

Slicer Configurations

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On this page you will find instructions for configuring a slicer on your personal computer to match what we have at Makersmiths, You should still slice your files on the computer at Makersmiths, but this will allow you to plan for how long your print will take and any specific changes required by your stl.

Ultimaker Cura

Adding Printers

Ender-3 V2

Start G-code	End G-code
<pre>; Ender 3 Custom Start G-code G92 E0 ; Reset Extruder G28 ; Home all axes M420 S1 L0 ; activate leveling M420 S1 Z2 ;Use Level Mesh up to 2mm; M413 S0 ;Disable Power Loss Recovery M104 S{material_standby_temperature} ; Start heating up the nozzle most of the way M190 S{material_bed_temperature_layer_0} ; Start heating the bed, wait until target temperature reached M109 S{material_print_temperature_layer_0} ; Finish heating the nozzle G1 Z2.0 F3000 ; Move Z Axis up little to prevent scratching of Heat Bed G1 X0.1 Y20 Z0.3 F5000.0 ; Move to start position G1 X0.1 Y200.0 Z0.3 F1500.0 E15 ; Draw the first line G1 X0.4 Y200.0 Z0.3 F5000.0 ; Move to side a little G1 X0.4 Y20 Z0.3 F1500.0 E30 ; Draw the second line G92 E0 ; Reset Extruder G1 Z2.0 F3000 ; Move Z Axis up little to prevent scratching of Heat Bed G1 X5 Y20 Z0.3 F5000.0 ; Move over to prevent blob squish</pre>	<pre>G91 ;Relative positioning G1 E-2 F2700 ;Retract a bit G1 E-2 Z0.2 F2400 ;Retract and raise Z G1 X5 Y5 F3000 ;Wipe out G1 Z10 ;Raise Z more G90 ;Absolute positioning G1 X0 Y{machine_depth} ;Present print M106 S0 ;Turn-off fan M104 S0 ;Turn-off hotend M140 S0 ;Turn-off bed M84 X Y E ;Disable all steppers but Z</pre>