
Welcome to the Da Vinci Workshop

To ensure a safe and efficient working experience, please read and follow these guidelines carefully.

Materials and Processing

The Da Vinci workshop is intended for **wood and plastic processing only**. Materials that **produce sparks or pose a fire risk**, such as metals, **must not be processed** here. For metal work, use the **metal processing room**.

Safety Equipment

- Always wear **safety glasses** and **ear protection** when working.
- Secure **long hair** with a hair tie, bobby pins, or a hairnet to avoid entanglement.
- **Never wear gloves** when operating rotating tools like pillar drills or belt sanders.
- Use **vises or clamps** to secure your workpiece.

Safety Awareness

- Stay alert to **sudden loud noises**.
- Know where the **fire extinguisher** is located.
- Keep the workspace **clean and tidy** — dispose of waste properly.

Collaboration and Machine Use

- Avoid performing **hazardous tasks alone** — work with others when needed.
- To start a machine, **two people** with valid ID cards must activate it at the **card reader by the door**.

Condition and Maintenance

- If a **blade or belt** is dull or damaged, **report it** using the bell in room **A240** or email prototypassar@kth.se.
 - Mark the machine as **“Out of Order.”**
 - Always check that the **dust extraction system** is working before use.
-

Tool-Specific Guidelines

Pillar Drill

- Use **higher speed for small drills**, lower speed for large ones.
- Always **secure your workpiece** with a vice or clamp.

Bandsaw

- Adjust the **blade guard** to 2–3 cm above the workpiece.
- Use a **push stick** to keep your hands safe.

Belt Sander

- Inspect the **belt** before starting.
 - Position yourself to **avoid kickback** or workpiece ejection.
-