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> [Stihl HSE 42 48180113500 Electric Hedge Trimmer User Manual](#)

Stihl 48180113500

Stihl HSE 42 48180113500 Electric Hedge Trimmer

USER MANUAL

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1. Safety Instructions

Always read and understand all safety instructions before operating the Stihl HSE 42 Electric Hedge Trimmer. Failure to follow these instructions can result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, sturdy gloves, and non-slip footwear.
- **Electrical Safety:** Ensure the power cord is in good condition and avoid cutting it. Use a residual current device (RCD) for added protection. Do not operate in wet conditions.
- **Work Area:** Keep children, bystanders, and pets at a safe distance (at least 15 meters/50 feet) from the work area. Clear the area of debris, wires, and other obstacles.
- **Handling:** Always hold the hedge trimmer firmly with both hands. Ensure a stable footing. Never operate with one hand.
- **Blade Safety:** The blades are sharp. Handle with extreme care. Disconnect from power before cleaning, maintenance, or when not in use.
- **Storage:** Store the hedge trimmer in a dry, secure place, out of reach of children.

2. Product Overview

The Stihl HSE 42 is a lightweight and handy electric hedge trimmer designed for trimming hedges and shrubs. It features a powerful 420 W motor and a 45 cm cutting blade.



Figure 1: Side view of the Stihl HSE 42 Electric Hedge Trimmer, showing the motor housing, handles, and cutting blade.



Figure 2: Angled view of the Stihl HSE 42 Electric Hedge Trimmer, highlighting the safety guard and ergonomic handle design.

Key Features:

- Lightweight and ergonomic design for comfortable use.
- Powerful 420 W electric motor.
- 45 cm (17.7 inch) cutting blade length.
- Two-hand circuit with lever lock for enhanced safety.
- Quiet operation.

3. Setup

Before first use, ensure all components are present and undamaged. No assembly is typically required for this model, but a quick check is recommended.

1. **Unpacking:** Carefully remove the hedge trimmer from its packaging. Retain packaging for future storage or transport.
2. **Inspect for Damage:** Check the power cord, housing, and blades for any signs of damage. Do not use if damaged.
3. **Blade Guard:** Ensure the blade guard is securely in place when the tool is not in use. Remove it only before operation.
4. **Power Connection:** Connect the hedge trimmer to a suitable power outlet (240 Volts) using an appropriate extension cord if necessary. Ensure the extension cord is rated for outdoor use and the power requirements of the tool.

4. Operating Instructions

Follow these steps for safe and effective operation of your Stihl HSE 42 Electric Hedge Trimmer.

Starting the Hedge Trimmer:

1. Ensure you are wearing all required PPE.
2. Hold the hedge trimmer firmly with both hands, one on the front handle and one on the rear handle.

3. Press and hold the safety lever on the front handle.
4. Simultaneously press the trigger switch on the rear handle. The blades will begin to move.

Trimming Techniques:

- **Cutting Motion:** Use a sweeping motion, moving the blades along the hedge. For thicker branches, use a sawing motion.
- **Top of Hedge:** Cut the top of the hedge first, moving from one end to the other. Maintain a slight taper towards the top to allow sunlight to reach the lower branches.
- **Sides of Hedge:** Trim the sides of the hedge, working from the bottom upwards. This helps ensure an even cut and prevents debris from falling onto uncut areas.
- **Avoid Overreaching:** Do not overreach or cut above shoulder height. Use a stable platform or ladder if necessary, ensuring it is placed on firm, level ground.
- **Power Cord Management:** Always keep the power cord behind you and away from the cutting blades. Avoid tripping hazards.

Stopping the Hedge Trimmer:

Release the trigger switch and the safety lever. The blades will stop. Always disconnect the power cord from the outlet when finished or before leaving the tool unattended.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your Stihl HSE 42.

- **Cleaning Blades:** After each use, disconnect the power and carefully clean the blades with a stiff brush to remove sap and debris.
- **Lubrication:** Apply a thin layer of blade lubricant or light machine oil to the blades after cleaning to prevent rust and ensure smooth operation.
- **Blade Sharpening:** The blades should be sharpened periodically by a qualified service technician or using appropriate sharpening tools. Dull blades can strain the motor and result in poor cutting performance.
- **Inspect Power Cord:** Regularly check the power cord for cuts, fraying, or other damage. Replace immediately if damaged.
- **Storage:** Store the hedge trimmer in a dry, well-ventilated area. Use the blade guard to protect the blades and prevent accidental injury.

6. Troubleshooting

Problem	Possible Cause	Solution
Hedge trimmer does not start.	No power supply; safety switch not engaged; damaged cord.	Check power outlet and cord connection. Ensure both safety lever and trigger are pressed. Inspect cord for damage.
Blades are dull or cutting poorly.	Blades are dull or dirty; excessive debris.	Clean blades thoroughly. Sharpen blades or have them professionally sharpened.
Excessive vibration or noise.	Loose components; damaged blades; motor issue.	Stop operation immediately. Disconnect power. Inspect for loose parts or blade damage. Contact service if issue persists.

Problem	Possible Cause	Solution
Motor overheats.	Overloading the tool; blocked ventilation.	Allow the tool to cool down. Avoid cutting overly thick branches. Clear any blockages from ventilation openings.

7. Specifications

- **Model:** Stihl HSE 42 (Model Number: 48180113500)
- **Power Source:** Corded Electric
- **Motor Power:** 420 W
- **Voltage:** 240 Volts
- **Blade Length:** 45 cm (17.7 inches)
- **Cutting Width:** 45 cm (17.7 inches)
- **Blade Material:** Stainless Steel
- **Speed:** 3400 RPM
- **Item Weight:** Approximately 3.0 kg (6.61 pounds)
- **Product Dimensions:** 35"L x 9"W x 9"H (approximate)

8. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or visit the official Stihl website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service, please contact your authorized Stihl dealer or visit the [Stihl official website](#) for contact information and service center locations.