### Li-ion Pallet Truck

#### Main Features

- **High Performance**
  - Standard lithium battery, maintenance free.
  - High capacity battery and quickly charger for option.
  - Inside BMSCSD battery management system for more safety and long life.
  - The battery can be charged in working gap without take out for longer working time.
  - Every cover can be easy to disassembly.

- **Convenience**
  - Working steady and easy exchange the battery in 5s.
  - Curtis controller and CAN-bus system for easy to check.
  - The controller have the self-diagnosis function and the error code be show on LCD.

- **Intelligent Handle**
  - Can-bus handle with all button to easy touch.
  - Coded lock inside for more safety.
  - The driving speed can be automatic control with different handle angle.

- **Flexible and Durable**
  - Smaller body can be easy to turnover the container and elevator.
  - The handle is upright and can be used for walking in a narrow space.
  - Lightweight body and guaranteed strength design, 5% energy saving compared to traditional lead-acid battery models.
  - Strong power, high gradeability.

#### Options:
- Single loading wheel & 1070/1220/1525mm height Load Brackets.

### Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>CLG2015L</th>
<th>CLG2020L</th>
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<tr>
<td>Power Type</td>
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<td>Loading Wheel Size</td>
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<td>Ear Noise (db(A))</td>
<td>&lt;70</td>
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</table>
Electric Pallet Truck

Main Features

GERMANY AC DRIVE TECHNOLOGY
- The powerful German Schabmueller maintenance free AC Drive motor in combination with the German Kordel gearbox,In torque brake and Wicke drive wheel give best performance, efficiency and reliability to reduce the running cost.
- The AC Drive can gives always the right response when gentle or fast acceleration whatever you desired.

LONG TILLER DESIGN FOR ERGONOMICS AND SAFETY
- In particular through the long tiller design the operator can always keep a safe distance to the truck during proceeding the work very ergonomically.
- The design ensures lower operational forces than trucks with a short tiller.
- The tillers operating height is naturally positioned to ergonomic, operator friendly controlling positions.

MAINTENANCE FRIENDLY
- The trucks design and the used components are tailored to make service and maintenance easy. All components are easy to reach when removing the main cover only with 2 screws, drive-and castor wheel are easy to exchange without craning the truck.

LONG LASTING BATTERY
- With the long lasting battery capacities for every model.
- With sideways battery exchange for long operations and multi-shifts.

SPECIFICATION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Model 1 CLG2016L-WA</th>
<th>Model 2 CLG2020L-WA</th>
<th>Model 3 CLG2025L-WA</th>
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<td>Max. Height of Fork</td>
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<td>685 mm</td>
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<tr>
<td>Wheel Base</td>
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<td>Turning Radius</td>
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<td>1750 mm</td>
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<tr>
<td>Driving Speed (load / unload)</td>
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<td>5.7 / 6.0</td>
<td>5.5 / 6.0</td>
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<td>Lifting Speed (load / unload)</td>
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<td>Lowering Speed (load / unload)</td>
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<td>40 / 40</td>
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<td>1.7 kw</td>
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<td>Battery Capacity / Voltage</td>
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<td>210 / 24</td>
<td>350 / 24</td>
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<td>Front Wheel</td>
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<td>285 kg</td>
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</table>
Electric Pallet Truck

Main Features

ROOMY PLATFORM
- The roomy platform ensures operator comfort throughout the day.

BACKREST
- Heavy duty load backrest with a tilt down design to facilitate battery change out. Optional battery rollers provides easier battery change out.

TRAY
- The optional available tray gives the right place for your work equipment.

ERGONOMIC ROBUST GERMAN TILLER
- The operator friendly robust metal casted German tiller provides maximum of ergonomics and safety in riding as well as in walking mode.

JOG BUTTON
- Jog button on the tiller allows operator to walk beside the truck. Additional sidetracker for travelling in tiller direction to increase productivity in order picking operations. The coast mode allows slowly coasting.

SPECIFICATION

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<tr>
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<th>CLG2036L-FL</th>
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<td>Φ310×105</td>
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<td>Battery</td>
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WAREHOUSE TRUCK

**Electric Pallet Stacker**

**Main Features**

- **BUILT-IN CHARGER**
  - The built-in charge makes operations more autonomous and increases the operating range.

- **BATTERY DEEP DISCHARGE PROTECTION**
  - Proofed and ergonomic emergency button and discharge indicator, more robust and reliable than other. The included automatic battery protection ensures high lifetime for the batteries.

- **PROOFED COMPONENTS**
  - Proofed components such as sensors, micro-switches, controller and hydraulic power pack from international brands.

- **FULFILLING STANDARDS**
  - Fulfilling the actual valid European standards, also in ISO 13849, performance level.

- **APPLICATIONS**
  - Ideal economic solution for all indoor low duty and occasional stacking operations.

- **POWERFUL BATTERY**
  - 2x12v 85AH powerful VRLA-AGM maintenance free batteries.
  - Option 2x12v 106AH.

---

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>1 CLG2S010-WF3</th>
<th>2 CLG2S010-WS3</th>
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<td>4.3 / 4.5</td>
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<td>110 / 160</td>
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<tr>
<td>Battery</td>
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<td>2 x 25</td>
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</tbody>
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---

**Built-in Charger**

- The built-in charge makes operations more autonomous and increases the operating range.

---

**Robust Profile**

- Robust mast with real mast profiles for perfect stability, accuracy and high lifetime.

---

**Battery Deep Discharge Protection**

- Proofed and ergonomic emergency button and discharge indicator, more robust and reliable than other. The included automatic battery protection ensures high lifetime for the batteries.

---

**Proofed Components**

- Proofed components such as sensors, micro-switches, controller and hydraulic power pack from international brands.

---

**Fulfilling Standards**

- Fulfilling the actual valid European standards, also in ISO 13849, performance level.

---

**Applications**

- Ideal economic solution for all indoor low duty and occasional stacking operations.

---

**Powerful Battery**

- 2x12v 85AH powerful VRLA-AGM maintenance free batteries.
- Option 2x12v 106AH.
Electric Pallet Stacker

Main Features

- The CLG2S012/-16/20-WF3 is tailored to most pedestrian controlled stacking operations with capacities from 1200kg up to 2000kg.
- With the long mounted tiller the operator keeps safe and ergonomic distance to perform his work.
- Due to the gentle operating full proportional lifting system stacking operating becomes more safer and quicker.
- With the high-quality and state of the art top-brand components and technologies, the truck competes with leading well-known brands in the market.

LONG TILLER DESIGN FOR ERGONOMICS AND SAFETY

- In particular through the long tiller design the operator can always keep a safe distance to the truck during proceeding the work very ergonomically.
- The design ensures lowers operational forces than trucks with a short tiller.
- The tiller operating height is naturally positioned to ergonomic, operator friendly controlling positions.
- Specifically stacking operations becomes more ergonomically and quicker due to the safe distance and better view to the forks. The 4 wheel design with the sideways long mounted tiller gives particular an exact and perfect view to the forks.

ELECTRONIC PROPORTIONAL LIFTING AND LOWERING

- The electronically controlled proportional lifting system ensures accurate positioning and stacking operations at every lifting height.
- In specific with high masts the electronic controlled proportional lifting performs at its best.

CANBUS TECHNOLOGY

- The CANBUS technology is due to less wiring more reliable.
- For maintenance the CANBUS technology makes analysis and adjustments easier so that the downtime is lower than for trucks without CANBUS.
- Digital signals further makes parts longer lasting than analogue signals.

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<tr>
<th>Feature</th>
<th>CLG2S012-WF3</th>
<th>CLG2S016-WF3</th>
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<td>Capacity</td>
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<td>Overall Length</td>
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<td>Height of tiller in drive posit. min / max</td>
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<td>850 / 1385</td>
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<td>1440 mm</td>
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<td>1640</td>
</tr>
<tr>
<td>Driving Speed (load / unload)</td>
<td>6.0 / 6.0</td>
<td>5.7 / 6.0</td>
<td>5.4 / 6.0</td>
</tr>
<tr>
<td>Lifting Speed (load / unload)</td>
<td>90 / 140</td>
<td>130 / 200</td>
<td>130 / 200</td>
</tr>
<tr>
<td>Max. Lowering Speed (load / unload)</td>
<td>250 / 200</td>
<td>280 / 230</td>
<td>280 / 230</td>
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<td>Driving Motor Power</td>
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<tr>
<td>Lifting Motor Power</td>
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<td>Battery Capacity</td>
<td>180.24 Ah/V</td>
<td>270.24 Ah/V</td>
<td>350.24</td>
</tr>
<tr>
<td>Front Wheel</td>
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<td>Ø84×70 mm</td>
<td>Ø84×70 mm</td>
</tr>
<tr>
<td>Steering Wheel</td>
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<td>Ø150×54 mm</td>
<td>Ø150×54 mm</td>
</tr>
<tr>
<td>Driving Wheel</td>
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<td>Ø230×70 mm</td>
<td>Ø230×70 mm</td>
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<td>Battery</td>
<td>175 kg</td>
<td>230 kg</td>
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</table>

SPECIFICATION
Straddle-leg Electric Pallet Stacker

Main Features
- Ergonomic, Compact and safe Long Tiller Design.
- Precise Lifting and Lowering with Full Proportional Hydraulic System.
- Core Components from Top Quality Brands.
- 4 Wheel Structure for Stability.

LONG TILLER DESIGN FOR ERGONOMICS AND SAFETY
- Specifically stacking operations becomes more ergonomically and quicker due to the safe distance and better view to the forks. The 4 Wheel design with the sideways long mounted tiller gives particular an exact and perfect view to the forks.

STRADDLE LEG
- Adjustable straddle leg design, suitable for diverse pallet sizes and more stability.

FOR EVERY APPLICATION THE RIGHT BATTERY CAPACITY
- With the long lasting battery capacities for every model.
- With sideways battery exchange for long operations and multi-shifts.

ELECTRONIC PROPORTIONAL LIFTING AND LOWERING
- The electronically controlled proportional lifting system ensures accurate positioning and stacking operations at every lifting height.
- In specific with high masts the electronic controlled proportional lifting performs at its best.

### SPECIFICATION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
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<tbody>
<tr>
<td><strong>Model</strong></td>
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<td><strong>Power Type</strong></td>
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<tr>
<td><strong>Driving Type</strong></td>
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</tr>
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</tr>
<tr>
<td><strong>Overall Wide</strong></td>
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</tr>
<tr>
<td><strong>Height of tiller in drive position min / max</strong></td>
<td>8 mm</td>
</tr>
<tr>
<td><strong>Lifting Height</strong></td>
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</tr>
<tr>
<td><strong>Max. Height of Fork</strong></td>
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</tr>
<tr>
<td><strong>Full Free Height</strong></td>
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<td><strong>Min. Height of Fork</strong></td>
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<tr>
<td><strong>Fork</strong></td>
<td>13 mm</td>
</tr>
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<td><strong>Fork Spread</strong></td>
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</tr>
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<td><strong>Wheel Base</strong></td>
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</tr>
<tr>
<td><strong>Turning Radius</strong></td>
<td>16 mm</td>
</tr>
<tr>
<td><strong>Driving Speed (load / unload)</strong></td>
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</tr>
<tr>
<td><strong>Lifting Speed (load / unload)</strong></td>
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</tr>
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<td><strong>Max. Lowering Speed (load / unload)</strong></td>
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<td><strong>Lifting Motor Power</strong></td>
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<td><strong>Front Wheel</strong></td>
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<td><strong>Steering Wheel</strong></td>
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**LONG TILLER DESIGN FOR ERGONOMICS AND SAFETY**

- Long Tiller Design
- Ergonomic and safe
- Improved visibility and safer operations

**STRADDLE LEG**

- Adjustable straddle leg
- Suitable for diverse pallet sizes
- Enhanced stability

**FOR EVERY APPLICATION THE RIGHT BATTERY CAPACITY**

- Long lasting battery capacities
- Sideways battery exchange

**ELECTRONIC PROPORTIONAL LIFTING AND LOWERING**

- Accurate lifting and lowering
- Best performance with high masts
- Optimized for specific applications
Hand Pallet Truck

Main Features
- Import Seal and chromate-treated piston rod.
- Easily steering 200°.
- Heavy duty design for moving heavy load.
- Unique hydraulic pump with less effort to lift heavy load easily.
- Conforms to CE safety standard.

Seated Type Electric Tow Tractor

Main Features
- The appearance of unique, luxury generous.
- Imported AC control technology, excellent performance, reliability, high efficiency, prolong the using time of battery, the longer service life.
- AC motor maintenance free, high speed with high torque output performance, good high speed performance, especially the electric braking performance at high speed.
- Optional EPS electric power steering system for easy to steering.
- Strong climbing ability and traction ability.
- The steering is light and flexible with automatic return, easy to deal with logistics transport narrow site.
- The tow tractor is simple and convenient to operate, and the driving is smooth and comfortable.

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<tr>
<th>Feature</th>
<th>Model 1 CLG2025MJ</th>
<th>Model 2 CLG2030MJ</th>
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<th>Model 7 CLG2060T-TS</th>
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SPECIFICATION