RIBAO TECHNOLOGY HCS-25

Ribao HCS-25 Coin Counter and Sorter User Manual

Model: HCS-25 | Brand: RIBAO TECHNOLOGY

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Ribao HCS-25 Coin Counter and Sorter. Please read this manual thoroughly before using the device to ensure proper function and longevity.

Figure 1.1: Ribao HCS-25 Coin Counter and Sorter

The Ribao HCS-25 is a high-speed, heavy-duty, compact, and portable coin counter and sorter designed for efficient handling of various coin denominations. It features a 2.8-inch TFT screen for clear display of

counting data and error messages.

2. SAFETY INFORMATION

- Ensure the device is connected to a power source within the specified voltage range (100V-240V).
- Do not operate the device with wet hands or in damp environments.
- Keep fingers and loose clothing away from moving parts during operation.
- Unplug the device before cleaning or performing any maintenance.
- Do not attempt to disassemble or repair the device yourself. Contact qualified service personnel for assistance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Ribao HCS-25 Coin Counter and Sorter Unit
- Power Cable
- Cleaning Brush
- User Manual
- Cotton Bag
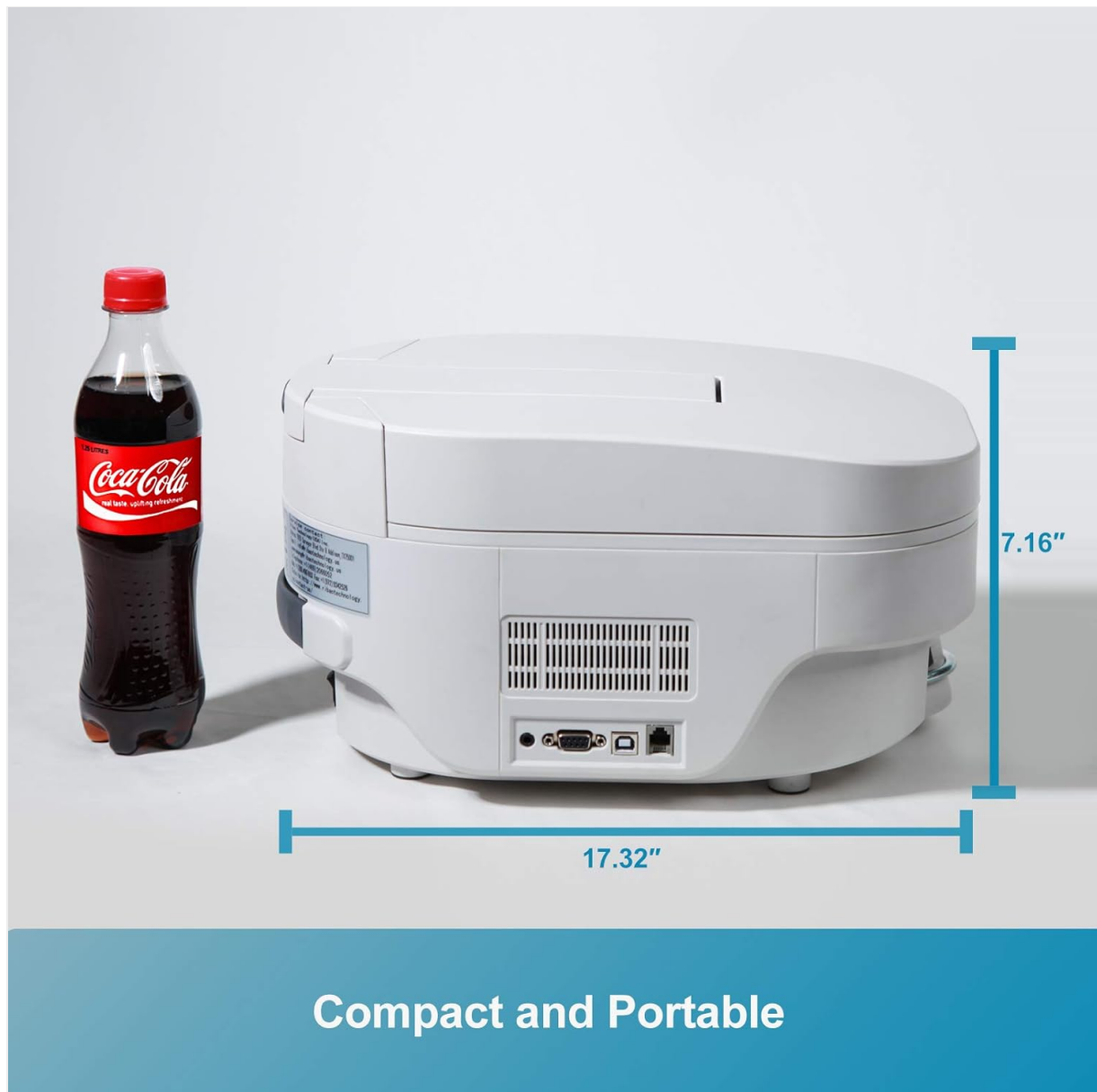- Replacement Belts
- Coin Exit Funnel
- Reject Cup

7.16″

17.32″

Compact and Portable

Figure 3.1: Included accessories and main unit

4. PRODUCT OVERVIEW

4.1 Key Features

- **Counting Speed:** Up to 3400 coins per minute.
- **Hopper Capacity:** 4000 coins (dimes).
- **Display:** 2.8-inch TFT color screen showing quantity, amount, and error messages.
- **Counting Modes:** Piece count, Value count, Adding mode, Batching mode, Memory save.
- **Coin Compatibility:** Suitable for US, Canadian, Mexican, and most international round coins or tokens with diameters between 17-30 mm and thickness between 1.8-2.8 mm.
- **Sorting Function:** Smaller coins are off-sorted to a dedicated reject cup.
- **Voltage:** Dual voltage support (100V-240V) for international use.
- **Design:** Compact and portable with a fully openable side cover for easy maintenance.

4.2 Components

Familiarize yourself with the main components of the HCS-25:

- **Hopper:** Where coins are loaded for counting.

- **Control Panel:** Features a 2.8-inch TFT screen and durable silicone buttons for operation.
- **Coin Dial:** Adjustable dial for setting coin parameters (e.g., US/CAD).
- **Reject Cup:** Collects coins that do not match the selected denomination or are smaller.
- **Side Cover:** Can be fully opened for access to internal mechanisms for cleaning.
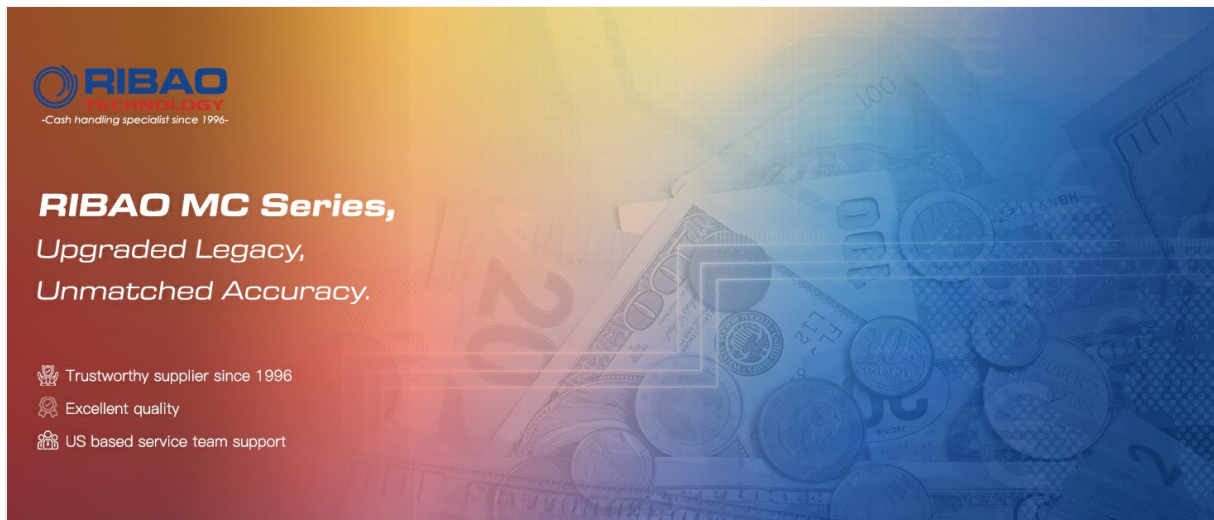- **Power Switch/Port:** Located at the rear for power connection and control.

Figure 4.1: HCS-25 with coins in the hopper

Figure 4.2: Detailed view of the 2.8-inch TFT color screen and control buttons

Count and Sort, the smaller coins will be offsorted to reject cup

Figure 4.3: Location of the reject cup for off-sorted coins

5. SETUP

1. **Unpack the Device:** Carefully remove the HCS-25 and all accessories from the packaging.
2. **Placement:** Place the coin counter on a stable, flat surface. Ensure adequate space around the device for operation and maintenance.
3. **Connect Power:** Connect the provided power cable to the power port on the rear of the device and then to a suitable electrical outlet. The HCS-25 supports 100V-240V.
4. **Install Reject Cup:** Attach the reject cup to its designated slot on the side of the machine.
5. **Adjust Coin Dial:** Before counting, adjust the coin dial according to the specific coin type you intend to count (e.g., US or Canadian coins). The dial has markings to assist with this adjustment.

It's a whole new look. It's as small as it gets
Delicate structure, easy to open

Figure 5.1: Power connection and wide voltage compatibility

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Flip the power switch located at the rear of the device to the 'ON' position to power on. The TFT screen will illuminate. To power off, flip the switch to 'OFF'.

6.2 Loading Coins

Open the top cover and place the coins into the hopper. Ensure coins are not excessively stacked to prevent jams. Close the top cover before starting the count.

6.3 Counting Modes

The HCS-25 offers several counting modes:

- **Piece Count:** Counts the total number of coins.
- **Value Count:** If a denomination is selected, the machine calculates and displays the total monetary amount.
- **Adding Mode:** Accumulates counts from multiple batches.
- **Batching Mode:** Counts coins into pre-set quantities.
- **Memory Save:** Saves accumulated counts.

6.4 Selecting Denomination (Value Count)

To use Value Count mode, select the desired coin denomination using the control panel buttons. The screen will display the selected denomination.

6.5 Setting Batch Quantity

In Batching Mode, use the numeric keypad to enter the desired batch quantity. The machine will pause counting once the set quantity is reached.
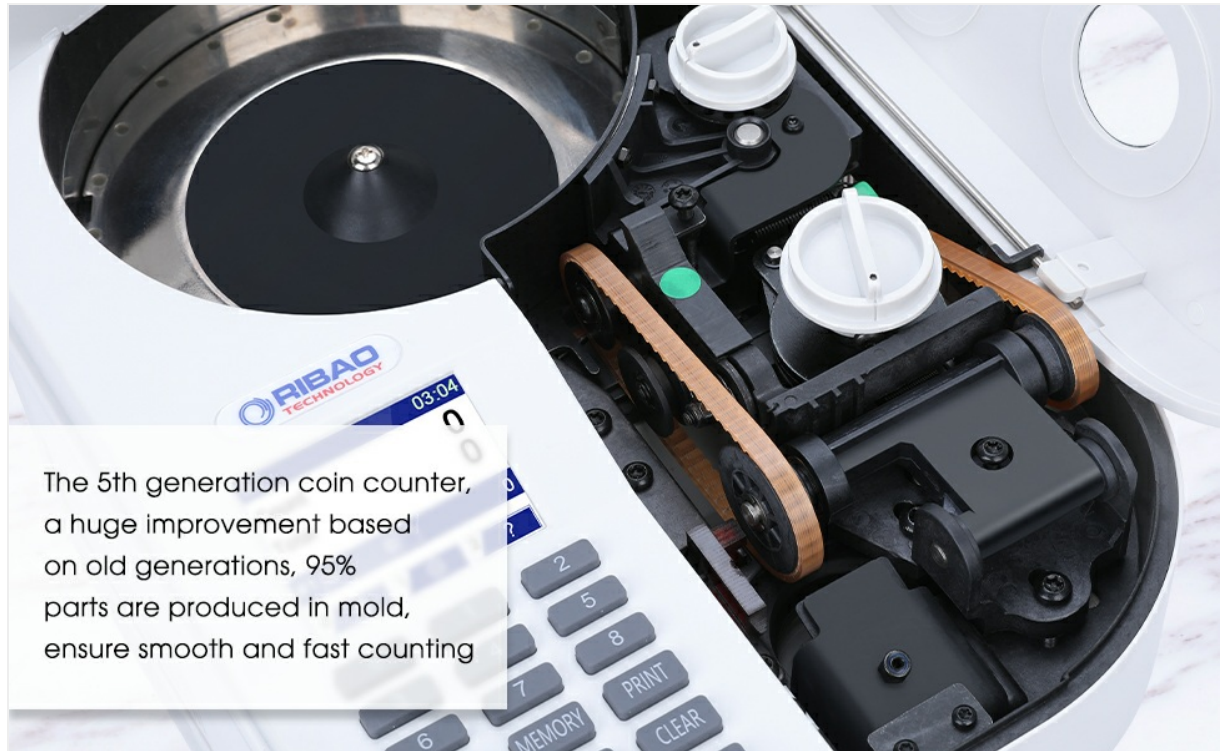
6.6 Starting and Stopping Count

Press the **START/STOP** button to begin counting. Press it again to pause or stop the counting process.

6.7 Clearing Counts

Press the **CLEAR** button to reset the current count on the display.

6.8 Sorting Function

The HCS-25 automatically sorts smaller coins into the reject cup. When counting mixed coins, it is recommended to count from larger denominations to smaller ones sequentially to optimize sorting accuracy.

The 5th generation coin counter, a huge improvement based on old generations, 95% parts are produced in mold, ensure smooth and fast counting

Figure 6.1: Internal rotating disk mechanism for high-speed counting

7. MAINTENANCE

7.1 Regular Cleaning

To ensure optimal performance and prevent coin jams, regular cleaning is essential.

1. **Power Off and Unplug:** Always turn off the device and unplug it from the power source before cleaning.
2. **Open Side Cover:** The side cover of the HCS-25 can be fully opened to provide easy access to the internal mechanisms.
3. **Remove Dust and Debris:** Use the provided cleaning brush or a soft, dry cloth to remove any dust, lint, or coin residue from the hopper, counting mechanism, and coin pathways.
4. **Clean Sensors:** Gently wipe any visible sensors to ensure accurate counting.
5. **Close Cover:** Once cleaning is complete, securely close the side cover.

RIBAO TECHNOLOGY

FRAGILE
HANDLE WITH CARE
Model: HCS-25
G.W:8.8KG
Voltage:100V-240V
LxWxH:412×310×275MM

HCS-25
High Speed Coin Counter

HCS-25 ✔

High Speed Coin Counter
HCS-25
User Manual

Power Cable ✔   **Brush** ✔   **User Manual** ✔

Cotton bag ✔   **Belts** ✔   **Coin exit** ✔   **Reject cup** ✔

Figure 7.1: Fully openable side cover for easy cleaning and maintenance

Suitable for counting 95% round coins and tokens in the market, suitable to use in bank, parking lot, laundry, casinos. Etc

Supports 17-30 mm diameter

17mm

30mm

| USD | CAD | MXN | PEN | UYU |
| CLP | CRC | BRL | ARS | GBP |

Supports 1.8-2.8 mm Thickness

1.8mm

2.8mm

100 Chips

25 Laundry token

Figure 7.2: View of the internal mechanism with the side cover open

8. TROUBLESHOOTING

If you encounter issues with your HCS-25, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not power on	Power cable not connected; Power switch off; No power from outlet	Check power cable connection; Ensure power switch is ON; Test outlet with another device
Coins not counting or jamming	Coin pathway blocked; Hopper overloaded; Incorrect coin dial setting; Worn belts	Clean coin pathways; Do not overload hopper; Adjust coin dial; Replace belts if worn (refer to maintenance)
Inaccurate counts	Dirty sensors; Incorrect coin dial setting; Mixed coins counted improperly	Clean sensors; Verify coin dial setting; Count mixed coins from larger to smaller denominations
Error message on screen	Specific operational issue	Refer to the specific error code displayed on the screen for detailed instructions. Generally, clear coins and restart.

If the issue persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

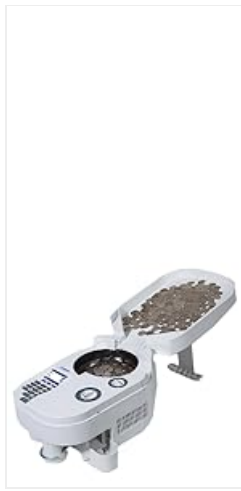| Feature	Specification
Model	HCS-25
Counting Speed	Up to 3400 coins/minute
Hopper Capacity	4000 coins (dimes)
Coin Diameter Range	17-30 mm
Coin Thickness Range	1.8-2.8 mm
Display	2.8-inch TFT Color Screen
Voltage	100V-240V
Item Weight	21.7 pounds
Package Dimensions	16.5 x 12.5 x 11.5 inches

Figure 9.1: Supported coin dimensions and currencies
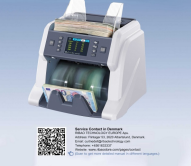

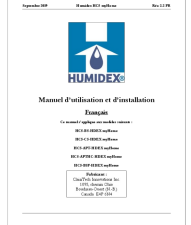**Fully openable side cover, easy for clean and maintenance**

Figure 9.2: Compact dimensions of the HCS-25

10. WARRANTY AND SUPPORT

The Ribao HCS-25 Coin Counter and Sorter comes with a **two-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any operational questions, please contact RIBAO

TECHNOLOGY customer service via email. We aim to respond to all inquiries within 12 hours.

Related Documents - HCS-25

COIN SORTER **CS-610S+PRO** **Operation Manual**	[CS-610S+PRO Coin Sorter Operation Manual](#) Operation manual for the Ribao CS-610S+PRO coin sorter, detailing its specifications, functions, operating procedures, key panel functions, system settings, troubleshooting, and maintenance.
VALUE COUNTER BC-40 USER MANUAL	[RIBAO BC-40 Value Counter User Manual: Operation, Features, and Troubleshooting](#) Comprehensive user manual for the RIBAO BC-40 Value Counter. Covers operation, counting modes, counterfeit detection, cleaning, error codes, and technical specifications for efficient banknote processing.
TAIDEN	[TAIDEN HCS-5300/80](#) TAIDEN HCS-5300/80
TAIDEN New Generation Digital Infrared Wireless Conference System	[TAIDEN HCS-5300/80 Series Digital Infrared Wireless Conference System Installation and Operating Manual](#) This manual provides a comprehensive guide to the installation and operation of TAIDEN's New Generation Digital Infrared Wireless Conference System. It details system components, setup, connection, configuration, and troubleshooting for various models.
HUMIDEX Manuel d'utilisation et d'installation Français	[Manuel d'utilisation et d'installation Humidex HCS myHome](#) Guide complet pour l'installation, le fonctionnement, l'entretien et le dépannage des systèmes Humidex HCS myHome, HCS-BS, HCS-CS, HCS-BSF, HCS-APT, HCS-APTHC. Inclut les spécifications techniques et les conseils de sécurité.

[TAIDEN HCS-8316 Series Encoder: Installation and Operation Manual](#)
Comprehensive guide for installing and operating the TAIDEN HCS-8316 Series Encoder, covering safety, panel descriptions, connections, settings, and technical specifications for conference systems.