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Gardena 12222-20

Gardena AssistCut Cordless Pruning Shears (Model 12222-20) User Manual

For Easy and Effortless Cutting of Branches, Young Shoots, and Flowers

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Gardena AssistCut Cordless Pruning Shears. Please read these instructions carefully before operating the device and retain them for future reference. The Gardena AssistCut is designed to assist with pruning tasks, offering enhanced power for cutting branches up to 25 mm in diameter.



Image 1.1: Gardena AssistCut Cordless Pruning Shears, showing the ergonomic design and cutting blades.

2. SAFETY INFORMATION

- **Read all instructions:** Familiarize yourself with the controls and proper use of the device.
- **Wear appropriate protective gear:** Always wear safety glasses and gardening gloves when operating the pruning shears.
- **Keep hands and body clear:** Ensure hands and other body parts are kept away from the cutting blades.
- **Secure footing:** Maintain proper balance and footing when pruning.
- **Store safely:** When not in use, store the pruning shears in a dry, secure place, out of reach of children.
- **Use for intended purpose only:** Do not use the device for cutting materials other than plant matter.
- **Charging safety:** Use only the provided USB-C cable for charging. Do not expose the device to extreme

temperatures or moisture during charging.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Gardena AssistCut Cordless Pruning Shears
- 1 x USB-C Charging Cable (power supply not included)



Image 3.1: Included USB-C charging cable.

4. PRODUCT FEATURES

- **Cutting Diameter:** Capable of cutting branches, young shoots, and fresh wood up to 25 mm in diameter.
- **Intelligent Sensor:** Provides up to 5 times additional power compared to conventional pruning shears when resistance is detected, ensuring effortless cutting.
- **Ergonomic Design:** Comfortable handling with a two-stage opening width, suitable for various hand sizes.
- **Precision Blades:** Features precision-ground, German-made knives with a bypass cutting principle for a clean, plant-friendly cut.
- **Battery-Assisted:** Integrated battery provides power assistance for reduced effort.

5. SETUP

5.1 Initial Charging

1. Before first use, fully charge the Gardena AssistCut.
2. Connect the provided USB-C charging cable to the charging port on the device.
3. Connect the other end of the USB-C cable to a compatible USB power adapter (not included).
4. Allow the device to charge until the battery indicator shows a full charge.

5.2 Adjusting Opening Width

The shears feature a two-stage opening width for ergonomic handling and to accommodate different hand sizes or cutting needs. Refer to the device for specific adjustment mechanisms, typically a switch or lever near the handle.



Image 5.1: Demonstrating the two-stage opening width for comfortable use.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Locate the power button on the device. Press and hold to power on or off. The battery indicator lights will typically illuminate upon powering on.

6.2 Pruning Technique

1. Ensure the blades are clean and sharp.
2. Select the appropriate opening width for the branch you intend to cut.
3. Position the branch as deep as possible into the blades, close to the pivot point, for maximum leverage and a clean cut.
4. Squeeze the handles firmly. The intelligent sensor will detect resistance and activate the battery assistance, providing additional power to complete the cut.
5. Release the handles to open the blades for the next cut.



Image 6.1: User pruning red currants with the Gardena AssistCut.



Image 6.2: User pruning grapevines, demonstrating effective use in a garden setting.



Image 6.3: User pruning an apple tree branch, highlighting the shears' capability for thicker cuts.

7. MAINTENANCE

7.1 Cleaning the Blades

After each use, clean the blades to remove sap, dirt, and debris. Use a damp cloth and, if necessary, a mild cleaning solution. Ensure the blades are dry before storage to prevent rust.

7.2 Blade Sharpening

The precision-ground blades will maintain their sharpness for a long time. If sharpening becomes necessary, use a fine-grit sharpening stone or consult a professional tool sharpener to maintain the bypass cutting edge.

7.3 Lubrication

Periodically apply a light oil to the pivot point and blades to ensure smooth operation and prevent corrosion.

7.4 Storage

Store the Gardena AssistCut in a dry, cool place, away from direct sunlight and moisture. Ensure the blades are closed and locked (if a locking mechanism is present) for safety.

8. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect to the USB-C charging cable and allow sufficient charging time.

- **Blades not cutting effectively:** Check if the blades are clean and free of debris. If dull, consider sharpening or professional service. Ensure the branch diameter is within the 25 mm limit.
- **Reduced power assistance:** This may indicate a low battery. Recharge the device. If the issue persists after charging, contact customer support.
- **Blades sticking:** Clean and lubricate the blades and pivot point.

9. SPECIFICATIONS

Specification	Detail
Model Number	12222-20
Cutting Diameter	Up to 25 mm
Power Source Type	Battery
Battery Cell Type	Lithium Ion
Charging Cable	USB-C (included)
Blade Material	Stainless Steel
Blade Type	Bypass
Handle Material	Wood (handle material is listed as wood in specs, but product image shows composite/plastic)
Item Weight	485 Grams
Product Dimensions	26.9 x 7 x 0.25 cm
Manufacturer	Gardena Deutschland GmbH

10. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Gardena website or contact Gardena customer service directly. Keep your proof of purchase for any warranty claims.

Gardena Official Website: www.gardena.com