RBAYSALE LY988

User Manual

RBAYSALE 5-inch LCD Display Cold and Hot Webbing Cutting Machine

Model: LY988

1. Introduction

Thank you for choosing the RBAYSALE 5-inch LCD Display Cold and Hot Webbing Cutting Machine. This advanced machine is designed for precise and efficient cutting of various materials, including elastic bands, ribbons, nylon webbing, shoelaces, zippers, and other similar materials. Featuring both cold and hot cutting capabilities, a user-friendly 5-inch LCD display, and robust construction, it ensures high accuracy and durability for your cutting needs. Please read this manual thoroughly before operation to ensure safe and optimal performance.

2. Safety Instructions

To prevent injury or damage to the machine, always adhere to the following safety guidelines:

- **Electrical Safety:** Ensure the machine is connected to a grounded power outlet (110V rated voltage). The grounding plug has a built-in fuse for protection. Do not operate with damaged cords or plugs.
- **Temperature Control:** When using the hot cutting function, allow 2-3 minutes for preheating. The maximum temperature can reach 350 degrees Celsius. Avoid touching hot surfaces.
- **Operating Environment:** Operate the machine at room temperature. Prolonged operation at temperatures exceeding 80 degrees Celsius can affect performance and potentially damage the machine.
- **Moving Parts:** Keep hands, hair, and loose clothing away from moving parts during operation.
- **Blade Safety:** The machine uses high-quality, thick (14MM) knives. Exercise caution when handling or cleaning the blades.
- **Automatic Stop:** The machine is equipped with an automatic alarm and stop function upon completion of cutting. Do not attempt to override this safety feature.
- **Ventilation:** Ensure adequate ventilation around the machine, especially when using the hot cutting function, as it is equipped with large cooling fans.

3. Product Overview

3.1. Key Features

- **Dual Cutting Modes:** Supports both cold and hot cutting functions to accommodate various material types and desired edge finishes.
- **High Precision:** Material is fed by a synchronous wheel, ensuring cutting accuracy with an error margin within 0.1mm for inelastic materials.
- **Efficient Operation:** Capable of cutting multiple strips simultaneously, significantly saving time.
- **Intuitive LCD Display:** A large 5-inch LCD display provides clear readability and easy navigation through micro-computer controlled settings.
- **Durable Blades:** Equipped with high-quality, 14MM thick knives designed for repeated use and long service life.
- **Rapid Heating:** Heats up quickly, reaching a maximum temperature of 350 degrees Celsius for effective hot cutting.
- **Enhanced Cooling:** Multiple super-large cooling fans reduce machine temperature, allowing for extended hot cutting operations.

3.2. Components

Familiarize yourself with the main components of your webbing cutting machine:



Figure 3.2.1: Overall view of the RBAYSALE Webbing Cutting Machine, showing the main body, control panel, and material reel.

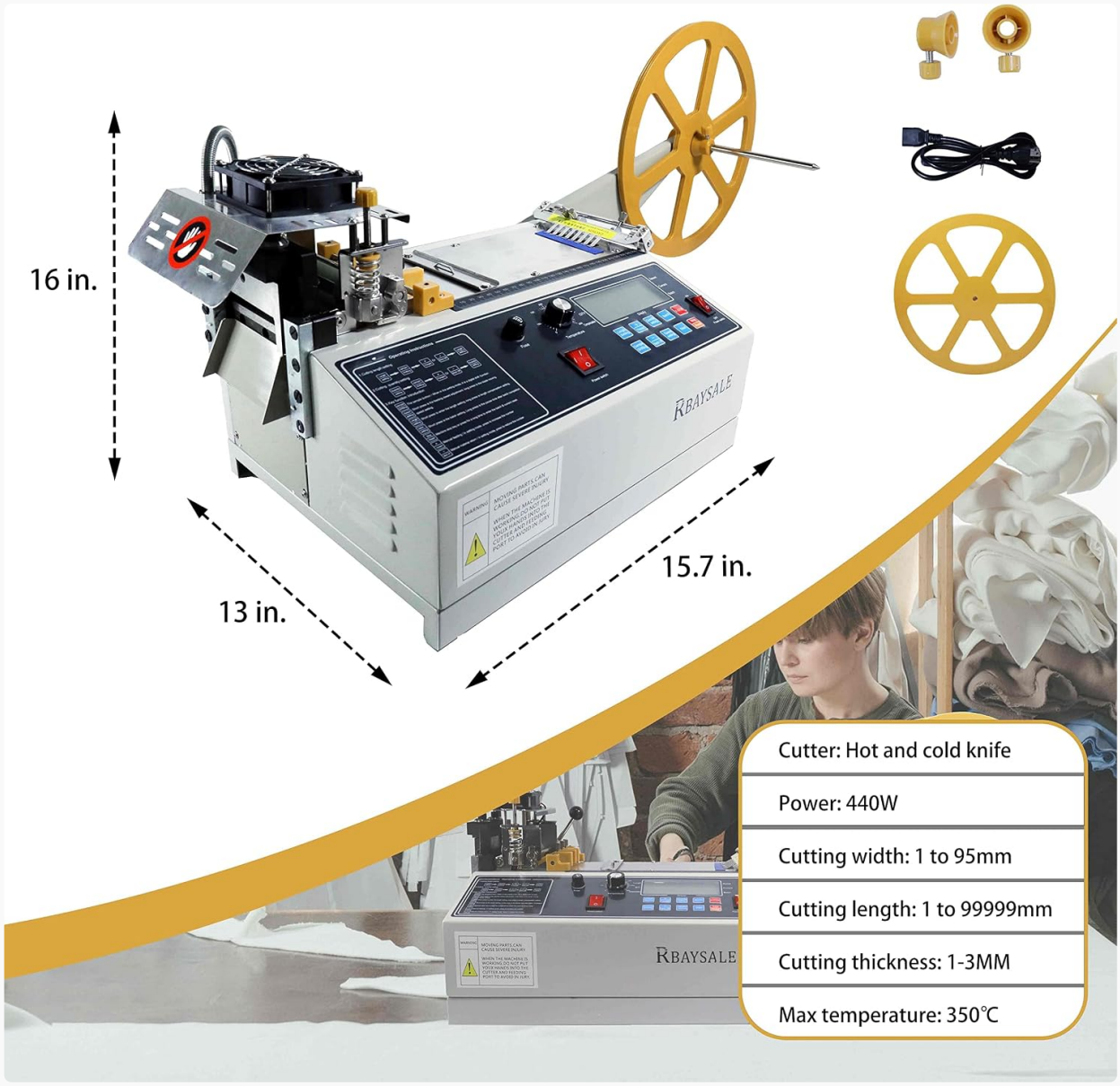


Figure 3.2.2: The machine with key dimensions indicated: approximately 16 inches high, 13 inches deep, and 15.7 inches wide.

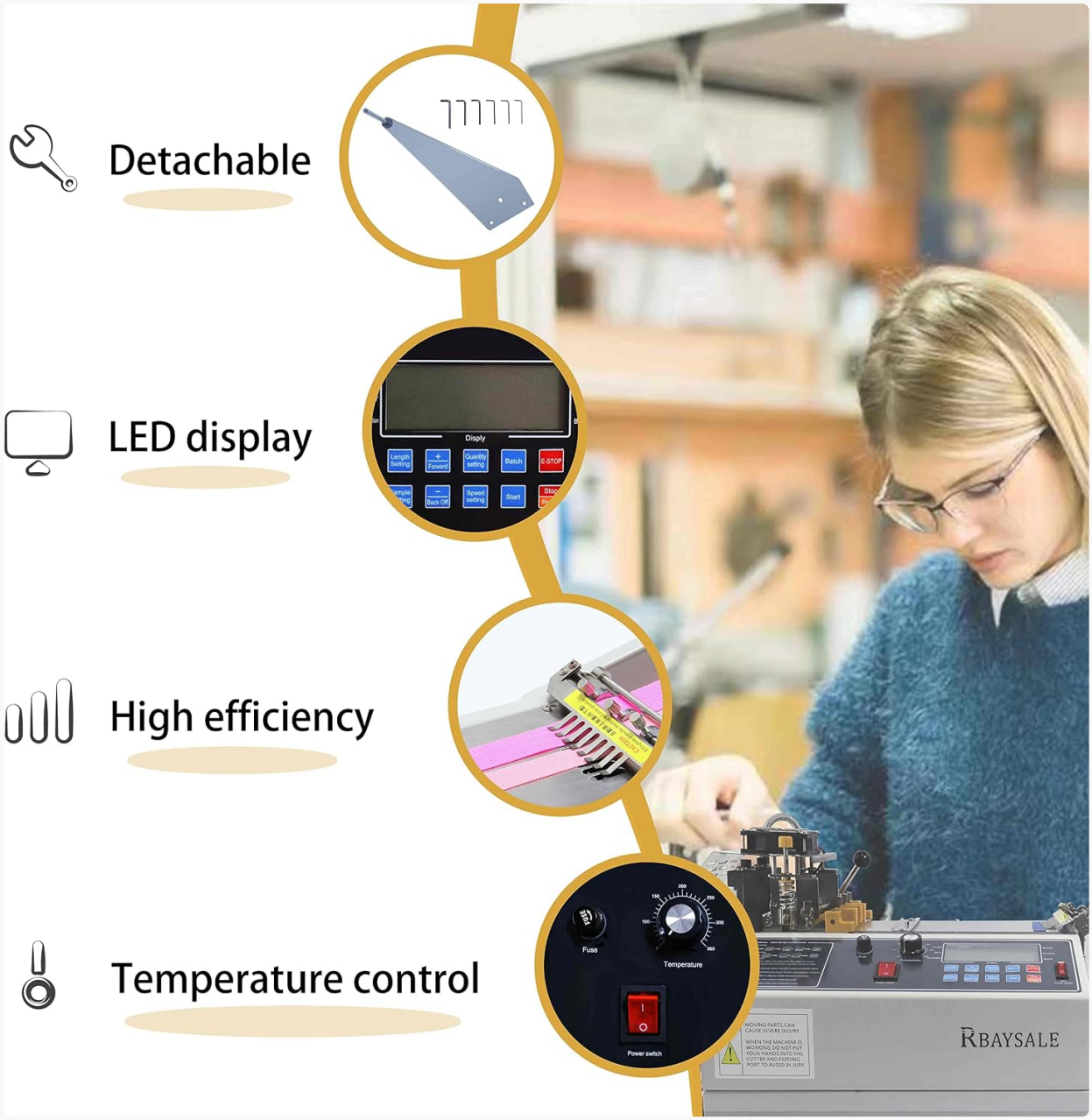


Figure 3.2.3: Illustrates key features including the detachable cutting mechanism, LED display, high-efficiency operation, and temperature control knob.



Figure 3.2.4: A closer look at the control panel with LCD display, buttons for length and quantity settings, the temperature control knob, power switch, and internal cooling fan.

4. Setup

Follow these steps to set up your webbing cutting machine:

1. **Unpacking:** Carefully remove the machine from its packaging. Inspect for any visible damage.
2. **Placement:** Place the machine on a stable, level surface in a well-ventilated area, away from direct sunlight or excessive heat sources. Ensure sufficient space around the machine for operation and cooling.
3. **Power Connection:** Connect the power cord to the machine and then plug it into a standard 110V grounded electrical outlet.
4. **Material Reel Installation:** If not already installed, attach the material reel holder to the designated slot at the back of the machine. Place your material roll onto the reel.
5. **Material Feeding:** Carefully feed the webbing or material through the guiding mechanism and into the cutting area, ensuring it is aligned properly.

5. Operating Instructions

This section details the steps for operating your webbing cutting machine.

5.1. Basic Operation

1. **Power On:** Turn on the main power switch, usually located on the front panel. The LCD display will illuminate.
2. **Setting Cutting Length:** Use the 'Length Setting' buttons (+/-) on the control panel to input the desired cutting length in millimeters. The value will be displayed on the LCD.
3. **Setting Quantity:** Use the 'Quantity Setting' buttons (+/-) to input the number of pieces you wish to cut.
4. **Selecting Cutting Mode (Cold/Hot):**
    - **For Hot Cutting:** Turn on the temperature control switch. Allow 2-3 minutes for the blade to preheat to the set temperature. The temperature can be adjusted using the temperature knob.
    - **For Cold Cutting:** Ensure the temperature control switch is turned off. No preheating is required.



Figure 5.1.1: Visual representation of the cold and hot cutting functions, controlled by the temperature switch.

5. **Start Cutting:** Press the 'Start' button to begin the cutting process. The machine will automatically feed the material and cut according to your settings.
6. **Monitoring:** The LCD display will show the current cutting progress, including the number of pieces cut.
7. **Completion:** Once the set quantity is reached, the machine will automatically alarm and stop.
8. **Emergency Stop:** In case of any emergency, press the 'E-STOP' button to immediately halt all operations.

5.2. Adjusting Pressure (for material feeding)

The machine contains a pressure regulating device. This can be loosened or tightened to optimize material feeding based on the thickness and type of material. Adjust as needed to ensure smooth and consistent feeding without slippage or excessive pressure.

5.3. Application Examples

The RBAYSALE Webbing Cutting Machine is versatile and can be used for a wide range of materials and applications:



Figure 5.3.1: Examples of materials that can be cut, including zippers, ribbons, and self-adhesive tapes.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your machine:

- **Cleaning:** Regularly clean the cutting area and material path to remove any debris, dust, or material residue. Use a soft, dry cloth. Ensure the machine is powered off and unplugged before cleaning.
- **Blade Inspection:** Periodically inspect the cutting blade for sharpness and damage. While the blades are designed for repeated use, they may eventually require sharpening or replacement.
- **Cooling Fans:** Ensure the cooling fan vents are clear of obstructions to allow for proper airflow and prevent overheating.
- **General Check:** Routinely check all screws and connections to ensure they are secure.

7. Troubleshooting

This section provides solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Machine does not power on.	No power supply; power cord loose; fuse blown.	Check power connection; ensure outlet is active; inspect power cord; check and replace fuse if necessary.
Inaccurate cutting length.	Incorrect length setting; material slippage; worn synchronous wheel.	Verify length setting on LCD; adjust pressure regulating device; inspect synchronous wheel for wear.
Hot cutting not effective / burrs.	Insufficient preheating time; incorrect temperature setting; worn blade.	Allow 2-3 minutes for preheating; increase temperature setting; inspect and replace blade if dull.
Machine overheats.	Blocked cooling vents; prolonged operation at high temperature.	Ensure cooling vents are clear; allow machine to cool down if operating continuously for extended periods.

Problem	Possible Cause	Solution
Material not feeding smoothly.	Material jammed; pressure regulating device too loose/tight.	Clear any obstructions in the material path; adjust the pressure regulating device.

8. Technical Specifications

Specification	Detail
Model	LY988
Knife Type	Hot and Cold Knife
Cutting Width	1-103mm
Cutting Length	1-99999mm
Truncation Speed	1-120 pieces/minute
Rated Voltage	110V
Power	440W
Maximum Temperature	350°C (662°F)
Product Size (L*W*H)	400*310*310mm (approx. 15.7 x 12.2 x 12.2 inches)
Net Weight	26KG (approx. 57.3 lbs)
Material	Stainless Steel (blade), Nylon (handle)
UPC	760646350586

9. Warranty Information

This product comes with a 90-day warranty from the date of purchase. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

10. Customer Support

For any questions, technical assistance, or support regarding your RBAYSALE Webbing Cutting Machine, please contact RBAYSALE customer service. You can also visit the official RBAYSALE store for more information and resources: RBAYSALE Store on Amazon.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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