

Skil 3386-01

SKIL 3386-01 9-Inch Band Saw Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your SKIL 3386-01 9-Inch Band Saw. Please read this manual thoroughly before operating the tool to ensure proper usage and to prevent injury or damage.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Wear Eye Protection:** Always wear safety goggles or safety glasses with side shields when operating the band saw.
- **Keep Work Area Clear:** Ensure your work area is well-lit and free from clutter. Remove all tools, scraps, and other obstructions from the table before starting the saw.
- **Disconnect Power:** Always disconnect the power cord from the electrical outlet before making any adjustments, changing accessories, or performing maintenance on the saw.
- **Secure Workpiece:** Always hold the workpiece firmly against the table and fence. Never attempt to cut a workpiece that is too small to be safely supported.
- **Maintain Proper Balance:** Do not overreach. Keep proper footing and balance at all times.
- **Avoid Forcing the Tool:** Allow the blade to cut at its own pace. Forcing the tool can lead to kickback or blade breakage.
- **Use Correct Blade:** Ensure the correct blade type and size are used for the material being cut.
- **Keep Guards in Place:** Never operate the saw without all guards in their proper positions.

COMPONENTS INCLUDED

Your SKIL 3386-01 9-Inch Band Saw package includes the following items:

- SKIL 3386-01 9-Inch Band Saw Unit
- 6 TPI Band Saw Blade
- Rip Fence
- Miter Gauge

- Articulating LED Work Light
- 1-1/2 inch Dust Port

SETUP

Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the saw for any signs of damage that may have occurred during shipping. Report any damage to your retailer immediately.

Assembly

Attach the work table to the main unit using the provided hardware. Ensure all fasteners are tightened securely. Install the band saw blade by following the instructions for opening the blade access covers and positioning the blade around the wheels. Refer to Figure 1 for a general overview.



Figure 1: Overview of the SKIL 3386-01 9-Inch Band Saw during operation, demonstrating proper hand placement for guiding material.

Blade Tension and Tracking Adjustment

Proper blade tension is crucial for accurate cuts and blade longevity. Use the tensioner knob located on the top of the saw to adjust the blade tension. The blade tracking can be adjusted to ensure the blade runs centrally on the wheels. Consult the tracking adjustment guide on the side of the saw for precise alignment. Refer to Figure 2 for blade area.



Figure 2: The band saw in action, illustrating its capability to cut intricate and curved patterns in wood.

Table Angle Adjustment

The work table can be tilted to perform angled cuts. Loosen the table locking knob located beneath the table, adjust the table to the desired angle using the angle scale, and then securely tighten the knob. Always verify the angle with a protractor or square before cutting. Refer to Figure 4 for table adjustment.

OPERATING INSTRUCTIONS

Power On/Off

The power switch is located on the front of the saw. Press the 'ON' button to start the saw and the 'OFF' button to stop it. Ensure the saw reaches full speed before beginning a cut.

Using the Rip Fence

For straight, accurate cuts, attach the rip fence to the table. Adjust the fence to the desired width from the blade and lock it in place. Guide the workpiece firmly against the fence and into the blade. Refer to Figure 3 for rip fence usage.



Figure 3: Utilizing the rip fence for precise straight cuts, ensuring consistent material width.

Using the Miter Gauge

The miter gauge is used for cross cuts and angled cuts across the width of the workpiece. Insert the miter gauge into the slot on the table and adjust it to the desired angle. Hold the workpiece firmly against the miter gauge and guide it through the blade. Refer to Figure 4 for miter gauge usage.



Figure 4: Adjusting the table for angled cuts using the miter gauge, allowing for versatile woodworking applications.

Cutting Irregular Shapes

For cutting irregular shapes and curves, ensure the rip fence and miter gauge are removed. Slowly guide the workpiece into the blade, following your marked line. Use a narrower blade for tighter curves. Refer to Figure 2 for an example of cutting irregular shapes.

LED Work Light

The articulating LED work light provides illumination to your workpiece and cut line. Adjust the light to your preferred position for optimal visibility. The light operates when the saw is powered on.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your band saw.

- **Cleaning:** Regularly clean the saw, especially the dust port (1-1/2 inch) and blade path, to prevent sawdust buildup which can affect performance and safety.
- **Blade Inspection and Replacement:** Inspect the blade for dullness, cracks, or missing teeth before each use. Replace dull or damaged blades immediately.
- **Blade Tension and Tracking:** Periodically check and adjust blade tension and tracking as described in the Setup section to maintain optimal cutting performance.
- **Lubrication:** Refer to the detailed product manual for specific lubrication points and schedules.

TROUBLESHOOTING

This section addresses common issues you might encounter with your band saw.

- **Blade Wandering or Inaccurate Cuts:**
 - Check blade tension; it may be too loose.
 - Verify blade tracking is centered on the wheels.

- Inspect blade guides for proper adjustment and wear.
- Ensure the blade is sharp and appropriate for the material.
- **Excessive Vibration:**
 - Ensure the saw is securely mounted to a stable workbench.
 - Check the blade for damage or improper installation.
 - Inspect the wheels for debris or damage.
- **Motor Overheating or Loss of Power:**
 - Avoid forcing the workpiece through the blade; let the saw cut at its own pace.
 - Ensure the motor's ventilation openings are clear of dust and debris.
 - Check for proper electrical supply.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Skil
Model Number	3386-01
Color	Red
Power Source	Corded Electric
Blade Material	High Speed Steel
Blade Length	9 Inches
Included Blade TPI	6 TPI
Surface Recommendation	Wood
Product Dimensions (L x W x H)	31.15" x 16.25" x 12.75"
Item Weight	30.86 Pounds
Dust Port Size	1-1/2 inch

WARRANTY AND CUSTOMER SUPPORT

The SKIL 3386-01 9-Inch Band Saw comes with a Limited Warranty. For detailed warranty information, service, or technical support, please refer to the official SKIL website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.