



PPE Required: Safety Glasses and Face Shield

Prohibited Clothing: gloves, loose clothing, neckties, jewelry

Machine Access Level: Supervised Only

Materials Allowed: wood, plastics, composites

Note: no metal of any kind can be sanded on this machine!!

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 sander.
- 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:** the machine is typically stored in an area out of the way. Ask the TA where to move the machine for operation. 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. **Install dust collection hose:** once machine is moved into location, engage the foot brake on the mobile base. Connect a dust collection hose as directed by the TA.
- C. **Check and adjust belt sander alignment and tension:** The belt sander tension and alignment must be checked before operating this machine. The TA will assist you with this step.
- D. **Adjust sander table:** when applicable, adjust the angle of the table for the belt or disc sander. The TA will assist you with this step.
- E. **Check if fixturing is needed:** Some applications may require fixturing. 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 sander.

4. Machine Operation

- A. **Dust collection system check:** verify with the TA that the dust collection system is ON and connected to the sander 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 sand the part:** **Go slow! Always keep hands and fingers away from the moving sanding surfaces.** While holding on to the part tightly, gently move the part into the sanding surface. For various sanding application advice, consult the Delta operator manual. Ask the TA for help.
- D. **Turn the machine off:** when finished sanding, push the red stop button to shut the machine off. Let the machine come to a stop. **Never touch the moving sanding surfaces.**

5. Clean Up

- A. **Disassemble work set-up:** disassemble any fixturing, clamps, etc used in the sanding operation. Return all parts to their proper location and the appearance of the sander to how it looked when you started.
- B. **Return sander to storage location:** disconnect the dust collection hose and return the sander to the location specified by the TA.
- C. **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.