

SeeMeCNC Guides

DUET Change Stepper Motor Steps/mm

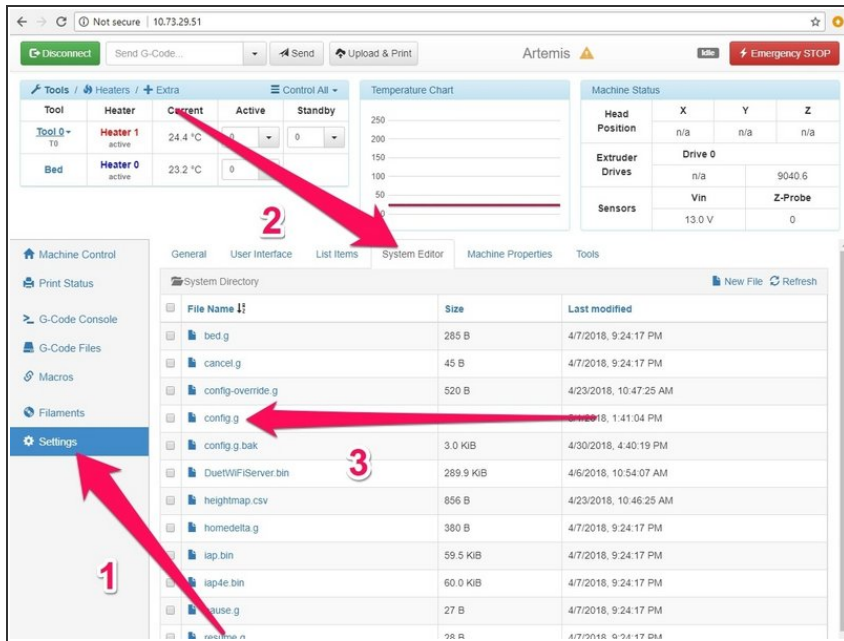
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The screenshot shows the SeeMeCNC web interface. At the top, there's a browser address bar showing "10.73.29.51". Below it, a control bar includes a "Disconnect" button, a "Send G-Code..." input field, "Send" and "Upload & Print" buttons, and a status area showing "Artemis" and "Idle" with an "Emergency STOP" button.

The main interface is divided into several sections:

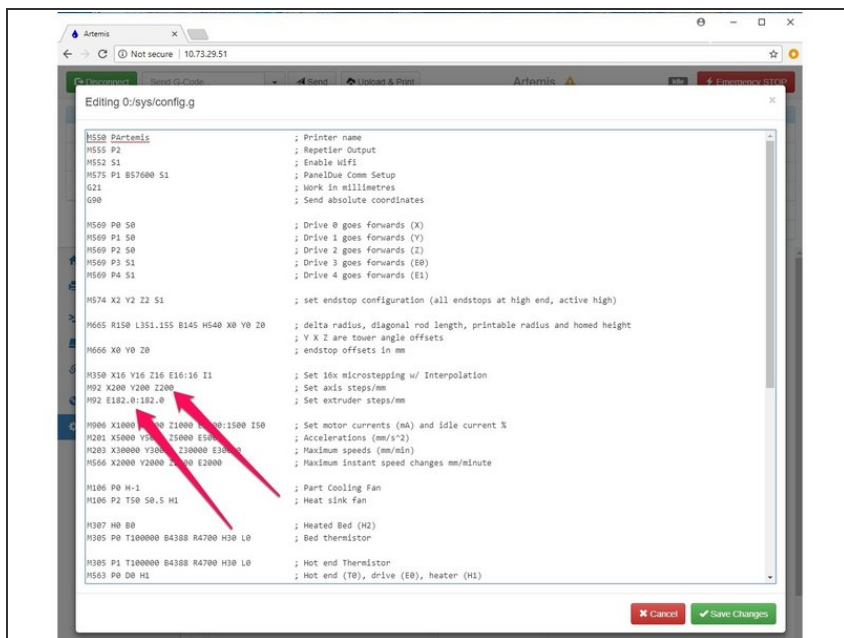
- Tools / Heaters / Extra:** A table with columns: Tool, Heater, Current, Active, Standby. It shows "Heater 1" at 24.4 °C and "Heater 0" at 23.2 °C. A red arrow labeled "2" points to the "Current" column.
- Temperature Chart:** A line graph showing temperature over time.
- Machine Status:** A table showing head position (X, Y, Z), extruder drives (Drive 0), and sensors (Vin, Z-Probe).
- System Directory:** A table listing files and folders. A red arrow labeled "3" points to the "config.g" file.
- Left Sidebar:** A menu with options: Machine Control, Print Status, G-Code Console, G-Code Files, Macros, Filaments, and **Settings** (highlighted with a red arrow labeled "1").

Step 1 — Open config.g



- 1. Put your printer's IP address into the command bar on your browser to open the Duet web interface
- 2. Go to Settings, then System Editor
- 3. Click on config.g

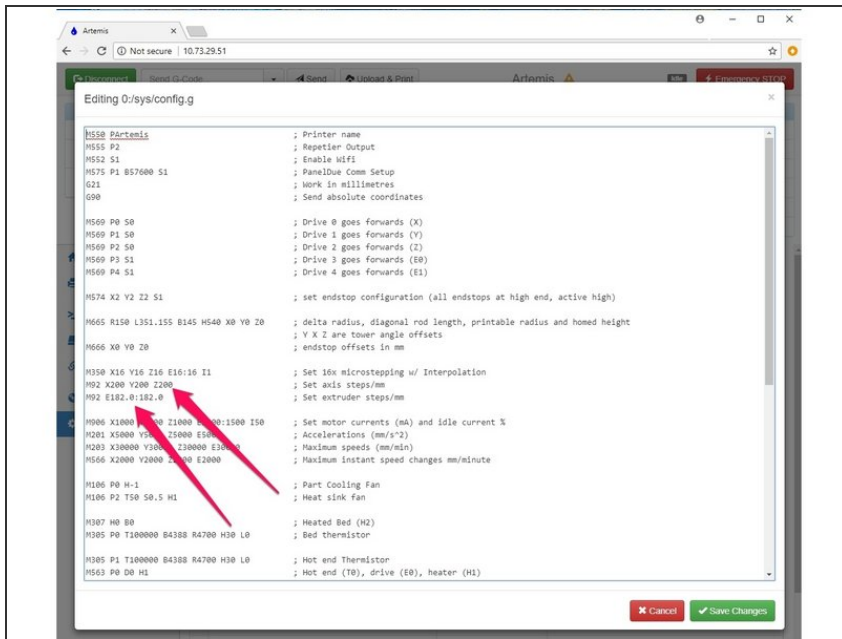
Step 2 — Edit config.g for your steps/mm 1.8 Degree Steppers



⚠ These are the values for 1.8 degree stepper motors otherwise skip to Step 3

- Change values of these two lines starting with "M92"
- 1.8 degree stepper and 20 tooth pulley settings:
 - M92 X80 Y80 Z80
 - M92 E91.0:91.0
- 1.8 Degree stepper and 16 tooth pulley settings:
 - M92 X100 Y100 Z100
 - M92 E91.0:91.0

Step 3 — Edit config.g for your steps/mm 0.9 Degree Steppers



⚠ These are the values for 0.9 degree stepper motors.

- Change values of these two lines starting with "M92"
- 0.9 degree stepper and 20 tooth pulley settings:
 - M92 X160 Y160 Z160
 - M92 E182.0:182.0
- 0.9 Degree stepper and 16 tooth pulley settings:
 - M92 X200 Y200 Z200
 - M92 E182.0:182.0