



PPE Required: **Safety Glasses**

Prohibited Clothing: gloves, loose clothing, neckties, jewelry

Machine Access Level: **Supervised Only**

Materials Allowed: **wood, plastics, composites and any material approved by AFL supervisors**

Note: no metal of any kind can be cut using this saw!!

Operating Procedure

1. Machine Safety Inspection and Work Area Check-Out

- A. **PPE:** make sure you are wearing the proper PPE and not wearing any equipment listed on the first page that could get caught in the saw.
- B. **Machine Warning Signs:** make sure you read and follow the machine warning signs that are attached to the machine. If you have any questions, ASK!!
- C. **Work Area:** make sure the work area is clean and the work area around the machine is free and clear of debris and personnel.

2. Work Supervision

- A. This machine requires supervision by an AFL employee. A Supervisor or TA will assist you in the set-up and operation of the machine. **You may not operate this machine without supervision.**

3. Machine Adjustment

- A. **Note:** the machine adjustment is to be done with the machine **OFF!**
- B. **Check blade tension indicator:** make sure the blade tension corresponds to the size of the blade. Do not adjust the blade tension yourself; the TA will assist you with this step.
- C. **Adjust blade safety guard:** loosen the blade safety guard adjust knob and slide the blade guard to within ½ inch of the part. Re-tighten the blade safety guard adjust knob.
- D. **Adjust fence:** when applicable, loosen the fence adjust knob and slide the fence to help you control the length of your cut. Re-tighten the fence adjust knob. The TA will assist you with this step.
- E. **Adjust miter gauge push bar:** when applicable, adjust the miter gauge and/or attach push guides to help you move the part through the saw. The TA will assist you with this step.
- F. **Identify the machine controls:** identify the red stop button and the green start button. These controls start and stop the band saw.

4. Machine Operation

- A. **Dust collection system check:** verify with the TA that the dust collection system is ON before starting the machine.
- B. **Turn the machine on:** check with the TA that it is safe to turn on the machine, and push the green start button when instructed to do so.
- C. **Safely cut the part:** **Go slow! Always keep hands and fingers away from the blade.** Use the miter gauge push bar whenever possible. Ask the TA for help.
- D. **Turn the machine off:** when finished with the cut, push the red stop button to shut the machine off.
- E. **Depress foot brake:** **after turning the machine off**, depress the foot brake to stop the rotation of the saw blade. **DO NOT USE YOUR HAND TO STOP THE BLADE!**

5. Clean Up

- A. **Disassemble work set-up:** disassemble any fixturing used to hold or push the part through the saw. Return the appearance of the saw to how it looked when you started.
- B. **Clean up the area:** clean up all messes (for example: use a shop vacuum to clean up any additional saw dust), return all tools, etc. The TA will check that the area is clean before you can sign-out of the AFL.