RBAYSALE XL-988

Webbing Cutting Machine Instruction Manual

Model: XL-988
Brand: RBAYSALE

1. Introduction

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of the RBAYSALE Automatic Hot and Cold Webbing Cutting Machine, Model XL-988. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent damage or injury.
The RBAYSALE Webbing Cutting Machine is designed for precise and efficient cutting of various materials, including nylon webbing, Velcro, zipper belts, elastic bands, and shoelaces. It features automatic control, high cutting precision, and safety mechanisms.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent accidents and ensure safe operation:

- Ensure the machine is properly grounded to prevent electrical leakage. The grounding plug has a built-in fuse for added safety.
- Do not operate the machine with wet hands or in damp environments.
- Keep hands and loose clothing away from moving parts, especially the cutting blade, during operation.
- Always disconnect power before performing any maintenance, cleaning, or adjustments.
- Use appropriate personal protective equipment (PPE) such as safety glasses.
- Ensure adequate ventilation around the machine, especially during hot cutting operations.
- Do not attempt to cut materials exceeding the specified thickness (1-3mm) or width (95mm).
- In case of an automatic alarm (material cutting out), stop the machine immediately and investigate the cause.



Figure 2.1: RBAYSALE Automatic Hot and Cold Webbing Cutting Machine. This image shows the overall view of the machine, highlighting its compact design and control panel.

3. Product Components and Features

The RBAYSALE Webbing Cutting Machine consists of several key components designed for efficient and precise operation:

- **Control Panel:** Features an LCD display screen, length/number setting buttons, speed adjustment, and start/stop controls.
- **Cutting Blade:** Made of Japan imported white steel, ensuring sharpness, high temperature resistance, and wear resistance.
- **Heating Pipe:** Used for hot cutting applications, particularly for nylon belts to seal edges.
- **Feeding Arm & Clamp Plate:** Guides the material smoothly into the cutting area.
- **Cooling Fan:** An ultra-large fan ensures continuous operation by dissipating heat, especially during hot cutting.
- **Alarm System:** Automatically stops the machine and alerts the user when material runs out.

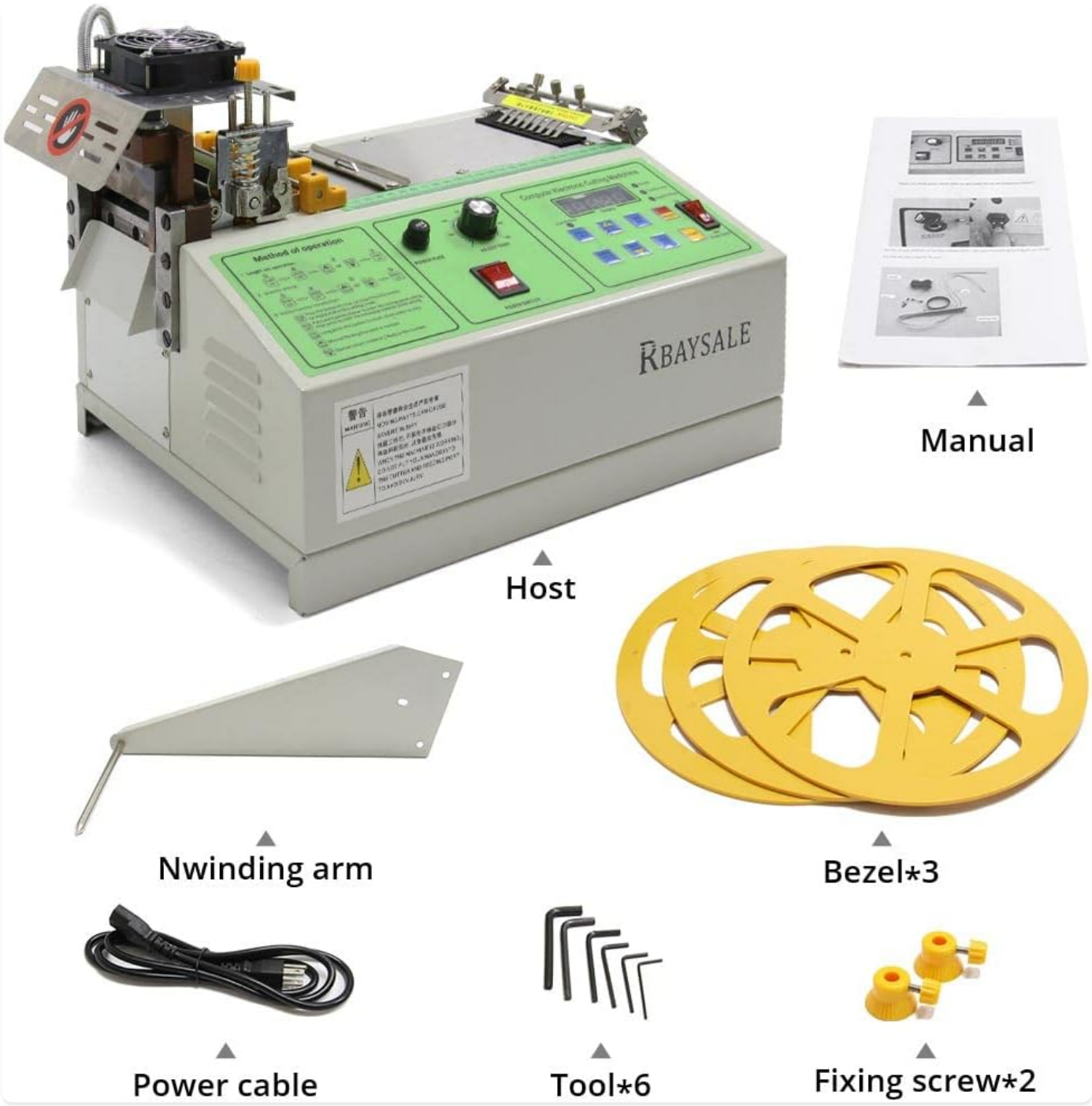


Figure 3.1: Key components of the RBAYSALE Webbing Cutting Machine. This diagram labels various parts including the armguard baffle, blade carrier, heating pipe, heat sink, LCD display, presser, alarm system, feeding arm, control panel, power switch, power fuse, adjust temp knob, temperature switch, and instructions.

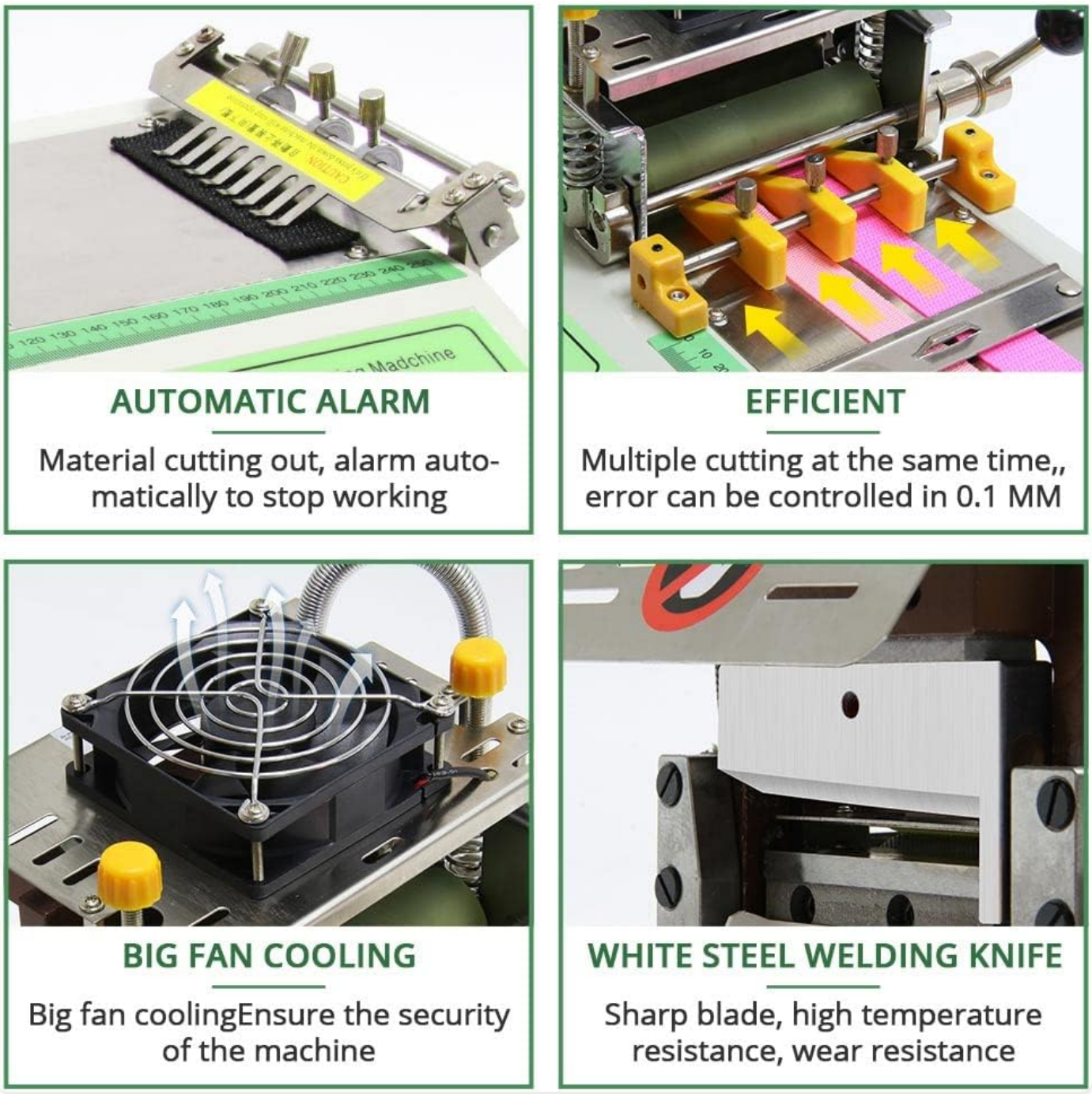


Figure 3.2: Detailed features of the machine. This image highlights the automatic alarm system, efficient multiple cutting capability with 0.1mm error, the large cooling fan for heat dissipation, and the sharp, durable white steel welding knife.

4. Setup and Installation

Follow these steps to set up your RBAYSALE Webbing Cutting Machine:

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present (Host, Manual, Nwinding arm, Power cable, Tool*6, Bezel*3, Fixing screw*2).
2. **Placement:** Place the machine on a stable, level surface with adequate space for material feeding and cut material collection.
3. **Install Discharge Bracket:** Install the discharge bracket and fix it with screws on the underside of the machine.
4. **Attach Stopper Core:** First, fix a stopper core to the discharge arm.

5. **Load Material:** Put the baffle plate and the material belt in order onto the feeding arm. Ensure the material feeds smoothly without obstruction.
6. **Power Connection:** Connect the power cable to the machine and then to a grounded electrical outlet. Ensure the power switch is in the OFF position before connecting.

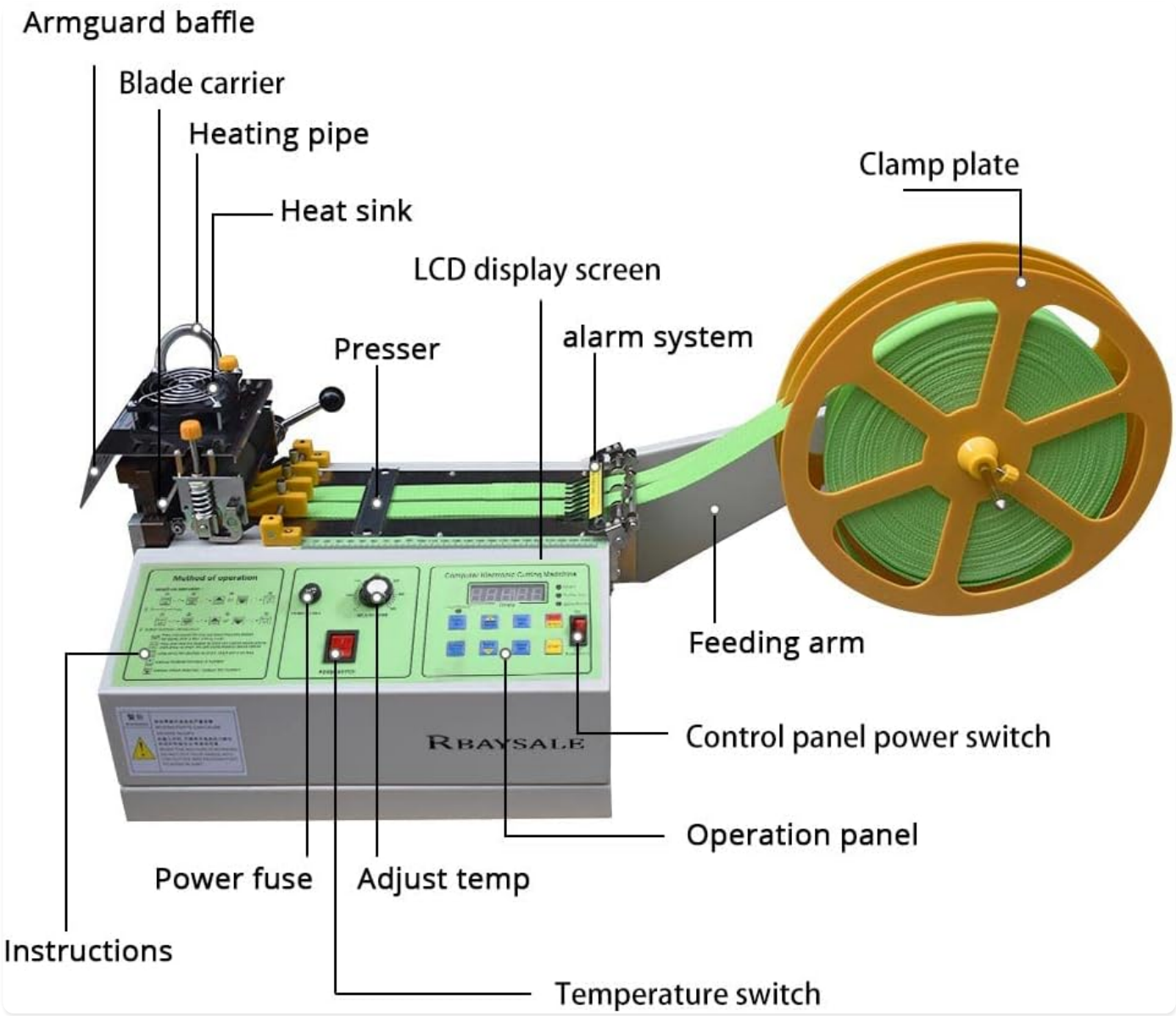


Figure 4.1: Contents included with the RBAYSALE Webbing Cutting Machine. This image displays the main unit, manual, winding arm, power cable, set of tools, three bezels, and two fixing screws.

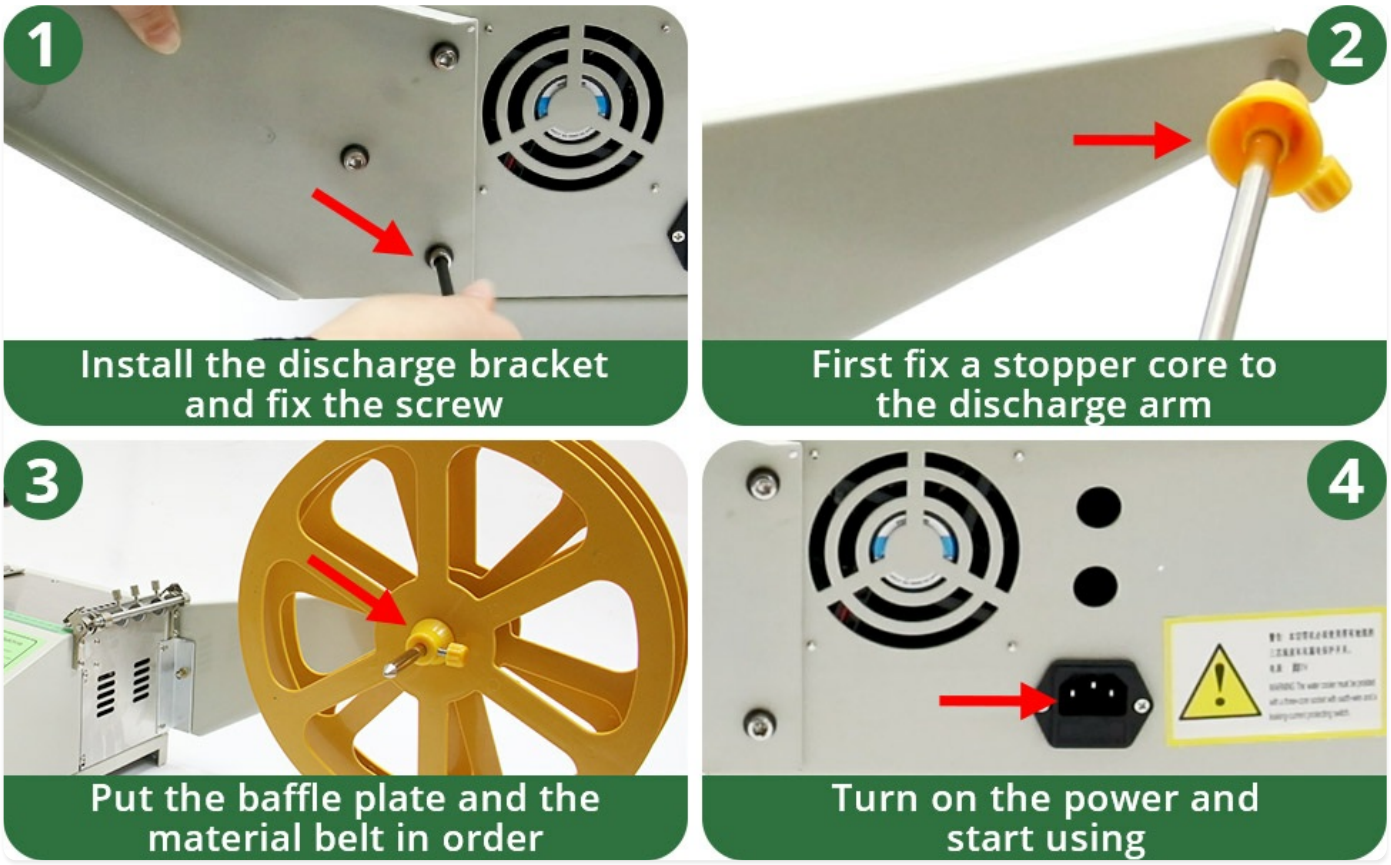


Figure 4.2: Visual guide for machine setup. This image illustrates four steps: installing the discharge bracket, fixing a stopper core to the discharge arm, placing the baffle plate and material belt, and turning on the power.

5. Operating Instructions

The machine offers both hot and cold cutting modes and automatic control for precise operation.

5.1. Power On and Initial Settings

1. Turn on the main power switch located on the control panel. The LCD display will illuminate.
2. **Select Cutting Mode:** Use the temperature switch to select between hot cutting (for nylon belts, requiring heated edges) or cold cutting (for Velcro, zipper belts, etc.).
3. **Adjust Temperature (Hot Cutting Only):** If hot cutting is selected, use the "Adjust temp" knob to set the desired blade temperature. The maximum temperature is 350°C.

5.2. Setting Cutting Parameters

The machine is equipped with micro-computer control for automatic cutting based on programmed settings.

- **Length Set:** Use the "LENGTH SET" button to input the desired cutting length in millimeters (1-99999mm).
- **Number Set:** Use the "NUMBER SET" button to input the desired number of cuts.
- **Speed Set:** Use the "SPEED SET" button to adjust the cutting speed according to the material type.
- **Forward/Back:** Use "FORWARD" and "BACK" buttons for fine-tuning material position.
- **Sample Set:** Use "SAMPLE SET" to perform a test cut to verify settings.



Figure 5.1: Close-up of the control panel. This image shows the LCD display and buttons for length setting, number setting, speed setting, forward/back movement, sample setting, and start/stop/reset functions.

5.3. Starting and Stopping Operation

1. Once all parameters are set, press the "START" button to begin the automatic cutting process.
2. The machine will automatically cut the material according to the programmed length and quantity.
3. To pause or stop the operation, press the "STOP/RESET" button.
4. The machine will automatically stop if the material runs out, indicated by the alarm system.

5.4. Compatible Materials

The machine is suitable for cutting a variety of materials with a cutting width of up to 95mm and a thickness of 1-3mm:

- Nylon Webbing (Hot cutting recommended for sealed edges)
- Velcro (Cold cutting)
- Zipper Belt (Cold cutting)
- Elastic Band
- Shoelace
- Luggage Belt
- Magic Sticker



Figure 5.2: Examples of materials compatible with the cutting machine. This image displays various materials such as zipper belt, Velcro, nylon belt, elastic band, shoelace, and luggage belt.

6. Maintenance

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

- **Cleaning:** Regularly clean the cutting area and blade to remove material residue. Use a soft brush or cloth. Ensure the machine is unplugged before cleaning.
- **Blade Inspection:** Periodically inspect the cutting blade for sharpness and damage. A dull blade can affect cutting precision. The white steel welding knife is designed for long service life.
- **Cooling Fan:** Ensure the cooling fan is free from dust and debris to maintain efficient heat dissipation.
- **Lubrication:** Apply a small amount of machine oil to moving parts as recommended in the detailed manual (if

applicable, general advice).

- **Storage:** When not in use for extended periods, store the machine in a dry, dust-free environment.

7. Troubleshooting

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Machine does not power on.	Power cable not connected; Power switch off; Blown fuse.	Check power connection; Turn on power switch; Inspect and replace fuse in the grounding plug if necessary.
Material not feeding smoothly.	Material jammed; Incorrect material loading; Obstruction in feeding path.	Stop machine, clear any jams; Re-load material correctly, ensuring it's flat; Remove any obstructions.
Inaccurate cutting length.	Incorrect length setting; Material slippage; Blade dull.	Verify length setting on control panel; Ensure material is securely clamped; Inspect and clean/replace blade.
Machine stops with alarm.	Material run out; Sensor obstruction.	Reload material; Check and clear any debris from sensors.
Hot cutting not sealing edges.	Temperature too low; Incorrect material type for hot cut.	Increase temperature setting; Ensure material is suitable for hot cutting (e.g., nylon belt).

8. Technical Specifications

Specification	Value
Model Number	XL-988
Brand	RBAYSALE
Item Weight	44.3 pounds (approx. 20.1 kg)
Product Dimensions	15.75 x 11.81 x 7.87 inches (approx. 40 x 30 x 20 cm)
Cutting Width	Max 3.7 inches (95mm)
Cutting Thickness	1-3mm
Cutting Length	1-99999mm
Blade Material	White Steel (Japan imported)

Specification	Value
Max Blade Temperature	350°C (for hot cutting)
Material Type	Stainless Steel (machine body)
Power	0.44KW (from image)

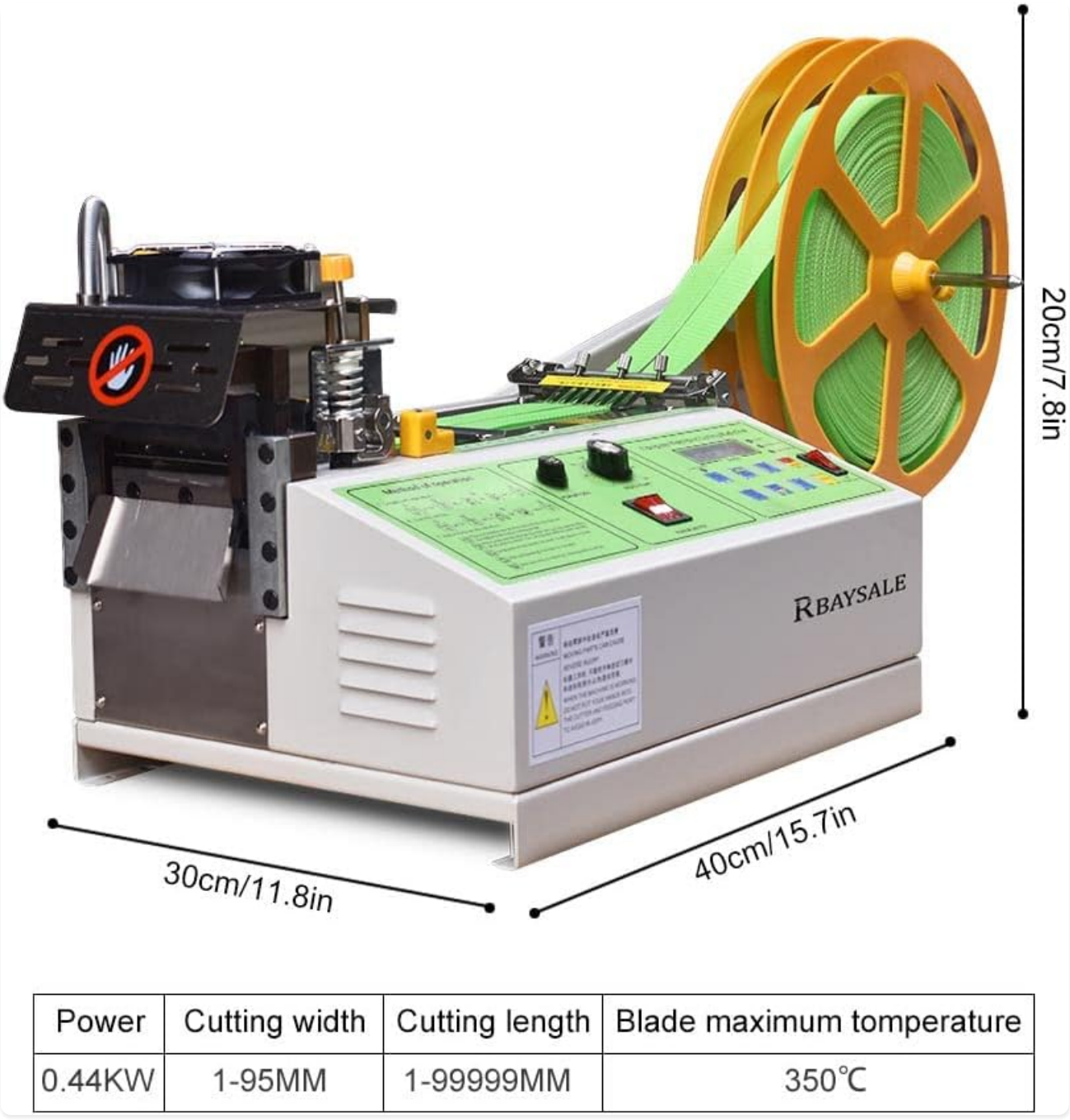


Figure 8.1: Visual representation of product dimensions and a summary table of key specifications. The image shows the machine's length (40cm/15.7in), width (30cm/11.8in), and height (20cm/7.8in), along with a table detailing power, cutting width, cutting length, and maximum blade temperature.

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact RBAYSALE customer service.

Return Policy: This product typically comes with a 30-day refund/replacement policy from the date of purchase, as per standard retail terms. Please check your specific purchase details for exact terms.

For further assistance, you may visit the official RBAYSALE Store:RBAYSALE Store on Amazon

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Question

Example: How do I reset this device or fix this error?

Details

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

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