

WEN Band Saw

Model 3959 9"

1. Use this band saw for cutting WOOD ONLY.
2. Connect with Pitsco Idea Shop staff for assistance with blade replacement, tensioning, guard adjustments or other machine settings.
3. To avoid injury from unexpected movement, make sure the saw is on a firm, level surface.
4. Use the correct size and style of blade. Inspect blades for cracks and missing teeth before each use. Do not operate with dull, cracked or badly worn blade. Dull blades require more effort to use and are difficult to control. Inform Pitsco Idea Shop staff if a blade needs to be replaced.
5. When replacing blades, make sure the blade teeth are pointing down and towards the table. Check that the blade is properly tensioned before operating.
6. Blade guides, blade tracking and tensioning must be properly adjusted to optimize performance and minimize blade breakage.
7. To maximize blade support, always adjust the upper blade guide and blade guard so that it barely clears the work- piece. The blade guard should be no more than 1/8 of an inch from the upper edge of the workpiece
8. Do not operate this band saw without the blade guards in place.
9. Make sure the table adjustment knob is locked and the table is secure before operation.
10. Workpieces should be secured/supported so they don't twist, rock, or slip while being cut. Small pieces should be secured with clamps or fixtures. Do not hold small pieces with your hand because your fingers might go under the blade guard.
11. Use extra caution with very large, very small, or awkwardly-shaped workpieces. Seek assistance from Pitsco Idea Shop staff if needed.
12. Plan intricate or small work carefully to avoid pinching the blade.
13. Avoid awkward operations and hand positions to prevent accidental contact with the blade.
14. Support round work properly (use a V block or press it against the miter gauge) to prevent it from rolling.
15. Use a work support when cutting long stock to avoid pieces from falling down after the cut has been completed.
16. Cut only one workpiece at a time. Make sure the table is clear of everything except the workpiece and its guides before you turn the saw on.
17. BE ALERT. Never position fingers or thumbs in line with the cut. Serious personal injury could occur.
18. Always watch the saw run before each use. If there is excessive vibration or unusual noise, stop immediately. Turn the saw off and unplug it immediately. Do not start the saw again until the problem has been located and corrected. Seek assistance from Pitsco Idea Shop staff if needed.

19. Do not attempt to stop or slow the blade with your hand or a workpiece. Wait for the blade to stop on its own.
20. To free any jammed material, turn the switch off. Remove the switch key and unplug the saw. Wait for all moving parts to stop before removing the jammed material.
21. Take all necessary precautions to avoid kickback during operation.
22. Plan your cuts so you always cut entirely through the wood. Do not back the workpiece away from the blade while the saw is running. If you need to remove the blade from a partially cut workpiece, you first must turn the band saw OFF and wait for the blade to come to a complete stop. Do not twist or put excessive stress on the blade while removing it from a workpiece.
23. Don't leave the work area until all moving parts have stopped. Shut off the power to master switches.
24. Switch the power to OFF and remove the plug before performing any inspections, adjustments, and maintenance. Wait for all moving parts to come to a complete stop.
25. If any part of this band saw is missing, broken, bent, or damaged in any way, or if any electrical component fails to perform properly, shut off the power switch, remove the machine plug from the power source and inform Pitsco Idea Shop staff.

TECHNICAL DATA

Model Number: 3959

Induction Motor: 120 V, 60 Hz, 2.5A

Blade Speed: 2500 FPM

Throat: 9 inches (228 mm)

Cutting Depth: 3-1/2 inches (89 mm)

Work Table Size: 12-5/16 x 11-7/8 inches

Table Bevel Angle: 0 to 45 degrees right

Blade Length: 59-1/2 inches (1511 mm)

Blade Width: 1/8 to 3/8 inches

Dust Port Size (Outer Diameter): 2-1/2 inches (64 mm)

Net Weight: 40 pounds

Assembled Dimensions: 19 X 14 X 29 Inches

[User Manual](#) (pdf)

Band Saw Blade Guide

Blade Width	Minimum Cutting Radius
1/8 in.	3/16 in.
3/16 in.	5/16 in.
1/4 in.*	5/8 in.
3/8 in.	1-1/2 in.

*The standard blade installed for the Pitsco Idea Shop is 1/4 in. wide. Request authorization to change blade width from Pitsco Idea Shop staff.

KNOW YOUR BAND SAW

Use the graphic below to become familiarized with the different parts and controls of your band saw.

