

This syllabus is intended to aid instructors in providing training for this tool, and for quick reference by existing users. It is not intended to teach you the tool by itself.

1. Safety

1.1. PPE

- Safety glasses required.
- Hearing protection required.
- Respirator recommended.

1.2. Risks

1.2.1 Cuts

- User may be injured by cuts from the cutting edge or abrasion and irritation from other moving parts.

1.2.2 Atmospheric

- User or bystanders may be injured by material, either propelled by kickback or by material falling.
- User or bystanders may sustain damage to hearing.
- User or bystanders may suffer airway irritation from airborne particles during and after cutting.

1.2.3 Entanglement

- User may be sucked into the machine if long hair is not tied back.
- User may be sucked into the machine if user is wearing loose clothing.
- User may be sucked into the machine if user is wearing jewellery, watches, or cables.
- User may be sucked into the machine if user is wearing gloves.

2. Startup checks

2.1. Surrounding area is clear of obstacles

2.2. Other workshop users are alerted to keep clear and to use appropriate PPE

2.3. Tool is rigid

- Table is locked.
- Saw and bed are firmly constrained on all non-cutting axes.

2.4. Workpiece is prepared

- There are no nails, staples, screws, or other metals embedded in the piece.
- The piece is not warped or bent.

3. Usage

3.1. Starting the machine

- Ensure the extractor wall fan is running.
- Tap your tag on the access control.
- Use the power switch to turn on the saw. **TODO: describe more clearly**

3.2. Stopping the machine

- Use the switch to turn off the saw. Wait for the blade to slow completely.
- Log out of access control if leaving the tool unattended.

3.3. General

3.4. Materials

3.5. Cleaning up

4. Maintenance

4.1. General

- If there are any issues, contact tools@edinburghhacklab.com to report them. These may include a damaged blade or terrible screeching noises.