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› Royal Sovereign FS-550D Electric Coin Counter/Sorter Instruction Manual

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Royal Sovereign FS-550D Electric Coin Counter/Sorter Instruction Manual

Model: FS-550D | Brand: Royal Sovereign

1. INTRODUCTION

The Royal Sovereign FS-550D 1 Row Electric Coin Counter/Sorter is designed for efficient and accurate automatic coin sorting and counting. This device features patented anti-jam technology and a digital display for clear operation. It is suitable for handling various coin denominations, providing a convenient solution for managing loose change.

Key Features:

- **High Speed:** Sorts up to 156 coins per minute.
- **High Volume:** Large hopper capacity holds up to 200 coins.
- **Patented Anti-Jam Technology:** Automatically adjusts the motor to prevent coin jams, ensuring smooth operation.
- **Digital Display:** LCD screen shows total coin count and total value by denomination.
- **Overflow Tray:** Collects spilled change for easy cleanup.

2. SAFETY INFORMATION

Please read all instructions carefully before operating the Royal Sovereign FS-550D. Retain this manual for future reference.

- Ensure the device is placed on a stable, level surface.
- Keep hands and foreign objects away from the coin hopper and sorting mechanism during operation.
- Do not insert foreign objects, including paper clips, staples, or damaged coins, into the machine.
- Unplug the device from the power outlet before cleaning or performing any maintenance.
- Keep the device away from water or other liquids.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

- Royal Sovereign FS-550D Coin Counter/Sorter Unit
- Coin Collection Bins (for each denomination)

- Preformed Coin Wrappers (starter pack)
- Power Adapter
- Instruction Manual

4. SETUP

1. **Unpack the Unit:** Carefully remove the coin counter from its packaging.
2. **Place on a Stable Surface:** Position the unit on a flat, stable surface.
3. **Connect Power:** Plug the power adapter into the unit's power port and then into a standard electrical outlet.
4. **Insert Coin Collection Bins/Wrappers:**
 - Pull the overflow tray forward.
 - For direct collection, ensure the provided coin collection bins are securely placed under each denomination slot.
 - For coin wrapping, insert preformed coin wrappers into the designated slots. The machine is designed to fill these wrappers directly.



Figure 1: Front view of the Royal Sovereign FS-550D with coin wrappers in place, ready for operation.

5. OPERATING INSTRUCTIONS

1. **Turn On:** Locate the power switch on the back of the unit and flip it to the 'ON' position. The digital display will illuminate.
2. **Load Coins:** Gently pour a handful of mixed coins into the top hopper. Avoid overfilling the hopper to prevent jams.
3. **Start Sorting:** Press the **START/STOP** button on the control panel. The machine will begin sorting and counting the coins.
4. **Monitor Display:** The LCD display will show the total number of coins counted and the total monetary value. It also provides a breakdown by denomination.
5. **Handle Full Wrappers/Bins:** When a coin wrapper or collection bin is full, the machine will automatically pause. Remove the full wrapper/bin and replace it with an empty one. Press **START/STOP** to resume sorting.
6. **Setting Batch Counts (if desired):** Use the **SET** and **+/-** buttons to program specific batch counts for each denomination. The machine will pause once the set count is reached.
7. **Stop Sorting:** To stop the sorting process at any time, press the **START/STOP** button.
8. **Clear Count:** To reset the count on the display, press the **CLEAR** button.



Figure 2: Mixed coins in the hopper, ready for sorting.



Figure 3: Digital display showing the total value and count of sorted coins.

Video 1: Demonstration of the Royal Sovereign FS-500 (similar model to FS-550D) coin sorter in action, showing the sorting process and handling of coin wrappers.

6. MAINTENANCE

- **Cleaning:** Regularly clean the coin hopper and sorting mechanism with a soft, dry cloth. Ensure no dust or debris accumulates, which could affect performance.
- **Clearing the Overflow Tray:** Periodically empty the overflow tray to prevent buildup.
- **Storage:** When not in use, store the coin counter in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

- **Coin Jam:** If coins jam, the patented anti-jam technology should help. If a persistent jam occurs, turn off the unit, unplug it, and carefully remove any lodged coins from the sorting mechanism.
- **Inaccurate Count:** Ensure coins are clean and free of debris. Avoid overfilling the hopper. If issues persist, refer to the full user manual for detailed calibration instructions.
- **Unit Not Powering On:** Check that the power adapter is securely connected to both the unit and a working electrical outlet. Ensure the power switch on the back is in the 'ON' position.

8. SPECIFICATIONS

Model Number	FS-550D
Brand	Royal Sovereign
Dimensions	8.4 x 7.1 x 9 inches
Item Weight	3.8 pounds
Material Type	Plastic
Hopper Capacity	Up to 200 coins
Sorting Speed	Up to 156 coins per minute

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Royal Sovereign website. Keep your purchase receipt as proof of purchase for warranty claims.

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