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› Bahco Ergonomic Pruner PXR-M2 Instruction Manual

Bahco PXR-M2

Bahco Ergonomic Pruner with Rotating Medium Handle PXR-M2 Instruction Manual

1. INTRODUCTION

The Bahco PXR-M2 Ergonomic Pruner is designed for efficient and comfortable pruning tasks. Its unique rotating handle minimizes strain on the hand and wrist, making it suitable for extended use. This manual provides essential information for the safe and effective operation and maintenance of your pruner.

2. SAFETY INSTRUCTIONS

- Always wear appropriate personal protective equipment, including gloves and eye protection, when operating the pruner.
- Keep fingers and other body parts clear of the blade during operation.
- Ensure the safety lock is engaged when the pruner is not in use or during storage.
- Do not attempt to cut branches thicker than the recommended capacity (up to 3/4 inch or 20 mm).
- Keep the pruner out of reach of children.
- Use the tool only for its intended purpose of pruning live or dead wood.

3. COMPONENTS OVERVIEW

The Bahco PXR-M2 pruner consists of several key parts designed for performance and ergonomics:

- **Bypass Blade:** The sharp cutting blade, coated with Xylan to prevent rust and reduce friction.
- **Counter Blade:** The stationary blade that the bypass blade cuts against.
- **Rotating Lower Handle:** Designed to move with the natural rotation of your hand, reducing strain and blistering.
- **Upper Handle with Soft Grip:** Provides a comfortable and secure grip.
- **Safety Lock:** Mechanism to keep the blades securely closed when not in use.
- **Spring:** Provides the opening action of the pruner.
- **Pivot Bolt:** Allows for blade adjustment and disassembly.

4. SETUP AND INITIAL USE

4.1 Unpacking

Carefully remove the pruner from its packaging. Inspect the tool for any signs of damage. Ensure all components are present and securely attached.

4.2 Engaging the Pruner

To open the pruner, disengage the safety lock. The lock typically slides or pivots to release the handles. Once unlocked, the handles will spring open.

4.3 Initial Grip

Hold the pruner firmly in your hand. The medium-sized handles are designed for medium-sized hands. Familiarize yourself with the rotating lower handle, which will move as you open and close the pruner, adapting to your hand's natural motion.

5. OPERATING INSTRUCTIONS

5.1 Proper Cutting Technique

Position the branch to be cut as deep as possible into the jaws of the pruner, close to the pivot point. This provides maximum leverage and a cleaner cut. Ensure the bypass blade is on the side of the branch that will remain on the plant to minimize damage to the main stem.



Image: Close-up view of the Bahco pruner's blade making a clean cut on a tree branch. The blade is positioned deep into the branch for optimal leverage.

5.2 Utilizing the Rotating Handle

As you squeeze the handles to make a cut, allow the lower handle to rotate naturally with your fingers. This ergonomic design reduces friction and pressure points, preventing blisters and hand fatigue. The special angled head design also contributes to reducing wrist and arm strain.



Image: A hand wearing a glove holds the Bahco pruner, demonstrating the natural grip and the position of the rotating handle during a pruning action.

5.3 Cutting Capacity

The PXR-M2 is designed to cut branches up to 3/4 inch (20 mm) in diameter. Attempting to cut thicker branches may damage the blade or the tool and is not recommended.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bahco pruner.

6.1 Cleaning

After each use, clean the blades to remove sap, dirt, and debris. Use a damp cloth and, if necessary, a mild detergent or specialized blade cleaner. Dry the blades thoroughly to prevent rust.

6.2 Sharpening

Keep the bypass blade sharp for clean cuts. Use a sharpening stone or diamond file, following the original bevel angle of the blade. Sharpen only the outer edge of the bypass blade. Do not sharpen the counter blade.

6.3 Lubrication

Periodically apply a light oil to the pivot bolt and spring to ensure smooth operation and prevent corrosion.

6.4 Blade and Spring Replacement

The Bahco PXR series allows for interchangeability of parts, including blades, springs, and handles. If the blade becomes severely damaged or dull beyond sharpening, replacement parts are available. Refer to Bahco's official resources for specific replacement instructions and compatible parts.

7. STORAGE

Store the pruner in a dry place, away from moisture and extreme temperatures. Always engage the safety lock before storing to prevent accidental injury. Consider using a blade cover for added protection.

8. TROUBLESHOOTING

- **Difficulty Cutting:** Ensure the blade is sharp and clean. Check for any obstructions between the blades. Do not attempt to cut branches exceeding the maximum capacity.
- **Stiff Handles:** Clean and lubricate the pivot point and spring. If stiffness persists, check for debris or damage to the spring mechanism.
- **Locking Mechanism Issues:** If the safety lock is difficult to engage or disengage, clean the mechanism and apply a small amount of lubricant. Ensure no debris is obstructing its movement.
- **Excessive Play in Blades:** The pivot bolt may need adjustment. Refer to Bahco's official maintenance guides for precise adjustment procedures.

9. SPECIFICATIONS

Brand	Bahco
Model Number	PXR-M2
Cutting Capacity	20 Millimeters (approximately 3/4 inch)
Item Weight	0.3 Kilograms
Blade Type	Bypass
Blade Material	Steel (with Xylan coating)
Handle Material	Fiberglass-reinforced plastic with soft grip
Hand Orientation	Ambidextrous (designed for right-handed use, left-hand versions may be available)
Size	Medium

10. WARRANTY AND SUPPORT

For warranty information, replacement parts, or further technical assistance, please contact Bahco customer support directly or visit their official website. Keep your purchase receipt as proof of purchase.