

Band Saw Safety

Prior to using a band saw, you **must** receive basic shop safety training and equipment specific training before using this tool. You **must** wear appropriate PPE and follow all shop rules. Refer to the manufacturer's operating manual for all operating procedures.

General Band Saw Safety

- Use the proper pitch blade for the thickness of the material to be cut. There should be at least 2 teeth in the material when cutting aluminum and three teeth when cutting steel.
- Allow the saw to reach full set speed prior to cutting stock.
- Make "release" cuts before cutting long curves.
- Plan saw cuts to avoid backing out of curves in the stock.

Before Starting the Band Saw

- All round stock must be secured in a tabletop vise or clamp prior to starting the cut.
- Ensure the guard doors are closed and the blade is properly adjusted prior to turning on the machine.
- Adjust the upper guard assembly to within $\frac{1}{4}$ -inch of the stock prior to starting the machine. Set the band saw at the appropriate speed for the type of stock being machined.
- Check to ensure the band saw blade is sharpened.
- Check to ensure the band saw is correct for the type of stock and correct speed being used.

While in Operation

- **Do not** force stock into the saw blade. Let the speed of the blade cut stock appropriately.
- **Never** push a piece of stock with hands in front of the saw blade. Use a push stick. Keep hands at a safe distance on either side of the stock being machined.
- Use a push stick or board to push small or irregular sized stock. Small work pieces can also be secured with a tabletop vise or clamp.
- Hold the stock flat on the table prior to starting the cut.
- If the saw blade binds on a piece of stock, turn the saw off and wait until it comes to a complete stop before attempting to remove the blade from the stock.
- If the band breaks, immediately shut off the power and stand clear until the machine has stopped.

Housekeeping and Maintenance

Examine the blade before installing to see if it is cracked, do not install a cracked blade.

Follow EHS's Guideline [Lock-out/Tag-out – Control of Hazardous Energy Sources](#) if servicing is required.

Revision History

REVISION #	DATE	REVISION #	DATE	REVISION #	DATE	REVISION #	DATE
Original	8/17/18						
(New Format)							