

STEINER ST0518R215400127

Steiner ST0518R215400127 4000W Jigsaw Instruction Manual

Model: ST0518R215400127

1. INTRODUCTION

Thank you for choosing the Steiner ST0518R215400127 4000W Jigsaw. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new power tool. Please read this manual thoroughly before first use and keep it for future reference. Proper use and care will ensure optimal performance and extend the life of your jigsaw.

General Safety Instructions

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure your work area is clean, well-lit, and free from obstructions.
- Keep children and bystanders away while operating the tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always disconnect the power plug from the power source before making any adjustments, changing accessories, or storing the tool.
- Secure the workpiece firmly before cutting.

2. PRODUCT OVERVIEW

The Steiner ST0518R215400127 Jigsaw is a powerful 4000W tool designed for precise cutting in various materials. It features a robust metal gear system, a 6-stage variable speed control, and a comfortable soft-grip surface for extended use. The tool is equipped with a dust extraction adapter to maintain a clean work environment.



Image 2.1: Steiner ST0518R215400127 Jigsaw and included blade set.

Key Components:

- **Motor Housing:** Contains the 4000W copper-wound motor.
- **Soft-Grip Handle:** Ergonomically designed for comfortable operation.
- **Variable Speed Dial:** 6-stage electronic speed control for material-specific cutting.
- **Blade Clamp:** Secures the jigsaw blade (Allen key operated).
- **Base Plate:** Adjustable for miter cuts up to 45 degrees.
- **Dust Extraction Port:** For connecting a dust collection system.
- **Power Cord:** Wired electric power source.

3. SETUP

3.1 Blade Installation

1. Ensure the jigsaw is unplugged from the power source.
2. Locate the blade clamp screw on the front of the tool.
3. Use the provided Allen key to loosen the blade clamp screw.
4. Insert the shank of the appropriate jigsaw blade into the blade clamp, ensuring it is fully seated.
5. Tighten the blade clamp screw firmly with the Allen key. Do not overtighten.
6. Gently pull on the blade to ensure it is securely held.

3.2 Dust Extraction Adapter

For a cleaner work area, attach a dust extraction system to the dust extraction port located at the rear of the tool. Ensure the adapter is securely fitted before operation.

4. OPERATING INSTRUCTIONS

4.1 Power Connection

Connect the jigsaw's power cord to a standard 220-240V, 50/60Hz electrical outlet. Ensure the outlet is properly grounded.

4.2 Speed Control

The jigsaw features a 6-stage electronic speed control dial. Adjust the speed according to the material being cut:

- **Lower Speeds (1-3):** Suitable for cutting harder materials like metal or for more delicate cuts in plastic.
- **Higher Speeds (4-6):** Ideal for faster cutting in softer materials like wood.

Always test the speed on a scrap piece of material before making the final cut.

4.3 Cutting Techniques

Ensure the workpiece is securely clamped. Place the base plate flat on the workpiece before starting the cut. Allow the blade to reach full speed before engaging the material.



Image 4.1: Demonstrating the Steiner Jigsaw cutting various materials.

- **Straight Cuts:** Guide the jigsaw along a marked line, applying steady, even pressure.
- **Curved Cuts:** Use a narrower blade and guide the tool slowly along the curve.

- **Miter Cuts:** The base plate can be adjusted up to 45 degrees for angled cuts. Loosen the base plate screws, adjust to the desired angle, and retighten securely.
- **Plunge Cuts:** For internal cuts, tilt the jigsaw forward so the front edge of the base plate rests on the workpiece. Start the tool, then slowly lower the blade into the material.

Maximum cutting depths: Wood 80 mm, Plastic 20 mm, Metal 10 mm.

5. MAINTENANCE

5.1 Cleaning

After each use, disconnect the tool from the power supply. Clean the tool's exterior with a soft, damp cloth. Remove any sawdust or debris from the blade area and ventilation slots using a brush or compressed air. Do not use harsh chemicals or abrasive cleaners.

5.2 Blade Replacement

Regularly inspect the jigsaw blade for wear, damage, or dullness. A dull blade can lead to poor cut quality and increased strain on the motor. Replace blades as described in Section 3.1 when necessary.

5.3 Storage

Store the jigsaw in a dry, secure location, out of reach of children. Ensure the power cord is neatly coiled and not kinked.

6. TROUBLESHOOTING

If you encounter issues with your Steiner Jigsaw, refer to the following common problems and solutions:

- **Tool does not start:**
 - Check if the power cord is securely plugged into a working outlet.
 - Verify the circuit breaker or fuse.
- **Poor cut quality or excessive vibration:**
 - Ensure the blade is sharp and correctly installed.
 - Check if the blade is suitable for the material being cut.
 - Reduce cutting speed or feed rate.
 - Ensure the workpiece is securely clamped.
- **Overheating:**
 - Allow the tool to cool down.
 - Ensure ventilation slots are clear of debris.
 - Avoid continuous heavy-duty operation.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model	ST0518R215400127
Brand	Steiner
Power	4000 W
Input Voltage	220 - 240 V 50 / 60 Hz
Speed Control	6-stage variable speed, up to 3760 strokes per minute (SPM)
Max. Cutting Depth (Wood)	80 mm
Max. Cutting Depth (Plastic)	20 mm
Max. Cutting Depth (Metal)	10 mm
Max. Miter Cut	45°
Net Weight	1.6 kg
Blade Change	Allen key operated
Special Features	Soft-grip surface, Dust extraction adapter, Metal gear

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Steiner ST0518R215400127 Jigsaw comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by misuse, abuse, unauthorized repairs, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or to inquire about replacement parts, please contact your retailer or the Steiner customer service department. Please have your model number (ST0518R215400127) and proof of purchase available when contacting support.