LOADING FILAMENT

REVO OS

System version 1.4.33 · November 2026

Revon printers: Belt 350 · 600×600×400 · 600×600×600 · 1200×600×500



REVON BELT

350 × 350 × 300 mm · pas

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Loading and unloading filament

Load

1. On the screen choose **Filament → Load filament**. The nozzle must be at least 180°C – pick a preset or set the temperature.
2. Cut the filament end at an angle with a knife or cutters. A straight, crushed end often will not enter the extruder.
3. Push the filament into the extruder until you feel the gears grip. The filament sensor confirms this step.
4. The machine feeds 100 mm and purges the nozzle. An even, uniform strand in the new colour should come out.
5. Remove the excess under the nozzle with pliers. Do not touch the nozzle – it is above 200°C.

Unload

1. **Filament → Unload filament**. The machine heats the nozzle, pushes out a little material and retracts the filament.
2. When the filament loosens, pull it out with a steady motion. Do not yank.
3. Secure the spool end in the hole on the rim so it does not unwind.

When something goes wrong

- **Filament will not go in** – check that the end is cut at an angle and has no bulge.
- **Nothing comes out of the nozzle** – wait until the nozzle reaches temperature. If still nothing, run the **Machine test** and report the result to service.
- **Extruder clicks** – temperature too low for this material, or a clogged nozzle. Do not force it.