

## SHIOUCY MT-50

# SHIOUCY MT-50 Semi-Automatic Round Bottle Labeling Machine User Manual

Model: MT-50

## 1. INTRODUCTION

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This manual provides instructions for the safe and efficient operation, setup, and maintenance of the SHIOUCY MT-50 Semi-Automatic Round Bottle Labeling Machine. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent damage or injury.

The MT-50 is designed for applying self-adhesive labels to round bottles and containers. It is suitable for use in light industries such as food, beverages, cosmetics, and pharmaceuticals, where efficient and accurate labeling is required.



Figure 1: Overview of the SHIOUCY MT-50 Semi-Automatic Round Bottle Labeling Machine.

## 2. SAFETY INSTRUCTIONS

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Always observe the following safety precautions to reduce the risk of injury or damage to the machine:

- Ensure the machine is placed on a stable, level surface.
- Connect the machine to a grounded power outlet with the correct voltage (220V, 50Hz).
- Do not operate the machine with wet hands or in damp environments.
- Keep hands and loose clothing away from moving parts during operation.
- Disconnect power before performing any maintenance, cleaning, or adjustments.
- Do not attempt to modify the machine. Use only original replacement parts.
- In case of malfunction, switch off the machine immediately and disconnect from power.

## 3. PACKAGE CONTENTS

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Verify that all components are present upon unpacking:

- SHIOUCY MT-50 Labeling Machine
- Power Cable
- Hex Wrenches (various sizes)
- Screwdriver
- Spare Parts (e.g., screws, micro switch)
- User Manual



Figure 2: The SHIOUCY MT-50 machine with its included accessories and user manual.

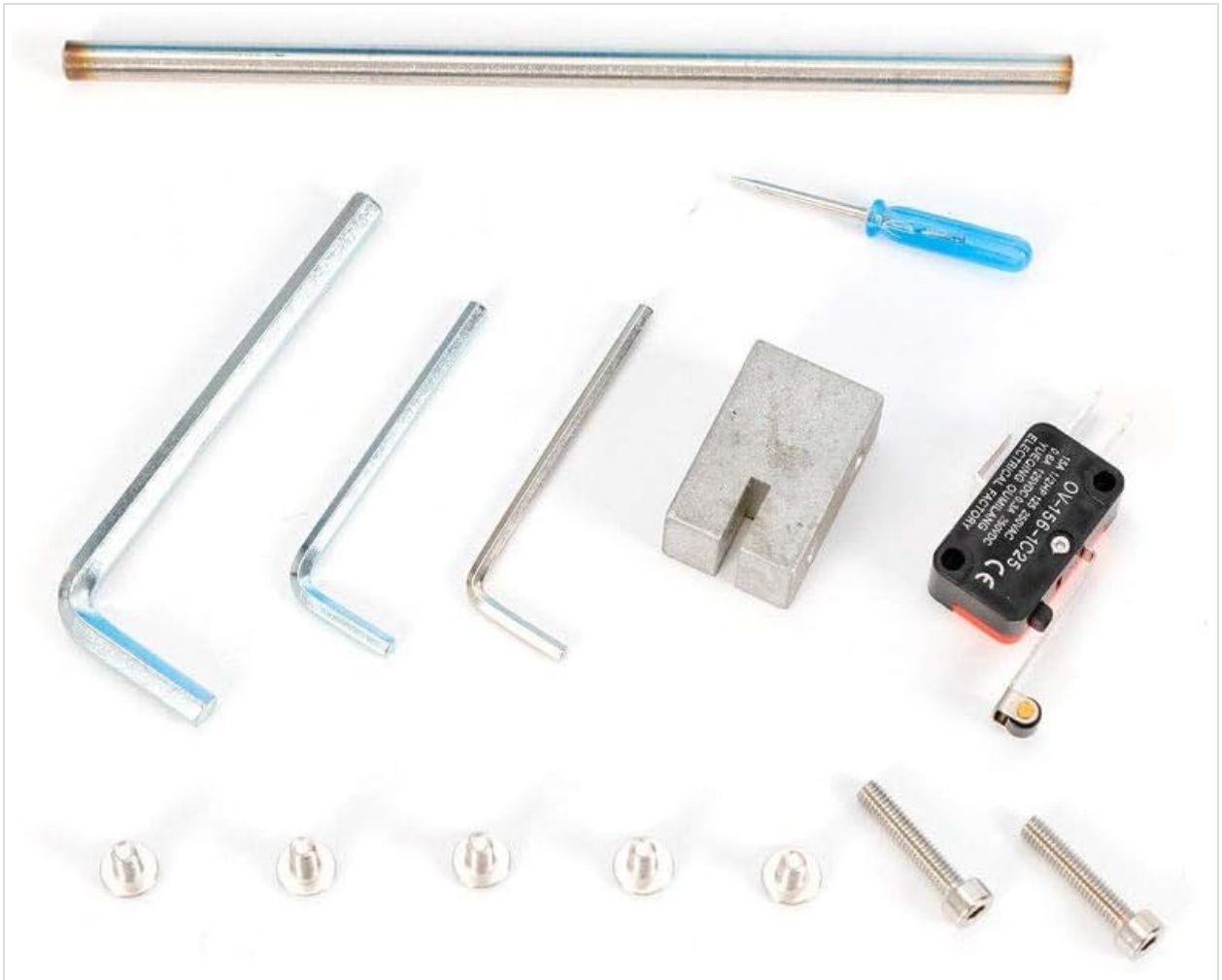


Figure 3: Close-up of the included hex wrenches, screwdriver, and spare parts.



Figure 4: The power cable supplied with the SHIOUCY MT-50.

## 4. SETUP

### 4.1 Placement

Place the labeling machine on a stable, flat, and dry surface. Ensure there is sufficient space around the machine for operation and maintenance.

## 4.2 Power Connection

Connect the provided power cable to the machine's power inlet and then to a suitable 220V, 50Hz grounded power outlet. The power switch is located next to the power inlet.



Figure 5: Power inlet and ON/OFF switch location.

## 4.3 Loading Labels

1. Place the label roll onto the label dispenser spindle. Ensure the label roll's inner diameter (75 mm) matches the spindle and the outer diameter (max 250 mm) fits within the machine's capacity.
2. Thread the label strip through the designated guides and rollers as shown in the diagram (refer to machine diagram for specific path).

3. Ensure the labels are aligned correctly and tensioned appropriately to prevent wrinkling or misalignment during operation.

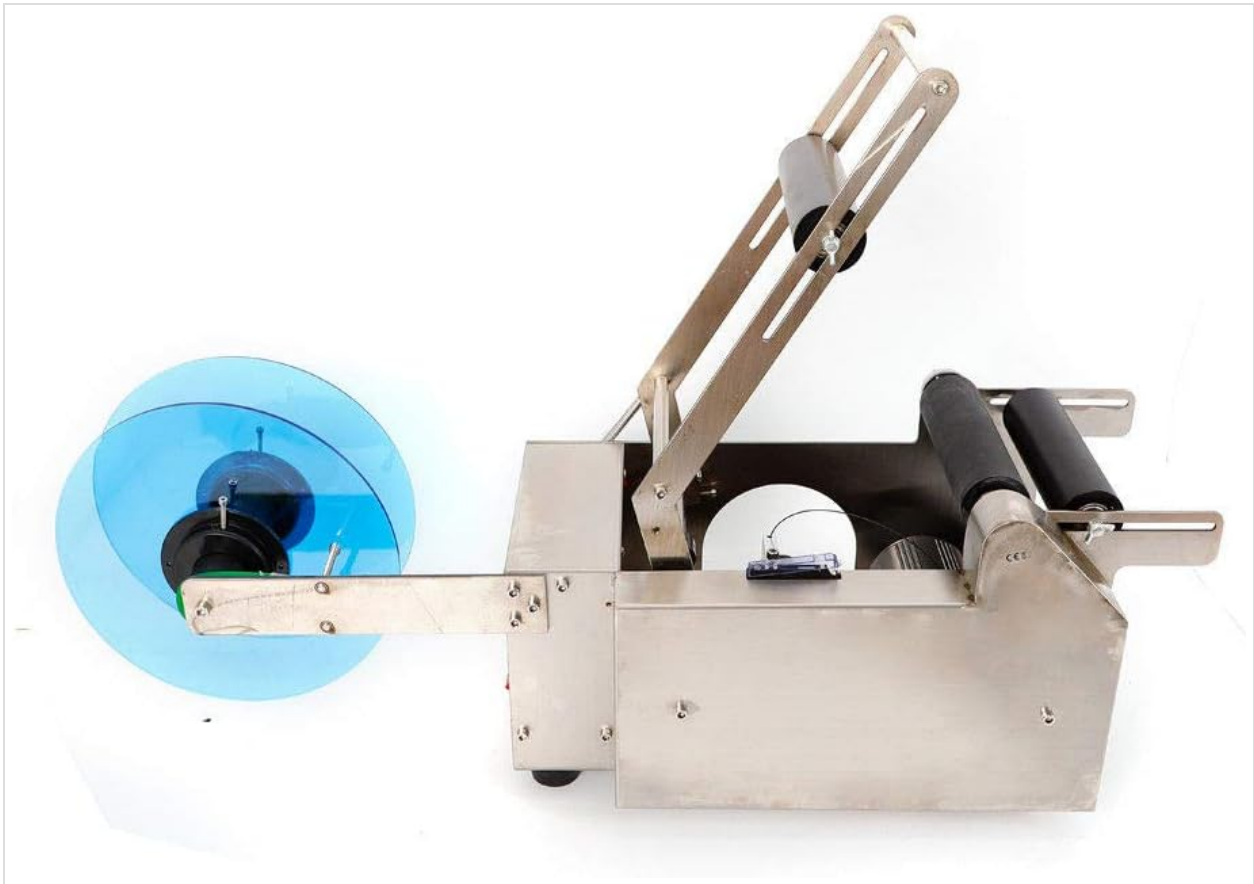


Figure 6: Correct placement of the label roll on the machine.

## 4.4 Adjusting for Bottle Size

The machine can accommodate bottles with diameters ranging from 12 mm to 90 mm. Adjust the bottle support and labeling mechanism to match the diameter of your bottles. Use the provided hex wrenches for adjustments.

- Loosen the adjustment screws for the bottle guides.
- Position the guides to securely hold the bottle in place without excessive pressure.
- Tighten the adjustment screws.
- Perform a test run with an empty bottle to verify proper alignment and smooth rotation.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

1. Ensure the machine is properly set up and labels are loaded.
2. Turn on the power switch.
3. Place a round bottle into the designated labeling position, ensuring it is seated correctly against the guides.
4. Activate the labeling process (e.g., by pressing a foot pedal or activation button, if applicable, or by manual initiation as per machine design).
5. The machine will apply the label to the bottle.

6. Remove the labeled bottle and repeat the process for subsequent bottles.

## 5.2 Adjusting Labeling Speed and Accuracy

The machine operates at a labeling speed of approximately 50 pieces per minute with an accuracy of +/- 0.5 mm. Specific controls for speed adjustment may be present on the control panel. Refer to the control panel interface for detailed speed and accuracy fine-tuning options.

Adjustable bottle labeling allows for different labeling positions before and after the parts, ensuring flexibility for various product designs. The labeling effect is designed to be free of bubbles and wrinkles, enhancing product presentation.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your labeling machine.

### 6.1 Cleaning

- **Daily:** Wipe down the exterior surfaces with a soft, dry cloth. Remove any label residue or dust.
- **Weekly:** Clean the label path and rollers to prevent adhesive buildup. Use a mild cleaning solution if necessary, applied to a cloth, not directly to the machine.
- **Important:** Always disconnect power before cleaning. Do not use abrasive cleaners or solvents.

### 6.2 Lubrication

Periodically check moving parts for smooth operation. Apply a small amount of machine oil to pivot points and gears as recommended in the detailed maintenance schedule (if provided separately) to ensure smooth movement and reduce wear.

### 6.3 Component Inspection

Regularly inspect the following components for wear or damage:

- Label rollers and guides
- Power cable for any fraying or damage
- Switches and control buttons
- Bottle support mechanisms

Replace any worn or damaged parts immediately. Contact customer support for genuine replacement parts.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with the SHIOUCY MT-50 labeling machine.

Problem	Possible Cause	Solution
Machine does not power on	Power cable not connected Power switch is OFF No power from outlet Blown fuse	Check power cable connection Turn power switch ON Test outlet with another device Replace fuse (if accessible and safe to do so)

Problem	Possible Cause	Solution
Labels are not applying correctly (wrinkles, bubbles)	Incorrect label tension Improper bottle alignment Label path obstruction	Adjust label roll tension Re-align bottle guides Check label path for debris or misalignment
Labels are misaligned on the bottle	Bottle not seated correctly Label roll not aligned Bottle guides loose	Ensure bottle is firmly in place Adjust label roll position Tighten bottle guides
Machine makes unusual noise	Lack of lubrication Loose components Foreign object	Lubricate moving parts Inspect and tighten any loose screws Turn off and inspect for foreign objects

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

## 8. SPECIFICATIONS

Parameter	Value
Product Model	MT-50
Material	Stainless Steel
Voltage	220 V
Frequency	50 Hz
Motor Power	120 W
Applicable Bottle Diameter	12 - 90 mm
Label Roll Outer Diameter	250 mm
Label Roll Inner Diameter	75 mm
Label Thickness	≤ 5 cm
Labeling Speed	50 pcs/min
Labeling Accuracy	± 0.5 mm (0.02")
Machine Dimensions (L x W x H)	64 x 35 x 46 cm
Net Weight	25 kg

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact SHIOUCY customer service. Keep your purchase receipt as proof of purchase.

The manufacturer selects brand electronic components and sensors for stable performance and modular construction, facilitating convenient maintenance and lower repair costs.