

Stiga SHT 500 AE

STIGA SHT 500 AE Cordless Hedge Trimmer User Manual

Model: SHT 500 AE | Brand: STIGA

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your STIGA SHT 500 AE Cordless Hedge Trimmer. Please read this manual thoroughly before using the product and keep it for future reference.

The STIGA SHT 500 AE is a powerful and precise cordless hedge trimmer designed for easy trimming of hedges, shrubs, and medium-thick branches. Its ergonomic design and safety features ensure comfortable and secure operation.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or damage to the product.

- **Read the Manual:** Familiarize yourself with all controls and proper usage before operation.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and sturdy footwear. Hearing protection is recommended.
- **Work Area:** Keep the work area clear of bystanders, children, and pets. Ensure good lighting.
- **Inspect Before Use:** Check the hedge trimmer for any damage, loose parts, or dull blades before each use.
- **Battery Safety:** Use only the recommended STIGA ePower E 420 48V (2 Ah) battery. Do not expose the battery to water or extreme temperatures. Remove the battery when not in use, before cleaning, or performing maintenance.
- **Blade Protection:** Always use the blade protector when transporting or storing the hedge trimmer.
- **Secure Grip:** Maintain a firm grip on both handles during operation.
- **Avoid Obstacles:** Be aware of hidden wires, fences, or other objects that could damage the blades or cause kickback.
- **Proper Stance:** Maintain balance and a stable footing, especially when working on uneven terrain.

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present and

undamaged. Retain packaging for future storage or transport.

3.2 Battery Installation

The STIGA SHT 500 AE requires a STIGA ePower E 420 48V (2 Ah) battery (not included). To install the battery:

1. Ensure the hedge trimmer is turned off.
2. Locate the battery compartment on top of the tool.
3. Align the battery with the guides in the compartment.
4. Push the battery firmly until it clicks into place.

To remove the battery, press the release button(s) and pull the battery out.

3.3 Handle Adjustment

The ergonomic rear handle can pivot 180° to three different positions for comfortable vertical and horizontal cutting. To adjust the handle:

1. Ensure the hedge trimmer is turned off and the battery is removed.
2. Locate the handle rotation mechanism (usually a button or lever near the handle base).
3. Press the release and rotate the handle to the desired position (0°, +90°, or -90°).
4. Ensure the handle locks securely into place before use.

3.4 Blade Protection Removal

Before operation, carefully remove the blade protector from the cutting blade. Store the protector in a safe place for re-installation after use.



Figure 1: Front view of the STIGA SHT 500 AE Cordless Hedge Trimmer, showing the main body, handles, and blade.

4. OPERATING

4.1 Starting and Stopping

The hedge trimmer is equipped with safety switches to prevent accidental starting.

1. **To Start:** Ensure the battery is fully charged and properly installed. Press and hold the safety switch (usually on the front handle), then squeeze the trigger switch on the rear handle. The blades will begin to move.
2. **To Stop:** Release the trigger switch. The blades will stop.

4.2 Cutting Techniques

The 58 cm double-action reinforced steel blade provides precise cuts. The 180° rotating handle allows for versatile cutting angles.

- **Horizontal Cutting:** For the top of hedges, hold the trimmer level and sweep across the top. The rotating handle can be set to 0° for this.
- **Vertical Cutting:** For the sides of hedges, hold the trimmer vertically. Adjust the handle to +90° or -90° for a more natural and less fatiguing grip.
- **Sweeping Motion:** Use a smooth, sweeping motion, allowing the blades to cut through the branches. Do not force the trimmer through thick material.
- **Tip Protector:** The blade features a tip protector to prevent scratches when working close to walls or the ground.



Figure 2: A user demonstrating vertical hedge trimming with the STIGA SHT 500 AE, highlighting its maneuverability.



Figure 3: A user demonstrating horizontal hedge trimming with the STIGA SHT 500 AE, showing the comfortable grip.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hedge trimmer.

5.1 Cleaning the Blades

After each use, especially when cutting resinous wood, clean the blades to prevent sap buildup and maintain sharpness.

1. **Disconnect Power:** Always remove the battery before cleaning.
2. **Clean Debris:** Use a stiff brush or cloth to remove leaves, twigs, and sap from the blades.
3. **Lubricate:** Apply a light machine oil or blade lubricant to the cutting blades to prevent rust and ensure smooth operation.

5.2 Storage

Proper storage protects your hedge trimmer from damage and extends its lifespan.

- **Clean and Dry:** Ensure the hedge trimmer is clean and dry before storing.
- **Blade Protector:** Always re-install the blade protector before storage.
- **Secure Storage:** Store the tool in a dry, secure location, out of reach of children. The tool features a convenient hole for hanging.
- **Battery Storage:** Store the battery separately in a cool, dry place, away from direct sunlight and extreme temperatures.

5.3 Battery Care

- **Charging:** Use only the original STIGA charger for your ePower battery.
- **Temperature:** Charge and store batteries within the recommended temperature range.
- **Long-term Storage:** For long-term storage, charge the battery to approximately 50% capacity.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your STIGA SHT 500 AE hedge trimmer.

Problem	Possible Cause	Solution
Hedge trimmer does not start	Battery not installed correctly Battery discharged Safety switch not engaged Trigger switch not pressed	Ensure battery is fully inserted and clicks into place Charge the battery Press and hold the safety switch Squeeze the trigger switch fully
Blades are dull or not cutting effectively	Blades are dirty or have sap buildup Blades are dull or damaged	Clean blades and lubricate Have blades sharpened or replaced by a qualified service center
Excessive vibration	Damaged blades Loose components	Inspect blades for damage; replace if necessary Check all screws and fasteners for tightness
Reduced battery runtime	Battery not fully charged Battery nearing end of life Operating in very thick material	Ensure battery is fully charged Consider replacing the battery Avoid forcing the tool; take smaller cuts

If the problem persists after attempting these solutions, please contact STIGA customer support or an authorized service center.

7. SPECIFICATIONS

Key technical specifications for the STIGA SHT 500 AE Cordless Hedge Trimmer:

Feature	Specification
Model Number	SHT 500 AE (278302108/ST2)
Power Source	Battery Powered (STIGA ePower E 420 48V, 2 Ah recommended)
Motor Power	420 W
Blade Type	Double-action, Reinforced Steel
Blade Length	58 cm (22.8 inches)
Tooth Spacing	27 mm (1.06 inches)
Cutting Width	51 cm (20 inches)
Handle Rotation	180° (3 positions)
Product Dimensions (L x W x H)	180 x 22 x 17 cm (70.9 x 8.7 x 6.7 inches)
Weight (without battery)	3.7 kg (8.16 lbs)
Material	Alloy Steel
Country of Origin	China

8. WARRANTY AND SUPPORT

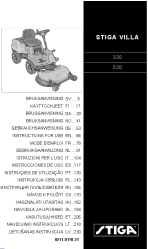
STIGA products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official STIGA website.

For technical support, spare parts, or service inquiries, please contact your local STIGA dealer or authorized service center. You can find contact information on the STIGA official website or through your product retailer.

Please have your product model number (SHT 500 AE) and serial number (if applicable) ready when contacting support.


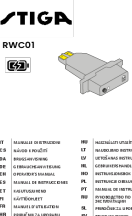



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[STIGA VILLA Ride-On Lawnmower User Manual](#)

Comprehensive user manual for the STIGA VILLA ride-on lawnmower, covering operation, safety, maintenance, and technical specifications for models 320 and 520. Includes assembly instructions, control descriptions, and troubleshooting.

	<p>STIGA V302 / V302 S Ride-On Lawnmower Operator's Manual</p> <p>Operator's manual for STIGA V302 and V302 S ride-on lawnmowers, detailing technical specifications, dimensions, operation, and maintenance guidelines.</p>
	<p>STIGA RWC01 - Manuale di Istruzioni</p> <p>Manuale di istruzioni per il caricabatterie STIGA RWC01, con informazioni sulla sicurezza, funzionamento, dati tecnici e risoluzione dei problemi.</p>
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	<p>STIGA MULTICLIP 47 S DAE (2019) Spare Parts List and Diagrams</p> <p>Detailed spare parts list and assembly diagrams for the STIGA MULTICLIP 47 S DAE (2019) lawnmower. Includes part numbers, descriptions, and visual references for maintenance and repair.</p>
	<p>STIGA COMBI 48 S B Parts Catalogue</p> <p>Official parts catalogue for the STIGA COMBI 48 S B lawn mower, featuring detailed diagrams and part listings for all components, including deck, handle, transmission, wheels, blade, and grass catcher assemblies.</p>