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› Global Industrial Heavy-Duty LED Digital Crane Scale w/Remote, 20,000 lb x 10 lb User Manual

Global Industrial B0BHTGHKS5

Global Industrial Heavy-Duty LED Digital Crane Scale User Manual

Model: B0BHTGHKS5

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of the Global Industrial Heavy-Duty LED Digital Crane Scale. This robust scale is designed for accurate weighing of oversized loads in various industrial and warehousing environments.

Key features include a durable cast aluminum housing, an easy-to-read LED display, a remote control for operation from a distance, and the ability to switch between pounds and kilograms. The scale has a maximum capacity of 20,000 lb (approximately 9,072 kg) with a 10 lb increment.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the equipment:

- Ensure the crane scale is securely attached to a suitable lifting mechanism with adequate load capacity.
- Do not exceed the maximum weight capacity of 20,000 lb (9,072 kg). Overloading can cause severe damage to the scale and pose a safety risk.
- Regularly inspect the hooks, shackles, and housing for any signs of wear, damage, or deformation before each use.
- Keep hands and body clear of suspended loads.
- Operate the remote control from a safe distance, ensuring clear line of sight to the scale display if possible.
- Do not attempt to repair or modify the scale yourself. Refer all servicing to qualified personnel.
- Protect the scale from extreme temperatures, moisture, and corrosive substances.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking:

- Global Industrial Heavy-Duty LED Digital Crane Scale (1 unit)

- Remote Control (1 unit)
- User Manual (this document)



Figure 3.1: The Global Industrial Heavy-Duty LED Digital Crane Scale, showing the main unit with its display, upper shackle, and lower hook. A remote control is included for operation.

4. SETUP

Follow these steps to prepare your crane scale for operation:

1. **Unpacking:** Carefully remove the crane scale and remote control from their packaging. Retain packaging for future storage or transport.
2. **Initial Inspection:** Visually inspect the scale for any signs of shipping damage. Check the integrity of the housing, hooks, and display.
3. **Battery Installation/Charging:** The scale's internal battery provides up to 100 hours of operation. Ensure the battery is fully charged before first use. Connect the provided charger to the scale's charging port and to a suitable

power outlet. The display will indicate charging status.

4. **Mounting:** Securely attach the upper shackle of the crane scale to your lifting equipment (e.g., crane hook, hoist). Ensure the connection point has a load capacity greater than the scale's maximum capacity and the expected load.
5. **Remote Control Setup:** The remote control is pre-paired with the scale. Ensure batteries are installed in the remote control (if applicable, typically AAA or AA batteries).



Figure 4.1: Detailed view of the crane scale's control panel, showing the LED display and buttons for Power, Units, Hold, and Tare functions.

5. OPERATING INSTRUCTIONS

This section details the basic operation of your crane scale.

5.1 Power On/Off

- **To Power On:** Press the **POWER** button on the scale or the remote control. The LED display will illuminate and perform a self-test before showing "0.0" or the last measured value.
- **To Power Off:** Press and hold the **POWER** button for a few seconds until the display turns off.

5.2 Weighing a Load

1. Ensure the scale is powered on and displaying "0.0".
2. Carefully attach the load to the lower hook of the crane scale.
3. Allow the load to stabilize. The weight will be displayed on the LED screen.
4. **Hold Function:** To lock the displayed weight value even after the load is removed, press the **HOLD** button on the scale or remote. Press again to release the hold.

5.3 Unit Conversion (Pounds/Kilograms)

The scale can display weight in both pounds (lb) and kilograms (kg).

- Press the **UNITS** button on the scale or remote control to toggle between "lb" and "kg" display modes.

5.4 Tare Function

The Tare function allows you to zero out the weight of a container or lifting accessory, so only the net weight of the item is measured.

1. Attach the empty container or accessory to the scale's hook.
2. Wait for the weight to stabilize.
3. Press the **TARE** button on the scale or remote. The display will reset to "0.0".
4. Now, place the item to be weighed inside the container. The display will show only the weight of the item.
5. To clear the Tare, remove the load and press the **TARE** button again, or power cycle the scale.

6. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your crane scale.

- **Cleaning:** Wipe the scale's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the display or button areas.
- **Battery Care:** Recharge the battery when the low battery indicator appears. For long-term storage, charge the battery to approximately 50% and store in a cool, dry place. Recharge every 3-6 months to maintain battery health.
- **Inspection:** Regularly inspect the hooks, shackles, and housing for any signs of wear, cracks, corrosion, or deformation. Pay close attention to load-bearing points.
- **Calibration:** While the scale is factory calibrated, professional recalibration may be required periodically, especially after heavy use or if accuracy issues are suspected. Contact Global Industrial support for calibration services.
- **Storage:** When not in use, store the scale in a dry, protected environment, away from direct sunlight, extreme temperatures, and excessive dust.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Scale does not power on.	Battery is depleted.	Charge the scale's battery using the provided charger.
Inaccurate weight readings.	Scale not properly zeroed; Scale needs calibration; Environmental factors (wind, vibration).	Ensure scale is stable and zeroed before weighing. Perform Tare function. If issues persist, contact support for calibration.
Remote control not working.	Remote batteries depleted; Obstruction between remote and scale; Remote out of range.	Replace remote batteries. Ensure clear line of sight. Operate within 100 feet (30 meters) range.
Display shows "OL" or "Err".	Overload condition.	Remove the load immediately. Do not exceed the 20,000 lb capacity.

8. SPECIFICATIONS

Detailed technical specifications for the Global Industrial Heavy-Duty LED Digital Crane Scale:

- **Model:** B0BHTGHKS5
- **Brand:** Global Industrial
- **Capacity:** 20,000 lb (9,072 kg)
- **Increment:** 10 lb
- **Material:** Durable Cast Aluminum Housing
- **Color:** Blue
- **Item Weight:** 70 Pounds (31.75 kg)
- **Product Dimensions (L x W x H):** 10.16" x 7.52" x 32.95" (25.8 cm x 19.1 cm x 83.7 cm)
- **Remote Control Range:** Up to 100 feet (30 meters)
- **Battery Life:** Up to 100 hours (rechargeable)
- **Country of Origin:** China



Figure 8.1: Dimensional drawing of the crane scale, indicating a width of 7.52 inches, a length of 10.16 inches, and a total height of 32.95 inches.

9. WARRANTY AND SUPPORT

The Global Industrial Heavy-Duty LED Digital Crane Scale is covered by a **1-Year Limited Warranty** from the date of purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper maintenance.

For warranty claims, technical support, or service inquiries, please contact Global Industrial customer service. Refer to the official Global Industrial website or your purchase documentation for current contact information.

