

GENERAL PROCESS

1. Get an .stl file
 - Either from a website like Thingiverse or export a design from Fusion 360
 - When exporting from Solidworks, save first as a part and then as an STL.
2. Click the “Load Model” button and upload your model to Cura.
3. Rotate and resize as desired
 - Right click to open a menu for deleting objects or resetting their positions/transformations
4. Double-check your printer settings
 - Make sure the printer profile (under “Machine”) matches the type of your printer
 - If not, click “Add new machine” and go through the set-up process
 - Make sure the temperatures match your material
 - quickprint settings: click “All” under “Material ease of use” and then find your material
 - full settings: adjust “Printing temperature” and “Bed temperature” accordingly
 - Make sure there are no issues with the model
 - Take a look at the “Layers” under the “Normal” button (right side of screen) and check if anything looks off (parts missing, warped, etc)
 - If any issues arise, see the Common Issues section
5. Option 1: Save a Gcode for the Taz 6 (big printer)
 - Insert an SD card into your computer or use an SD card reader if you don’t have the correct port
 - Click “Save Gcode” and locate your SD card
 - NAME YOUR PRINT SOMETHING RECOGNIZABLE
 - Keep in mind the Lulzbot Minis do not have the SD card option
6. Option 2: Control (RECOMMENDED)
 - Connect to the printer (shown through “Operational” status and listing of temperatures)
 - Click “Print”
 - There is no need for setting positions or temperatures before clicking print. The printer will calibrate and set them by itself.
 - DO NOT CANCEL THE PRINT IF THE PRINTER DOES NOT DO ANYTHING IMMEDIATELY. Chances are, the printer is simply heating or cooling; let it do it’s thing.
 - The extruder will heat up/cool down to about 170 degrees before calibrating, and will also pause to heat up to your desired temperature after calibration. DON’T WORRY ABOUT THAT.

7. Removing the print

- Wait one minute at the very least before removing the print. Use your best judgement with the timing of the removal.
 - Too soon will cause bending of the bottom of the print, too late will cause it to become stuck to the bed
 - If the print won't come off (especially with nGen), heat up the bed a little and try again.