

Prusa MK4 3D Printer

CONTACT
Sam Rivera
sam@example.org · Tue/Thu evenings

REQUIREMENTS
Intro to FDM printing (30 min) + sign-off

Before you start

- Check the **build plate is clean** — wipe with IPA if greasy.
- Confirm the spool has enough filament for your print.

Printing

1. Slice your model in **PrusaSlicer** using the *MK4 — 0.2mm SPEED* profile.
2. Export G-code to the USB stick (or send over the network).
3. On the printer: **Print** → **select file** → **confirm filament type**.
4. Stay for the **first layer** — make sure it sticks before walking away.

When you're done

- Remove your print and **pop off any skirt/brim** from the plate.
- Leave the plate clean and the area tidy.
- **Scan the LOG QR** to record your session.

⚠ Never leave a print running overnight unattended.

Watch first

Scan for the 2-minute first-print walkthrough video.



<https://www.youtube.com/watch?v=primer>



Scan to LOG USE



github.com/sliptonics/lantern



Scan to EDIT

Epilog Laser Cutter

CONTACT
Dana Kim
dana@example.org · weekends

REQUIREMENTS
Safety course + supervised first cut. NO
untrained use.

Safety first

- **Know your material.** Only cut approved materials (see the posted list). **Never** cut PVC/vinyl — it releases chlorine gas.
- Confirm the **exhaust fan is ON** before lasing.
- **Never leave the laser unattended** while it is running. Keep a view of the bed.

Cutting

1. Set up artwork in **Inkscape**: hairline (0.01mm) red strokes = cut, black fill = engrave.
2. Place material, **set focus**, and run **Air Assist**.
3. Send the job and **close the lid** — the laser won't fire while open.
4. Watch for **flare-ups**. If flames persist, hit the **E-stop**.

After

- Let the exhaust run ~30s, then remove your parts.
- Empty small offcuts; wipe the bed.
- **Scan the LOG QR** to record your session.

Material settings

Scan for the cut/engrave settings guide.



<https://www.youtube.com/watch?v=laser>



Scan to LOG USE



github.com/sliptonic/lantern



Scan to EDIT