

Kingsman HDGD-1200Cw

Kingsman HDGD-1200Cw Electric Hoist with Wireless Trolley User Manual

Model: HDGD-1200Cw

1. IMPORTANT SAFETY INSTRUCTIONS

Read and understand all safety warnings and instructions before operating this electric hoist and trolley. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage. Keep this manual for future reference.

- **Electrical Safety:** Ensure the power supply matches the hoist's requirements (220V). Always disconnect power before performing any maintenance or adjustments.
- **Load Capacity:** Never exceed the rated load capacity of 600 kg (single line) or 990 kg (double line). Overloading can cause equipment failure and serious injury.
- **Inspection:** Before each use, inspect the hoist, cable, hooks, and trolley for any signs of wear, damage, or malfunction. Do not operate if damaged.
- **Work Area:** Keep the work area clear of obstructions and ensure adequate lighting. Keep bystanders away from the lifting operation.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety gloves and eye protection.
- **Stable Mounting:** Ensure the trolley and hoist are securely mounted to a structurally sound beam or support capable of safely handling the maximum load.
- **Wireless Remote:** Familiarize yourself with the remote control functions. Keep the remote dry and protected from impact.

2. PRODUCT OVERVIEW

The Kingsman HDGD-1200Cw is an electric hoist combined with a wireless electric trolley, designed for lifting and moving heavy loads up to 990 kg. It features a durable construction and a 20-meter steel cable for various industrial and workshop applications.



Figure 1: Kingsman HDGD-1200Cw Electric Hoist with Wireless Trolley and Remote Control. This image displays the main components: the yellow electric hoist unit, the integrated electric trolley with wheels, the steel cable, and the separate red wireless remote control unit with its receiver.

2.1 Components

- **Electric Hoist Unit:** Contains the motor, gearbox, cable drum, and lifting cable.
- **Electric Trolley:** Integrated with the hoist, allowing horizontal movement along a beam.
- **Steel Cable:** 20-meter high-strength steel cable with a hook.
- **Wireless Remote Control:** For convenient operation of both lifting/lowering and trolley movement.
- **Remote Receiver:** Connects to the hoist for wireless communication.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Kingsman

Model	HDGD-1200Cw
Lifting Capacity (Single Line)	600 kg
Lifting Capacity (Double Line)	990 kg
Cable Length	20 meters
Voltage	220V
ASIN	B07Y8TL8TM

4. SETUP AND INSTALLATION

Proper installation is crucial for safe operation. If you are unsure about any step, consult a qualified professional.

4.1 Mounting the Trolley and Hoist

1. **Select a Suitable Beam:** Choose an I-beam or H-beam that is structurally sound and rated to support the maximum intended load, including the weight of the hoist and trolley.
2. **Install Trolley:** Mount the electric trolley onto the beam. Ensure all fasteners are tightened securely according to the manufacturer's torque specifications. The trolley wheels should move smoothly along the beam without excessive play.
3. **Attach Hoist:** Securely attach the electric hoist unit to the trolley. Verify all connections are firm and locked.



Figure 2: Underside view of the Kingsman Electric Trolley mechanism. This image shows the wheels and gearing of the electric trolley, which allows the hoist to traverse along a support beam. The red box indicates the control unit for the trolley's movement.

4.2 Electrical Connection

- Connect the hoist to a dedicated 220V power supply. Ensure proper grounding.
- Verify all electrical connections are secure and insulated.

4.3 Wireless Remote Pairing

Refer to the specific instructions provided with your wireless remote control for pairing procedures. Typically, this involves powering on the hoist and remote, then pressing a combination of buttons to establish a connection.

5. OPERATING INSTRUCTIONS

Always perform a test run without a load before lifting any material.

5.1 Pre-Operation Checks

- Confirm the hoist and trolley are securely mounted.
- Inspect the steel cable for frays, kinks, or damage.
- Check the hook for deformation or cracks and ensure the safety latch operates correctly.
- Verify the wireless remote control is functioning and has sufficient battery power.

5.2 Using the Wireless Remote Control

The wireless remote typically has buttons for:

- **UP/DOWN:** To raise or lower the load.
- **LEFT/RIGHT (or FORWARD/BACKWARD):** To move the trolley along the beam.
- **STOP/EMERGENCY STOP:** To immediately halt all operations.

Operate the controls smoothly. Avoid sudden starts and stops, especially with heavy loads.

5.3 Lifting and Moving Loads

1. Attach the load securely to the hoist hook. Ensure the load is balanced.
2. Slowly raise the load a few inches to check stability and balance.
3. If stable, continue raising the load to the desired height. Keep the load as low as possible during horizontal movement.
4. Use the trolley controls to move the load horizontally to its destination.
5. Slowly lower the load to its resting place. Ensure the area is clear before setting the load down.
6. Once the load is safely placed, detach the hook.

Important: Never leave a suspended load unattended. Do not use the hoist to lift people.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Kingsman electric hoist and trolley.

- **Daily/Before Use:** Inspect the cable, hook, and safety latch. Check for loose fasteners.
- **Weekly/Monthly:** Inspect the trolley wheels and beam for wear. Check electrical cables for damage. Lubricate moving parts as recommended by the manufacturer (refer to specific product documentation for lubrication points and types).
- **Annual Inspection:** A thorough inspection by a qualified technician is recommended to check motor, gearbox, brakes, and structural integrity.
- **Cleaning:** Keep the hoist and trolley clean and free from excessive dust, dirt, and debris.

Always disconnect power before performing any maintenance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hoist does not operate	No power; Emergency stop engaged; Remote battery low; Overload protection activated.	Check power supply; Release emergency stop; Replace remote batteries; Reduce load.
Trolley does not move	No power to trolley; Obstruction on beam; Trolley motor issue.	Check power connections; Clear beam; Contact support if motor issue suspected.
Motor overheats	Continuous operation; Overloading; Insufficient ventilation.	Allow motor to cool down; Reduce load; Ensure adequate airflow around motor.
Wireless remote not responding	Low battery; Out of range; Interference; Not paired.	Replace batteries; Move closer to hoist; Check for interference sources; Re-pair remote.

For issues not listed or if problems persist, contact Kingsman customer support.

8. WARRANTY AND SUPPORT

Kingsman products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Kingsman website. For technical support, spare parts, or service inquiries, please contact Kingsman customer service through their official channels.

You can visit the Kingsman store on Amazon for more information:[Kingsman Store](#)