

Stanley SJ60K

STANLEY Professional Jigsaw 600W SJ60K Instruction Manual

Model: SJ60K | Brand: Stanley

1. INTRODUCTION

Thank you for choosing the STANLEY Professional Jigsaw 600W SJ60K. This powerful and versatile tool is designed for precise cutting in various materials, including wood, metal, and plastic. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your jigsaw. Please read this manual thoroughly before first use and keep it for future reference.

The STANLEY SJ60K Jigsaw features a robust 600W motor, a convenient tool-free blade change system, an adjustable 0-45 degree bevel shoe for angled cuts, and a 4-position orbital action for enhanced cutting performance. Its ergonomic grip ensures comfortable handling, and the continuous use lock-on trigger allows for extended operation. The machine is built with 100% ball bearing construction for durability.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using power tools. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.

- Ensure the power tool is switched off before making any adjustments, changing accessories, or storing the tool.
- Secure the workpiece. Use clamps or a vise to hold the workpiece. This is safer than using your hand and it frees both hands to operate the tool.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.
- Do not overreach. Keep proper footing and balance at all times.
- Disconnect the plug from the power source before performing any maintenance or cleaning.

3. PRODUCT FEATURES

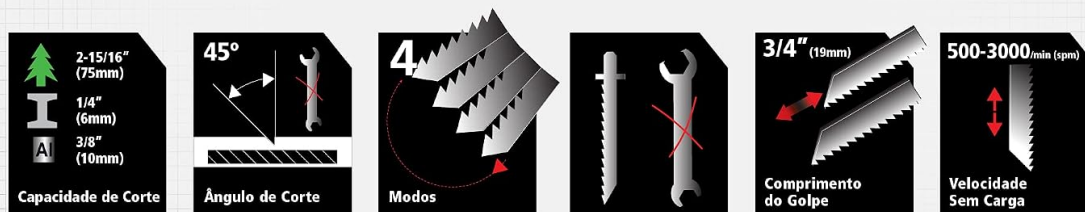


Figure 3.1: Main components and features of the STANLEY SJ60K Jigsaw, including the speed control selector, rubberized grip, 600W motor, 4-position orbital action, and adjustable 0-45 degree bevel shoe.

- **Powerful 600W Motor:** Provides ample power for various cutting tasks.
- **Tool-Free Blade Change System:** Allows for quick and easy blade replacement without additional tools.
- **Adjustable Bevel Shoe (0-45 degrees):** Enables precise angled cuts for versatile applications.
- **4-Position Orbital Action:** Offers different cutting aggressiveness settings for optimized performance in various materials.
- **Integrated Dust Blower:** Keeps the cutting line clear for improved visibility and accuracy.
- **Ergonomic Grip:** Designed for comfortable and controlled operation.
- **Lock-On Trigger:** For continuous operation, reducing user fatigue during prolonged use.
- **100% Ball Bearing Construction:** Ensures durability and extended tool life.

4. SETUP

4.1 Blade Installation

The STANLEY SJ60K Jigsaw features a tool-free blade change system. Ensure the tool is unplugged before installing or removing blades.

1. Locate the blade clamp lever on the front of the tool.
2. Push the lever to release the blade clamp.
3. Insert the shank of the jigsaw blade fully into the blade clamp opening with the teeth facing forward.
4. Release the lever to secure the blade. Gently pull on the blade to ensure it is firmly seated.



SISTEMA DE TROCA RÁPIDA DE LÂMINA

Figure 4.1: Quick blade change system in action.

4.2 Base Plate Adjustment for Bevel Cuts

The base plate can be adjusted for bevel cuts up to 45 degrees to the left or right.

1. Loosen the screws that secure the base plate to the tool.
2. Slide the base plate forward or backward and tilt it to the desired angle (0-45 degrees).
3. Use a protractor or angle gauge to ensure accuracy.
4. Tighten the base plate screws firmly to secure the angle.



TRAVA DE REGULAGEM DA SAPATA PARA CORTE EM ÂNGULO DE 0° A 45°

Figure 4.2: Adjusting the base plate for bevel cuts.

4.3 Orbital Action Adjustment

The 4-position orbital action selector allows you to adjust the aggressiveness of the blade's movement. Use lower settings for fine cuts and harder materials, and higher settings for faster, more aggressive cuts in softer materials.



AÇÃO PENDULAR DE 4 ESTÁGIOS

Figure 4.3: Orbital action selector.

5. OPERATING INSTRUCTIONS

5.1 General Operation

Before starting, ensure your workpiece is securely clamped. Mark your cutting line clearly. Hold the jigsaw firmly with both hands, ensuring the base plate rests flat on the workpiece. Start the saw before contacting the material and allow it to reach full speed. Guide the saw along the cutting line with steady, even pressure. Do not force the tool; let the blade do the work.



Figure 5.1: Jigsaw in use for cutting wood.

5.2 Cutting Techniques

- **Straight Cuts:** Use a straight edge guide for long, accurate straight cuts.
- **Curved Cuts:** For intricate curves, use a narrow blade and guide the saw slowly.
- **Plunge Cuts:** For internal cuts without a pilot hole, tilt the saw forward so the front edge of the base plate rests on the workpiece. Start the saw and slowly lower the blade into the material.
- **Bevel Cuts:** Adjust the base plate to the desired angle as described in Section 4.2.

5.3 Operational Video

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Video 5.1: This video demonstrates the general operation of a jigsaw, including blade installation and various cutting applications. While the video features an 800W model, the blade change mechanism and cutting principles are similar to the STANLEY Professional Jigsaw 600W SJ60K.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your jigsaw. Always unplug the tool before performing any maintenance.

- **Cleaning:** After each use, clean the tool with a soft cloth. Remove any sawdust or debris from the ventilation openings and around the blade area. Do not use harsh chemicals or abrasive cleaners.
- **Blade Care:** Replace dull or damaged blades promptly. Using sharp blades improves cutting efficiency and reduces strain on the motor.
- **Cord Inspection:** Regularly inspect the power cord for any damage. If damaged, have it repaired by a qualified service technician.
- **Storage:** Store the jigsaw in its carrying case in a dry, secure place, out of reach of children.



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600W

Figure 6.1: The STANLEY SJ60K Jigsaw stored in its carrying case.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; faulty switch; damaged cord.	Check power outlet and connections. Inspect cord for damage. If issues persist, contact service.
Blade not cutting efficiently	Dull or incorrect blade; incorrect orbital setting; forcing the tool.	Replace blade with a sharp, appropriate type. Adjust orbital action. Reduce feed pressure.

Problem	Possible Cause	Solution
Excessive vibration	Loose blade; bent blade; damaged internal components.	Ensure blade is securely clamped. Replace bent blade. If vibration continues, seek professional service.

8. SPECIFICATIONS

Feature	Detail
Model	SJ60K
Power	600W
Voltage	220 Volts
Power Source	Corded Electric
Color	Yellow
Blade Material	High-Speed Steel (typical for included blade)
Surface Recommendation	Wood (suitable for various materials with appropriate blades)
Weight	2400 Grams (2.4 kg)
Dimensions (L x W x H)	26 cm x 10 cm x 22 cm
Special Features	Tool-free blade change, 4-position orbital action, adjustable bevel shoe (0-45°)

9. WARRANTY AND SUPPORT

This STANLEY product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical assistance, spare parts, or service, please contact STANLEY customer support or an authorized service center. Keep your purchase receipt as proof of purchase for warranty claims.