

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Silverline](#) /

› [Silverline 441563 Silverstorm 190mm 350W Bandsaw Instruction Manual](#)

Silverline 441563

Silverline 441563 Silverstorm 190mm 350W Bandsaw Instruction Manual

Model: 441563 | Brand: Silverline

1. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the 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, hearing protection, and a dust mask when operating the bandsaw. Secure loose clothing, jewelry, and long hair. Do not overreach. Maintain proper footing and balance at all times.
- **Power 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.
- **Bandsaw Specific Safety:** Ensure the blade is correctly tensioned and aligned before operation. Keep hands clear of the blade path. Use push sticks when cutting small pieces. Never remove cut material until the blade has come to a complete stop.

2. PRODUCT OVERVIEW

The Silverline 441563 Silverstorm Bandsaw is designed for precise cutting of wood and similar materials. It features a robust construction and adjustable components for versatile use.

Key Features:

- Maximum cutting depth of 80 mm and width of 190 mm.
- Powerful 350W induction motor for consistent performance.
- Work table dimensions of 300 x 300 mm.
- Includes a 1425 mm 6 TPI (teeth per inch) blade.
- Table tilt function for bevel cuts.
- Equipped with a dust extraction port for a cleaner work environment.

Components:

The bandsaw includes the main unit, a blade, a rip fence, a dust extraction port, and a miter gauge for angled cuts.



Figure 1: Main view of the Silverline 441563 Silverstorm Bandsaw.

3. SETUP

3.1 Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Place the bandsaw on a stable, level workbench.
3. Attach the work table to the main unit, ensuring it is securely fastened and level.
4. Install the rip fence and miter gauge as per the diagrams in the full manual.

3.2 Blade Installation and Tensioning

The bandsaw typically comes with a blade pre-installed. However, for replacement or initial setup, follow these steps:

1. Ensure the power cord is disconnected.
2. Open the blade covers.

3. Carefully place the blade around the upper and lower wheels, ensuring the teeth point downwards towards the table.
4. Adjust the blade tensioning knob until the blade is taut but not overly stressed. Refer to the tension indicator if available.
5. Adjust the blade guides (both upper and lower) so they are close to, but not touching, the blade sides. The rear thrust bearing should be just behind the blade.
6. Close the blade covers securely.



Figure 2: Adjusting the blade guides for optimal performance and safety.

3.3 Power Connection

Connect the bandsaw to a suitable 230 Volt power supply. If the power plug is not compatible with your local outlets (e.g., a UK plug), use an appropriate and certified adapter.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

1. Ensure all safety precautions are observed.
2. Turn on the bandsaw using the power switch. Allow the blade to reach full speed before beginning a cut.
3. Gently feed the workpiece into the blade, applying steady, even pressure. Do not force the material.

4. Guide the material smoothly through the blade, following your marked line.
5. Once the cut is complete, turn off the bandsaw and wait for the blade to stop completely before removing the workpiece or offcuts.

4.2 Using the Rip Fence

The rip fence is used for making straight, parallel cuts. Adjust the fence to the desired width from the blade and secure it firmly.

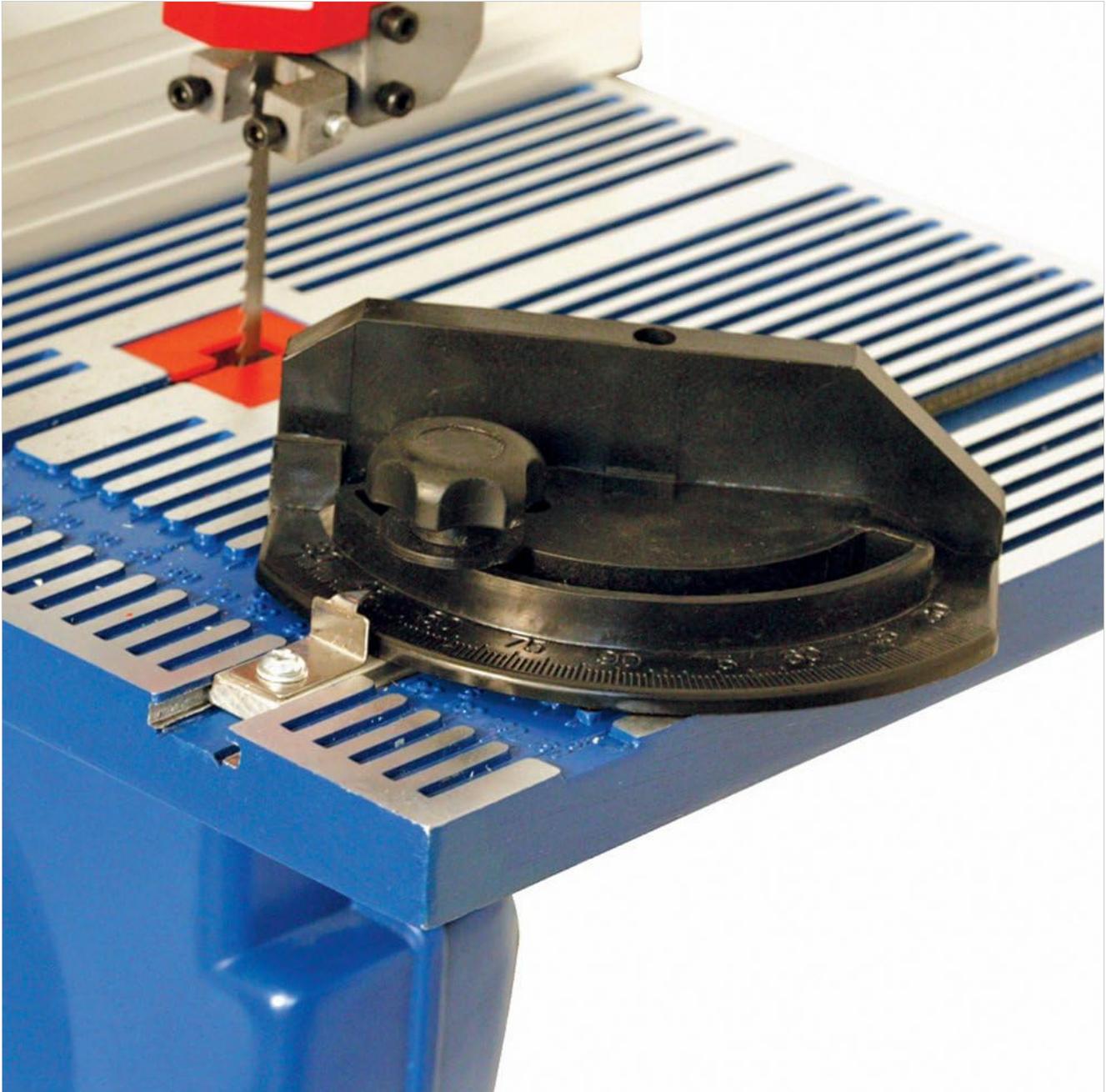


Figure 3: The rip fence helps achieve straight and consistent cuts.

4.3 Using the Miter Gauge

The miter gauge allows for accurate angled cuts. Insert the miter gauge into the slot on the work table, set the desired angle, and lock it in place. Use it to guide the workpiece for cross-cuts or angled cuts.



Figure 4: The miter gauge for precise angled cuts.

4.4 Bevel Cuts

The work table can be tilted to make bevel cuts. Loosen the table locking mechanism, adjust the table to the desired angle (up to 45 degrees), and re-secure the lock. Always perform a test cut on scrap material to verify the angle.

5. MAINTENANCE

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

5.1 Cleaning

- Always disconnect the power before cleaning.
- Regularly clear sawdust and debris from the work table, blade area, and motor vents.
- Utilize the dust extraction port by connecting it to a suitable vacuum system to minimize airborne dust.

5.2 Blade Replacement

Replace dull or damaged blades promptly. Follow the blade installation steps in Section 3.2 in reverse to remove the old blade, then install the new one. Ensure the new blade is the correct size (1425 mm) and type for your application.

5.3 Blade Guide Adjustment

Periodically check and adjust the blade guides and thrust bearings to ensure they provide proper support without binding the blade. Incorrect adjustment can lead to poor cut quality and premature blade wear.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blade wanders or cuts inaccurately	Dull blade, incorrect blade tension, misaligned blade guides, worn thrust bearings.	Replace blade, adjust blade tension, realign blade guides, inspect and replace worn bearings.
Motor overheats or lacks power	Overloading the motor, poor ventilation, faulty motor.	Reduce feed rate, clear motor vents, contact service for motor inspection.
Excessive vibration or noise	Loose components, unbalanced blade, worn bearings.	Check and tighten all fasteners, replace blade, inspect and replace bearings.
Blade derails from wheels	Incorrect blade tension, misaligned blade tracking, worn tires on wheels.	Adjust blade tension, adjust blade tracking, replace worn wheel tires.

7. SPECIFICATIONS

Manufacturer: Silverline

Model Number: 441563 (919366)

Power Input: 350W

Voltage: 230 Volt

Max Cutting Depth: 80 mm

Max Cutting Width: 190 mm

Blade Length: 1425 mm

Blade Material: High-speed steel

Table Dimensions: 300 x 300 mm

No-Load Speed: 5000 RPM

Weight: 15.5 kg

Certifications: CE, UKCA

Included Components: Blade, rip fence, dust extraction port, miter gauge

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Silverline customer service or refer to the official Silverline website. Keep your proof of purchase for any warranty claims.

Manufacturer: Silverline

Website: www.silverlinetools.com

