirements.
- Frame and fork of stamped steel plates, solid and reliable.
The roomy platform features low step heights to reduce fatigue, and cushioned lean pads (optional) allow the operator to adjust stance throughout the shift, enhancing operator comfort.

Curriculum AC control system offers accurate and stable work, and higher efficiency.

The load backrest is secured with high-strength bolts, which can protect the operator effectively.

FREI tiller

High Performance
- The AC driving motor features excellent performance, outstanding climbing ability, low heat emission, and is maintenance-free.
- The CANBUS bus structure realizes faster and more reliable communication for the entire machine.
- The standing handle has a thumb button as standard configuration so the pallet truck may be operated at the side to increase efficiency of picking operations.
- Regenerative brake of the pallet truck prevents it from sliding on a slope.

Reliability
- The design of pallet truck frame of high-strength steel plate can satisfy various work conditions, with long service life.
- Box type stamped fork features higher strength and impact resistance, with excellent strength and rigidity.
- Impact proof plug connections offer reliable protection for all cables, which increases reliability of the electrical system significantly.
- The short length of lifting motor eliminates overflow of the hydraulic power unit, which is more energy efficient, and can protect the motor of power unit.

Comfort
- Low-noise reduction gear box and high-elasticity PU traction wheel result in low noise.
- Additional wheels supported with PU blocks and springs realize more stable travelling.
- Inner concave design at bottom of machine hood offers larger room for operator’s feet.

Quality
- The AC driving motor features excellent performance, outstanding climbing ability, low heat emission, and is maintenance-free.
- The CANBUS bus structure realizes faster and more reliable communication for the entire machine.
- The standing handle has a thumb button as standard configuration so the pallet truck may be operated at the side to increase efficiency of picking operations.
- Regenerative brake of the pallet truck prevents it from sliding.

Safety
- Release braking, reverse braking, and three types of emergency braking can ensure safety of travelling.
- Anti-skidding function on slope can ensure safety of operation.
- The emergency braking button on top of operating handle can avoid the driver from injury effectively in case of emergency during backward lifting of the pallet truck.

Appearance
- Integrated machine hood, smooth lines, full of dynamics, in compliance with environmental requirements.
- Frame and fork of stamped steel plates, solid and reliable.

Standard
- High-efficiency AC driving motor
- High-performance PU driving wheels
- CURTIS AC controller
- High-performance hydraulic power unit
- Anti-skid pedal for standing operation
- CANBUS multi-functional operating handle
- Multi-functional interactive instruments
- PU buffering auxiliary wheels
- Electromagnetic brake
- Load backrest

High Performance
- The AC driving motor features excellent performance, outstanding climbing ability, low heat emission, and is maintenance-free.
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**A Series End Control Rider Pallet Truck**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage V</th>
<th>Batt.Wt. X (mm)</th>
<th>Batt.Wt. Y (mm)</th>
<th>Batt.Wt. Z (mm)</th>
<th>Maximum Q (lb)</th>
<th>Minimum Q (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECR27</td>
<td>24</td>
<td>327(12.9)</td>
<td>593(23.3)</td>
<td>866(1910)</td>
<td>310(685)</td>
<td>866(1910)</td>
</tr>
<tr>
<td>ECR36</td>
<td>24</td>
<td>327(12.9)</td>
<td>593(23.3)</td>
<td>866(1910)</td>
<td>310(685)</td>
<td>866(1910)</td>
</tr>
</tbody>
</table>

**Battery Compartment**

- **ECR27**
  - Battery voltage: 24V
  - Nominal capacity: 400Ah
- **ECR36**
  - Battery voltage: 24V
  - Nominal capacity: 400Ah

**Dimensions and Performance Data**

- **Distinguishing mark**: Manufacturer’s type designation, model number
- **Weight**: Operator type, rated capacity/rated load, load centre distance, load distance, wheelbase, service weight
- **Tyres**: Solid rubber, superelastic, pneumatic, polyurethane, tyre size, additional wheel (dimensions)
- **Lift**: Fork height, lowering, overall length, head length, overall width, distance between fork-arms, turning radius
- **Travel speed**: Laiden/unladen, max gradeability, service brake, electromagnetic brake

**Manufacturer**

HC FORKLIFT AMERICA CORPORATION

Company address: 10405-A Granite Street Charlotte, NC 28273

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Phone: 980-888-0335
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A Series End Control Rider Pallet Truck

with capacities of 6,000/8,000lbs

The World of Hangcha
A Series End Control Rider Pallet Truck

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<table>
<thead>
<tr>
<th>EC Series</th>
<th>Voltage V</th>
<th>Batt. Wt.</th>
<th>Maximum</th>
<th>Minimum</th>
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<tbody>
<tr>
<td>ECR27</td>
<td>24</td>
<td>866(1910)</td>
<td>91(20)</td>
<td>36(8)</td>
</tr>
<tr>
<td>ECR36</td>
<td>24</td>
<td>866(1910)</td>
<td>91(20)</td>
<td>36(8)</td>
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