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Bonvoisin R6R10

Bonvoisin Heavy Duty Corner Rounder Punch R6R10 User Manual

Model: R6R10

1. Introduction

Thank you for choosing the Bonvoisin Heavy Duty Corner Rounder Punch. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read these instructions thoroughly before first use and retain them for future reference.



Figure 1: Bonvoisin Heavy Duty Corner Rounder Punch, a robust tool designed for precise corner cutting on various materials.

2. Safety Instructions

To ensure safe operation and prevent injury or damage, please observe the following safety precautions:

- Always keep hands and fingers clear of the cutting area and blades during operation.
- Ensure the device is placed on a stable, flat surface before use.
- Do not attempt to cut materials exceeding the specified maximum cutting height or thickness.
- Keep the device out of reach of children.
- Wear appropriate safety glasses to protect your eyes from potential debris.
- Only use original or approved replacement blades.
- Unplug or secure the device when not in use or during maintenance.

3. Product Overview and Components

The Bonvoisin Corner Rounder Punch is engineered for durability and precision. Key components include:

- **Sturdy Metal Base:** Provides stability during operation, preventing tipping.
- **Pressing Device:** Effectively holds materials in place to prevent slipping and ensure accurate cuts.
- **Replaceable Blade Set:** Includes R6 (6mm radius) and R10 (10mm radius) blades made from cemented carbide for clean, even edges.
- **Operating Lever:** Manual lever for applying pressure to cut corners.



Figure 2: Detailed view of the pressing device and stable metal base.



Figure 3: The included R6 (6mm) and R10 (10mm) blades for different corner radii.

4. Setup

The Bonvoisin Corner Rounder Punch comes largely pre-assembled. Follow these steps for initial setup:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** Place the corner rounder on a sturdy, level workbench or table.
3. **Blade Installation:** Ensure the desired blade (R6 or R10) is correctly installed in the blade holder. Refer to the 'Maintenance' section for detailed blade replacement instructions if needed.
4. **Stability Check:** Verify that the machine is stable and does not wobble before beginning operation.

5. Operating Instructions

This corner rounder is designed for efficient and precise corner cutting. Follow these steps for optimal results:

1. **Select Blade:** Choose either the R6 (6mm radius) or R10 (10mm radius) blade based on your desired corner curvature. Ensure it is securely installed.
2. **Prepare Material:** Stack your material (paper, PVC, cards, aluminum sheets up to 1mm/0.04" thick) neatly. The machine can handle a maximum cutting height of 1 inch.
3. **Position Material:** Slide the corner of your material into the cutting slot, ensuring it is flush against the guides and under the pressing device. The metal stopper helps hold the card effectively.
4. **Engage Lever:** Firmly press down the operating lever. The blade will cut through the material, rounding the corner.
5. **Release and Remove:** Release the lever and carefully remove the rounded material.
6. **Repeat:** Repeat the process for all desired corners.



Figure 4: Demonstrating the 1-inch maximum cutting height capacity.



Figure 5: The corner rounder can be used on paper, PVC cards, aluminum sheets (under 1mm), and wood.

Operation Demonstration

Video 1: A demonstration of the corner rounder efficiently cutting through materials, highlighting its smooth operation.

Video 2: A brief overview showcasing the corner rounder's applicability to various materials, including paper and aluminum sheets.

6. Maintenance

Regular maintenance ensures the longevity and performance of your corner rounder. The primary maintenance task is blade replacement.

Blade Replacement

Over time, blades may become dull and require replacement to maintain clean cuts. Follow these steps to replace a blade:

1. **Safety First:** Ensure the machine is stable and you have a clear workspace.
2. **Remove Old Blade:** Carefully locate the blade holder. Use appropriate tools (e.g., an Allen wrench if provided) to loosen any retaining screws or mechanisms holding the blade in place. Gently remove the dull blade.
3. **Install New Blade:** Insert the new R6 or R10 blade into the holder, ensuring it is correctly oriented and seated.
4. **Secure Blade:** Tighten the retaining screws or mechanisms to firmly secure the new blade.
5. **Test:** Perform a test cut on a scrap piece of material to ensure the blade is properly installed and cutting effectively.

Blade Replacement Demonstration

Video 3: A step-by-step guide on how to safely and correctly replace the blades on your Bonvoisin Corner Rounder Punch.

General Cleaning

- Periodically clean the cutting area to remove paper dust or material debris.
- Use a soft, dry cloth to wipe down the machine. Avoid abrasive cleaners or solvents.

7. Troubleshooting

If you encounter issues with your corner rounder, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Uneven or rough cuts	Dull blade; Material not properly aligned; Excessive material thickness.	Replace blade; Ensure material is flush against guides; Reduce material stack height.
Material slips during cutting	Material not held firmly by pressing device; Guides not properly set.	Ensure material is fully under the pressing device; Adjust guides if applicable.
Difficulty pressing the lever	Material stack too thick; Blade obstruction.	Reduce the number of sheets; Check for any debris obstructing the blade path.

8. Specifications

Detailed specifications for the Bonvoisin Heavy Duty Corner Rounder Punch:

- **Model:** R6R10
- **Operation Mode:** Manual
- **Material:** Metal
- **Included Blades:** R6 (6mm radius), R10 (10mm radius)
- **Max Cutting Height:** 1 inch
- **Applicable Materials:** Paper, PVC, cards, aluminum sheets (thickness less than 1mm/0.04")

- **Item Weight:** 5.97 kg
- **Included Components:** Corner rounder machine, blades



Figure 6: Product dimensions and included components, including R6 and R10 blades, blade holder, and calibration card.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Bonvoisin customer service through their official channels. Keep your purchase receipt as proof of purchase.

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