



Band Saw SWP 002

Warning:

The use of this tool may be hazardous. Safety precautions must be observed to reduce the risk of personal injury. It is important to fully understand and observe the following safety precautions and procedures. If not familiar with the use of this equipment, obtain practical instruction from a competent operator or supervisor. Do not operate without thorough training or unless under the direct supervision of an instructor. Do not operate if safety devices are not in place.

Background:

The band saw is used for cutting pieces of steel, plastic or wood that require to have between a 45 and 90 degree cut across a piece of steel at any length up to 6" thick and 16" wide.

Hazards:

• Cuts	• Amputations	• Metal Shavings	• Heat
• Noise	• Electrical Shock	• Entrapment	

PPE Required:

• Face shield or eye protection	• Safety footwear	• Gloves	• Approved hearing protection
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Pre Set-Up:

- Ensure you are wearing appropriate PPE.
- Ensure lighting is adequate.
- Do not wear loose clothing.
- Make sure lock out switch is off.
- Lift and lock bandsaw blade in the air with the hydraulic valve beside the stop button.
- Adjust the work piece "stop" from the blade for proper length and to use as a guide.
- Use a saw horse roller if work piece is too long for saw to clamp.
- Properly adjust the work piece clamp tight at the proper angle and width of steel.
- Ensure support roller is adjusted 2" wider than steel for clearance of the clamp.
- Ensure all locking adjustment handles are tight.
- Ensure metal coolant ball valve is open to allow liquid out.

Procedure:

- **Keep Arms, Hands, and Fingers away from the blade**
- Adjust hydraulic valve so blade comes down **slowly** and **gently** on work piece and continues to cut.
- Avoid Awkward operations, and hand positions where a sudden slip could cause a hand to move into the blade
- **Never** start the machine before clearing the machine of all objects (scraps, etc.)
- **Never** start the machine with the work piece against the blade
- **Never** reach under the saw while the machine is running
- **Turn the machine " OFF "**, disconnect the machine from the power source before installing or removing accessories , before adjusting or changing set-ups or when making repairs
- **Turn the machine " OFF "** to back out of an uncompleted or jammed cut



- **Turn the machine “ OFF “** and wait for the blade to stop prior to cleaning the blade area, removing debris near the blade, removing or securing work piece, or changing the angle of the table. A coasting blade can be dangerous
 - **Never** set-up work on the machine when the machine is running

Post Procedure/Take Down

- **Turn the Machine “ OFF “.**
- Clean the Metal Band Saw area before leaving the machine.
- Throw scraps in scrap steel bin.

Summary

- Wear safety glasses/face shield and all PPE.
- Ensure Metal Band Saw is in good working order before using.
- Ensure blade is not broken.
- Always ensure the machine is switched “ OFF “ and unplugged before making adjustments to the machine
- Always use support rollers if needed
- Always – report all faults to Supervisor, Tag out as unsafe until problem fixed