

ROMECH RSD-70

RoMech Mini Electric Rotary Cloth Cutter (Model RSD-70) Instruction Manual

1. PRODUCT OVERVIEW

The RoMech Mini Electric Rotary Cloth Cutter, Model RSD-70, is a powerful and versatile tool designed for cutting various fabric types. It features an octagonal blade and a carbide-tipped, spring-loaded lower blade to ensure clean, smooth cuts and prevent fabric jamming. This industrial-grade machine is suitable for commercial and industrial use, capable of cutting materials such as cotton, silk, synthetic fiber, leather, and wool up to 0.5 inches thick.



The RoMech Mini Electric Rotary Cloth Cutter is designed for efficient cutting of multiple fabric types, including denim, cotton, linen, carpet, knits, and silk.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, and/or serious injury.

- **Blade Safety:** The blade is exposed. Use with **EXTREME CAUTION**. Always keep hands and fingers clear of the blade during operation. Wear appropriate cut-resistant gloves.
- **Power Button:** The power button is a paddle-style switch located on the underside of the unit. It does not have a lock-out mechanism, making it easy to accidentally activate if the tool is set down improperly.
- **Unplug When Not In Use:** To prevent accidental activation and potential injury, always unplug the unit from the power outlet when not in use, during maintenance, or when changing blades.
- **Power Cord Inspection:** Before each use, carefully inspect the power cord for any signs of damage, melting, or wear. If the cord appears damaged or melted, discontinue use immediately and contact customer support. A damaged cord can pose a fire or electrical hazard.
- **Work Area:** Ensure your work area is well-lit and free of clutter. Keep bystanders, especially children, away while operating the tool.

- **Material Suitability:** Only use the cutter on materials specified in this manual. Do not attempt to cut hard or unsuitable materials.

3. COMPONENTS INCLUDED

Upon unboxing, verify that all components are present:

- 1 x RoMech Mini Electric Rotary Cloth Cutter (Model RSD-70)
- 2 x Replacement Blades
- 1 x Wrench
- 1 x Angled Grinder (Sharpening Stone)

4. PRODUCT FEATURES & DESIGN

The RoMech Mini Electric Rotary Cloth Cutter is engineered for precision and ease of use. Key features include:

- **Octagonal Blade:** Provides a clean and smooth cut.
- **Carbide-Tipped Lower Blade:** Prevents fabric from jamming during cutting.
- **Automatic Sharpener:** Ensures a sharp edge on every cut with a simple push-button mechanism.
- **Powerful Motor:** Capable of cutting up to 0.5 inches thick of fabric.
- **One-Hand Operation:** Lightweight design for comfortable handling.



This diagram identifies the main components of the electric cutter, such as the sharpening stone, blade safety cover, 2.8-inch round blade, lubricant cap, and power button. It also provides the overall product dimensions.

One Hand Operation

2.9 lb

2.8in Round Blade
| Powerful Cutting Power



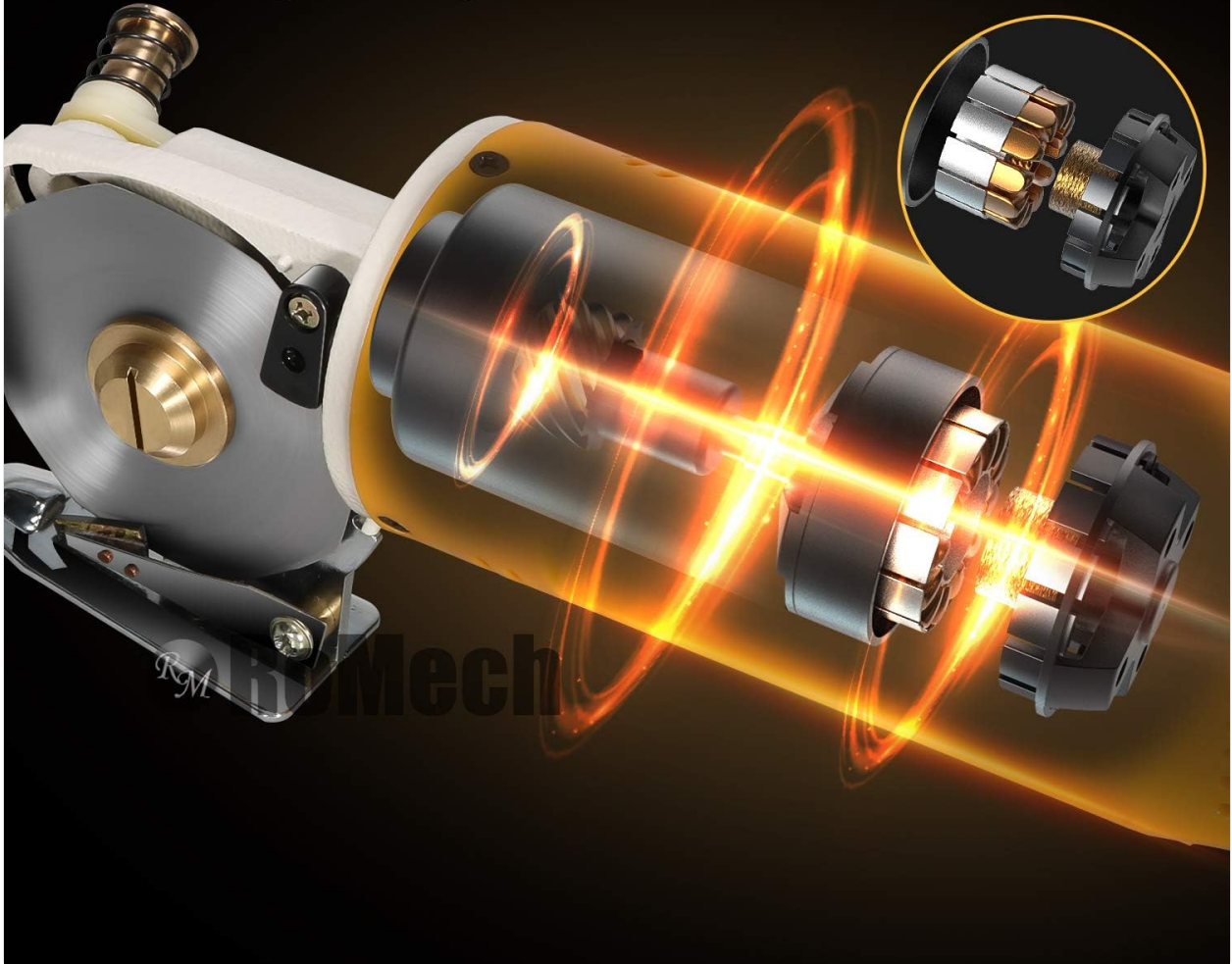
| One Button Sharpening



The cutter features a 2.8-inch round blade for powerful cutting. Its ergonomic design allows for comfortable one-hand operation, and a built-in button simplifies blade sharpening.

Pure Copper Motor

Long Lasting, Powerful, and Reliable



The cutter is equipped with a pure copper motor, known for its durability, power, and reliable performance.

5. SETUP

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Inspect:** Before first use, thoroughly inspect the cutter, especially the power cord, for any signs of damage. Ensure the blade is securely installed.
3. **Blade Safety Cover:** Ensure the blade safety cover is properly fixated before plugging in the device.
4. **Power Connection:** Plug the power cord into a standard 110V electrical outlet.



This image illustrates the proper method for securing the blade safety cover and using the conveniently located power button for operation.

6. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation:

1. **Prepare Material:** Lay the fabric flat on a stable cutting surface. Ensure the material is smooth and free of wrinkles.
2. **Grip the Cutter:** Hold the cutter firmly with one hand. The design allows for comfortable one-hand operation.
3. **Activate:** Press and hold the power button located on the underside of the handle to start the blade rotation.
4. **Begin Cutting:** Gently guide the cutter along your desired cutting line. Ensure the foot of the cutter is under the bottom-most layer of fabric. The tool is designed for effortless maneuvering.
5. **Maintain Control:** Apply steady, even pressure. The powerful motor and sharp blade will cut through multiple layers of fabric.
6. **Finish Cutting:** Release the power button to stop the blade.

7. **Unplug:** Always unplug the cutter from the power outlet immediately after use.



The design of the cutter allows for effortless maneuvering, making precise cuts on materials like denim.



Despite its powerful cutting capabilities, the electric cutter is designed to be lightweight for ease of use on various materials.

Your browser does not support the video tag. This video demonstrates the RoMech Mini Electric Cloth Cutter in action, showcasing its ability to cut various fabrics smoothly and efficiently.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your cutter.

- **Blade Sharpening:** The cutter features an automatic sharpener. To sharpen the blade, press the sharpening push button while the blade is running. This will engage the sharpening stone against the blade.
- **Blade Replacement:** When the blade becomes dull or damaged beyond sharpening, replace it with one of the provided spare blades. Use the included wrench to loosen and tighten the blade screw. Always unplug the unit before replacing the blade.
- **Lubrication:** Periodically apply a small amount of lubricant to the moving parts as indicated in the product diagram, using the lubricant cap.
- **Cleaning:** After each use, unplug the cutter and carefully clean any fabric debris from the blade and

surrounding areas.

8. TROUBLESHOOTING

If you encounter issues with your RoMech Mini Electric Rotary Cloth Cutter, refer to the following:

- **Cutter Not Starting:** Ensure the power cord is securely plugged into a working outlet. Check for any visible damage to the cord or plug.
- **Poor Cutting Performance:** The blade may be dull. Use the automatic sharpening feature or replace the blade if necessary. Ensure you are not attempting to cut materials thicker than 0.5 inches.
- **Fabric Jamming:** Ensure the blade is sharp and clean. Verify that the carbide-tipped lower blade is correctly positioned to prevent fabric from jamming.
- **Overheating/Melted Cord:** If the power cord feels excessively hot during operation or shows any signs of melting, immediately unplug the unit. This indicates a potential safety hazard. Do not use the product if the cord is damaged. Contact customer support for assistance.

9. SPECIFICATIONS

Attribute	Detail
Brand	ROMECH
Model Number	RSD-70
Voltage	110 Volts
Power Source	Corded Electric
Recommended Uses	Cutting various fabrics (cotton, silk, synthetic fiber, leather, wool)
Special Feature	Automatic Sharpener
Product Dimensions (L x W x H)	13.5 x 9.8 x 5.9 inches
Item Weight	3.08 pounds

10. WARRANTY AND SUPPORT

RoMech stands behind the quality of its products. This product includes a 45-day money-back guarantee and a 12-month warranty.

For any questions, concerns, or warranty claims, please contact RoMech customer support. Refer to your purchase documentation for specific contact details.