

Bahco BCL22

Bahco BCL22 Electronic Large Secateur User Manual

MODEL: BCL22 / PX-L2

1. Introduction

This manual provides essential instructions for the safe and efficient use, maintenance, and troubleshooting of your Bahco BCL22 Electronic Large Secateur. Please read this manual thoroughly before operating the tool to ensure proper function and to prevent injury or damage. Keep this manual for future reference.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear, when operating the secateur.
- Keep hands and body parts clear of the cutting blade during operation.
- Ensure the tool is switched off and disconnected from the battery pack before performing any maintenance, cleaning, or blade adjustments.
- Do not operate the secateur in wet conditions or near flammable liquids or gases.
- Store the tool and battery pack in a dry, secure location, out of reach of children.
- Use only original Bahco battery packs and chargers.
- Do not modify the tool or its components.

3. Product Overview

The Bahco BCL22 is an electronic large secateur designed for efficient pruning tasks. It features a powerful motor, durable blades, and an ergonomic design for comfortable use. The tool operates with a separate lithium-ion battery pack, typically worn with a harness.



Figure 1: Bahco BCL22 Electronic Large Secateur. This image shows the main unit of the electronic secateur, highlighting its ergonomic handle, trigger, and cutting blades.



Figure 2: Close-up view of the Bahco BCL22 secateur blade mechanism. This image details the sharp bypass blades and the central pivot point, essential for clean cuts.



Figure 3: Bahco BCL1B2 Lithium battery pack with accompanying harness. This image displays the external battery unit and the shoulder harness used to carry it, providing power to the secateur.



Figure 4: Detailed view of the Bahco BCL1B2 Lithium battery pack. This image shows the control panel and connection ports on the battery unit, which powers the electronic secateur.

4. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present according to the packing list.
2. **Battery Charging:** Connect the Bahco BCL1B2 Lithium battery pack to the appropriate Bahco charger. Ensure the battery is fully charged before first use. Refer to the battery charger manual for specific charging instructions.
3. **Harness Assembly:** Assemble the battery harness as per the instructions provided with the harness. Adjust the straps for a comfortable and secure fit, distributing the weight of the battery pack evenly.
4. **Connecting the Secateur:** Connect the power cable from the secateur to the battery pack. Ensure a secure connection.
5. **Initial Check:** Before operation, perform a visual inspection of the secateur for any damage. Ensure the blades are clean and free of obstructions.

5. Operating Instructions

1. **Powering On:** With the battery connected, press the power button on the battery pack to activate the system. The secateur will typically perform a self-check.

- 2. **Blade Activation:** The secateur may require a double-trigger press or a specific sequence to open the blades for the first time after powering on. Refer to the quick start guide for your specific model.
- 3. **Cutting Technique:** Position the branch to be cut deep into the jaws of the secateur, close to the pivot point, for optimal leverage and a clean cut. Press the trigger firmly to activate the cutting action.
- 4. **Cutting Capacity:** Do not attempt to cut branches exceeding the maximum specified cutting width (45 mm for this model). Forcing the tool can cause damage to the blades or motor.
- 5. **Safety Features:** The secateur is equipped with safety features to prevent accidental activation. Always ensure the tool is in a safe mode when not actively cutting.
- 6. **Powering Off:** When finished, press and hold the power button on the battery pack until the system shuts down. Disconnect the secateur from the battery pack.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Bahco BCL22 secateur.

- **Blade Cleaning:** After each use, clean the blades with a damp cloth to remove sap, debris, and plant residue. For stubborn residue, use a specialized blade cleaner.
- **Blade Lubrication:** Apply a light coat of appropriate lubricating oil to the blades and pivot point regularly to ensure smooth operation and prevent rust.
- **Battery Care:** Store the lithium-ion battery pack in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge the battery periodically if not in use.
- **Storage:** Store the secateur with its blades closed and locked (if applicable) in its original case or a protective cover. Disconnect the battery pack before storage.
- **Blade Sharpening/Replacement:** Dull or damaged blades can reduce cutting efficiency and strain the motor. Blades can be sharpened by a qualified technician or replaced with genuine Bahco replacement blades. Consult an authorized service center for blade replacement.

7. Troubleshooting

If you encounter issues with your Bahco BCL22 secateur, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Secateur does not power on.	Battery not charged, battery not connected, power button not pressed.	Charge battery, ensure secure connection, press power button firmly.
Blades do not close or open fully.	Debris in blade mechanism, dull blades, mechanical obstruction.	Clean blades, lubricate pivot, check for obstructions. If problem persists, seek professional service.
Reduced cutting performance.	Dull blades, incorrect cutting technique, low battery.	Sharpen or replace blades, ensure proper cutting technique, charge battery.
Tool stops during operation.	Overload protection activated, low battery, loose connection.	Reduce cutting load, charge battery, check connections. Allow tool to cool if overheated.

If troubleshooting steps do not resolve the issue, contact an authorized Bahco service center for assistance.

8. Specifications

Key technical specifications for the Bahco BCL22 Electronic Large Secateur (Model PX-L2):

Feature	Specification
Brand	Bahco
Model Number	PX-L2
Item Weight (Tool only)	Approximately 6 Kilograms (13.2 pounds)
Style	Classic
Blade Material	Metal
Handle Material	Plastic, Rubber
Blade Edge	Serrated
Blade Type	Bypass
Hand Orientation	Ambidextrous
Point Style	Round point
Cutting Width (Max)	45 Millimeters
Manufacturer	BAHCO
Package Dimensions	22.05 x 15.75 x 5.91 inches
Batteries Required	1 Lithium Metal battery (external pack)

9. Warranty and Support

Bahco products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Bahco website. For technical support, spare parts, or service, please contact your authorized Bahco dealer or service center.

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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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