STANLEY SJ60K

STANLEY 600W Jigsaw SJ60K Instruction Manual

Model: SJ60K

1. Important Safety Instructions

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operating this jigsaw.

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Jigsaw Safety:** Hold the tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Keep hands away from the cutting area.

2. Product Overview

The STANLEY 600W Jigsaw SJ60K is a versatile power tool designed for precise cutting in various materials. It features a powerful 600W motor and variable speed control for optimal performance.



Image 2.1: The STANLEY 600W Jigsaw SJ60K, shown with its included plastic carrying case for safe storage and transport.

Key Features:

- **600W Motor:** Provides ample power for various cutting tasks.
- **Variable Speed Control:** Adjustable from 500 to 3000 RPM to match material and application.
- **4-Stage Pendulum Action:** Enhances cutting efficiency and speed, especially in thicker materials.
- **Adjustable Bevel Cut:** Base plate can be adjusted from 0° to 45° for angled cuts.
- **Tool-Free Blade Change:** Allows for quick and easy blade replacement.
- **Ergonomic Design:** Features a rubberized grip for improved comfort and control.
- **Cutting Capacity:** Up to 75mm in wood, 6mm in steel, and 10mm in aluminum.



Image 2.2: Detailed diagram highlighting the main components and features of the jigsaw, such as speed control, rubber grip, 600W motor, 4-position pendulum action, and adjustable bevel.

What's Included:

- STANLEY 600W Jigsaw (SJ60K)
- 1 Wood Cutting Blade
- Plastic Carrying Case



Image 2.3: The complete package, including the jigsaw, a wood blade, and the durable plastic case.

3. Setup

3.1 Blade Installation

1. Ensure the jigsaw is unplugged from the power source.
2. Locate the tool-free blade clamp mechanism on the front of the saw.
3. Push the blade clamp lever or button to open the clamp.
4. Insert the shank of the jigsaw blade into the clamp opening, ensuring the teeth face forward.
5. Release the clamp lever/button to secure the blade. Gently pull on the blade to confirm it is firmly seated.



Image 3.1: Illustration of the tool-free blade change process, highlighting ease of blade installation and removal.

3.2 Adjusting Bevel Angle

The base plate can be adjusted for angled cuts (bevels) from 0° to 45°.

1. Unplug the tool.
2. Loosen the screw or lever that secures the base plate.
3. Tilt the base plate to the desired angle, using the angle markings as a guide.
4. Tighten the screw or lever firmly to secure the base plate in position.



Image 3.2: The adjustable shoe allows for precise bevel cuts from 0 to 45 degrees.

4. Operating Instructions

4.1 Powering On/Off and Speed Control

1. Connect the jigsaw to a suitable power outlet.
2. To turn the tool ON, press the trigger switch. The speed is variable based on trigger pressure.
3. For continuous operation, press the lock-on button while the trigger is depressed.
4. To turn the tool OFF, release the trigger. If locked on, press the trigger again to release the lock-on button.
5. Use the speed control dial (if present) to pre-set the maximum speed for specific materials.

4.2 Pendulum Action Settings

The jigsaw features a 4-stage pendulum action selector. This setting controls the orbital motion of the blade, affecting cutting speed and finish.

- **Setting 0 (No Pendulum Action):** For fine, precise cuts and cutting hard materials like metal.
- **Settings 1-3 (Increasing Pendulum Action):** For faster cutting in softer materials like wood, with a coarser finish. Higher settings provide faster cuts but may result in more splintering.



Image 4.1: The 4-stage pendulum action selector allows adjustment for different cutting speeds and material types.

4.3 Cutting Techniques

Always ensure the workpiece is securely clamped before cutting. Mark your cutting line clearly.

1. **Starting a Cut:** Place the front of the base plate flat on the workpiece, ensuring the blade is clear of the material. Start the saw and allow it to reach full speed before slowly guiding the blade into the material along your marked line.
2. **Straight Cuts:** Maintain steady pressure and guide the saw along the cutting line. For longer straight cuts, a straight edge guide can be used (not included).
3. **Curved Cuts:** Use a narrow blade for tight curves. Guide the saw slowly, allowing the blade to follow the curve without forcing it.

4. **Bevel Cuts:** After setting the desired bevel angle (Section 3.2), proceed with cutting as usual, ensuring the base plate remains flat on the angled surface.
5. **Plunge Cuts:** For internal cuts without a pilot hole, tilt the saw forward so the blade is above the workpiece. Start the saw, then slowly lower the blade into the material while keeping the front edge of the base plate on the workpiece. Once the blade has penetrated, flatten the saw and continue cutting.



Image 4.2: The jigsaw in operation, demonstrating its use for cutting wood.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your jigsaw.

5.1 Cleaning

- Always unplug the tool before cleaning.
- Use a soft brush or compressed air to clean dust and debris from the ventilation slots and around the blade area.

- Do not use water or chemical cleaners, as these can damage the tool.

5.2 Blade Replacement

Replace blades when they become dull or damaged. Refer to Section 3.1 for blade installation instructions.

5.3 Storage

When not in use, store the jigsaw in its plastic carrying case in a dry, secure location out of reach of children.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty switch	Check power connection; Contact authorized service center
Blade not cutting efficiently	Dull or incorrect blade; Incorrect speed/pendulum setting	Replace blade; Select appropriate blade for material; Adjust speed and pendulum action
Excessive vibration	Loose blade; Damaged blade; Worn internal components	Ensure blade is securely clamped; Replace blade; Contact authorized service center
Blade breaks frequently	Forcing the cut; Incorrect blade for material; Overheating	Do not force the tool; Use correct blade; Allow tool to cool

For issues not listed here or if solutions do not resolve the problem, please contact STANLEY customer support or an authorized service center.

7. Specifications

Feature	Specification
Model Number	SJ60K-B3
Brand	STANLEY
Power Input	600 Watts
No-Load Speed	500 - 3000 RPM
Pendulum Action	4 Stages
Bevel Capacity	0° to 45°
Max. Cutting Capacity (Wood)	75 mm (2-15/16")
Max. Cutting Capacity (Steel)	6 mm (1/4")
Max. Cutting Capacity (Aluminum)	10 mm (3/8")

Feature	Specification
Stroke Length	19 mm (3/4")
Power Source	Corded Electric
Special Feature	Spindle Lock
Handle Material	Plastic (with rubber grip)
Blade Material	High-Speed Steel (for included blade)
Product Dimensions	34 x 28.6 x 9 cm
Product Weight	3.19 kg

Note: The voltage specification in the source data (600 Volts) appears to be an error and is likely referring to the wattage. This tool operates on standard household voltage, which varies by region (e.g., 120V or 230V).

8. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official STANLEY website. Warranty terms and conditions may vary by region.

For technical support, spare parts, or service inquiries, please contact STANLEY customer service through their official website or the contact information provided in your product packaging.

9. Official Product Videos

No official product videos from the seller were found for this model in the provided data.

© 2025 STANLEY. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question