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EcoTypee DC-35

EcoTypee Manual Rail Cutter DC-35 Instruction Manual

Model: DC-35 (JZONPS-000100)

Brand: EcoTypee

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your EcoTypee Manual Rail Cutter, Model DC-35. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

2. SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating this tool.

- Keep hands and fingers clear of the cutting blade at all times.
- Ensure the tool is placed on a stable, flat surface before operation.
- Do not attempt to cut materials other than those specified (aluminum rails).
- Keep children and bystanders away from the work area.
- Inspect the tool for any damage before each use. Do not operate if damaged.

3. PRODUCT OVERVIEW

The EcoTypee Manual Rail Cutter DC-35 is designed for precise cutting of aluminum rails. It features a robust construction and an integrated measuring ruler for accurate length adjustments.

Key Components:

- Cutting Handle
- Cutting Blade Assembly
- Measuring Ruler with Slider
- Base Plate



Figure 3.1: Overall view of the EcoTypee Manual Rail Cutter DC-35.



Figure 3.2: Close-up of the cutting mechanism and integrated ruler.

4. SETUP

The EcoTypee Manual Rail Cutter comes with all necessary accessories for installation. Follow these steps to prepare your tool for use:

1. Unpack all components from the packaging.
2. Place the rail cutter on a sturdy, level workbench or surface.
3. Ensure all screws and fasteners are securely tightened before operation.
4. Familiarize yourself with the measuring ruler and slider mechanism.

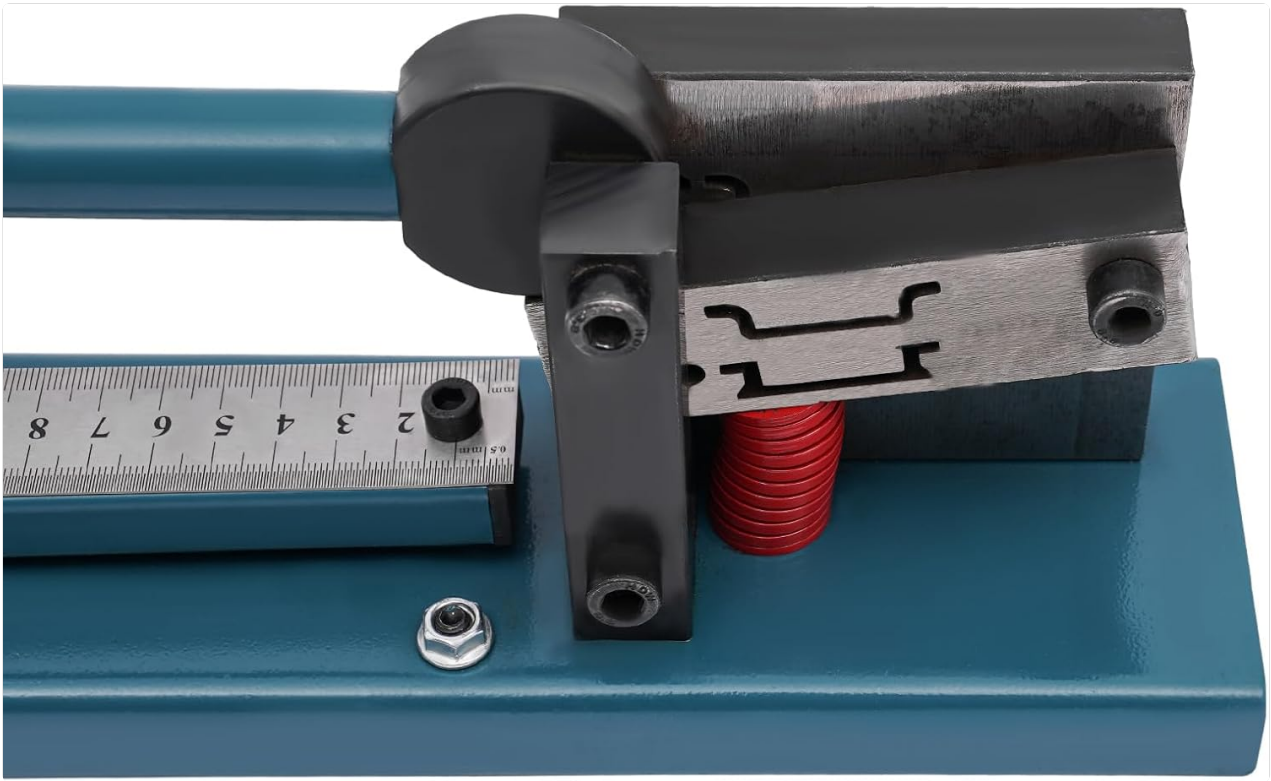


Figure 4.1: Unfolded dimensions of the rail cutter.



Figure 4.2: Folded dimensions of the rail cutter for storage or transport.

5. OPERATING INSTRUCTIONS

Follow these steps for accurate and safe cutting of aluminum rails:

1. **Prepare the Ruler:** Rotate the measuring ruler 90° to fix it in position. Move the slider to the desired cutting length and secure it by turning the screw.
2. **Insert the Rail:** Insert the aluminum guide rail from the left side of the cutter. Push it until it reaches the fixed position of the slider.
3. **Perform the Cut:** Firmly hold the handle and press down with steady pressure to cut the guide rail.
4. **Verify Length:** After the guide rail is cut, gently release the handle. Check the cut length by measuring it with the integrated ruler or an external measuring tool.

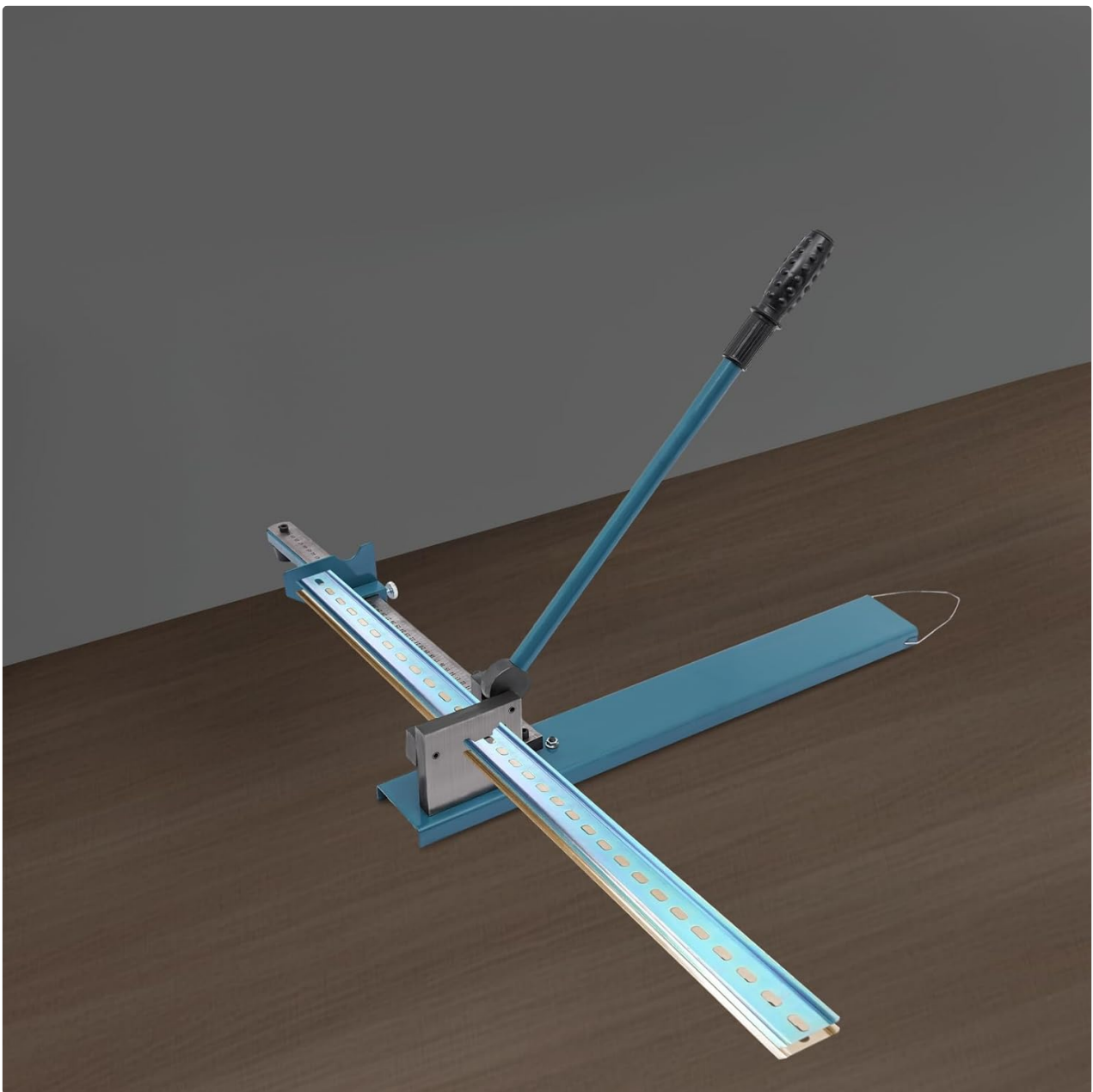


Figure 5.1: Rail cutter in use, demonstrating the cutting process.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your rail cutter.

- **Cleaning:** After each use, clean the cutting blade and surrounding areas to remove any metal shavings or debris. Use a dry cloth or brush.
- **Lubrication:** Periodically apply a light machine oil to the moving parts, such as the pivot points and slider mechanism, to ensure smooth operation.
- **Blade Inspection:** Regularly inspect the cutting blade for sharpness and damage. A dull blade can lead to inaccurate or rough cuts. Replace the blade if necessary (replacement blades sold separately).
- **Storage:** Store the rail cutter in a dry, clean environment, away from moisture and direct sunlight. The tool can be folded for compact storage (refer to Figure 4.2).

7. TROUBLESHOOTING

If you encounter issues with your EcoTypee Manual Rail Cutter, refer to the following common problems and solutions:

- **Issue:** Uneven or rough cuts.
Solution: Check the cutting blade for sharpness and damage. Ensure the rail is properly seated against the slider and held firmly during the cut.
- **Issue:** Difficulty pressing the handle.
Solution: Ensure the tool is clean and lubricated. Verify that you are cutting within the specified material and thickness limits.
- **Issue:** Inaccurate measurements.
Solution: Ensure the ruler is securely fixed at 90° and the slider is tightened at the desired length. Calibrate the ruler if necessary using a known accurate measuring device.

8. SPECIFICATIONS

Feature	Specification
Model	DC-35
Item Model Number	JZONPS-000100
Material	40CR, 45# Steel, A13 Steel, Iron Wire, Rubber
Color	Blue
Cutting Object	Aluminum Rail
Cutting Model	C 45
Work Form	Manual
Cutting Width	35-40cm / 13.8-15.7in
Cutting Height	7mm / 0.3in

Cutting Thickness	≤ 0.8mm / 0.03in
Handle Length	64cm / 25.2in
Folded Size	65 x 8.5 x 13.5cm / 25.6 x 3.3 x 5.3in
Unfolding Size	60 x 8.5 x 64cm / 23.6 x 3.3 x 25.2in
Gross Weight	5.5kg / 12.13lbs
Net Weight	4.5kg / 9.9lbs
Packing Size	70 x 17 x 10cm / 27.6 x 6.7 x 3.94in
Manufacturer	SSUTAO

9. WARRANTY AND SUPPORT

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