caribou3d

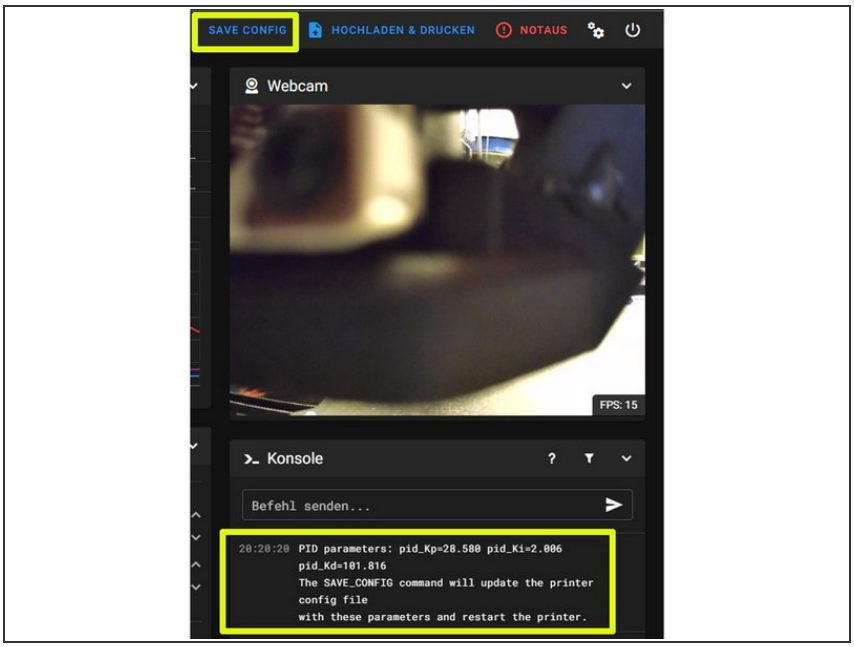
03_PID tuning

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Step 1 — Extruder PID Tuning

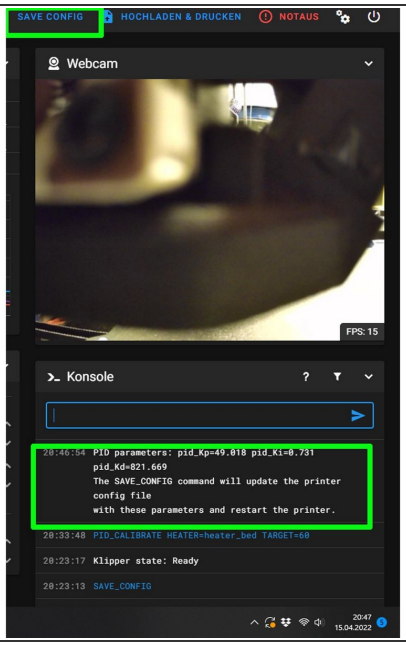


- We enter the following command in the Mainsail console: PID_CALIBRATE HEATER = extruder TARGET = 210 and confirm with Enter. The extruder now heats up to 210 degrees plus / minus several times and cools down in between.
- When the tuning is finished, the determined values for Kp, Ki and Kd displayed. About Save Config the values are adopted.

ⓘ Who primarily with PETG or similar prints, instead of the 210 °, a higher temperature, e.g. Specify 230 °.

⚠ The printer should be supervised during tuning!!

Step 2 — Heated bed PID tuning



- We now enter the following command in the Mainsail console: PID_CALIBRATE HEATER = heater_bed TARGET = 60 and confirm with Enter. The heatbed now heats up to 60 degrees plus / minus several times and cools down in between.
- When the tuning is finished, the determined values are again via Safe Config saved

ⓘ The PID tuning takes significantly longer with the heatbed. Of course, other temperatures can also be specified here.

⚠ New line.The printer must not remain unattended during tuning!!