

BotFactory Squink Software User Manual

JF Brandon
Jf.brandon@botfactory.co
www.botfactory.co

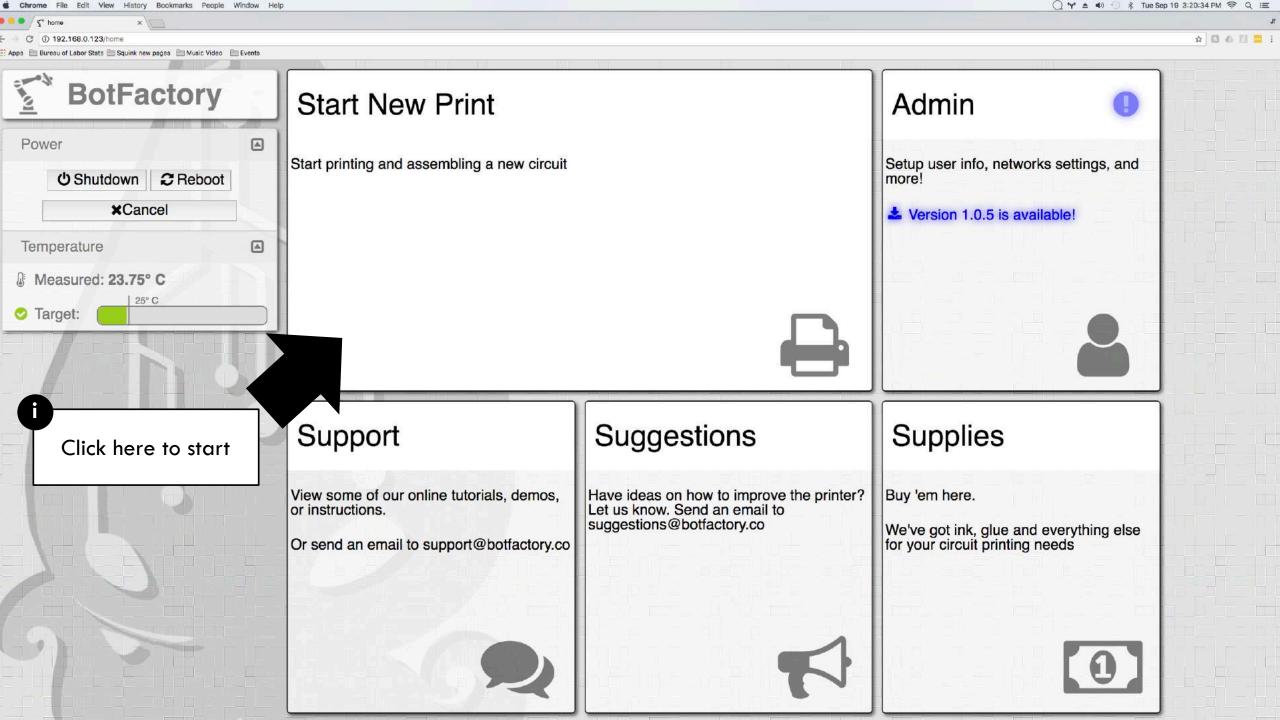
NYC, Sept 2017 V1.0.5

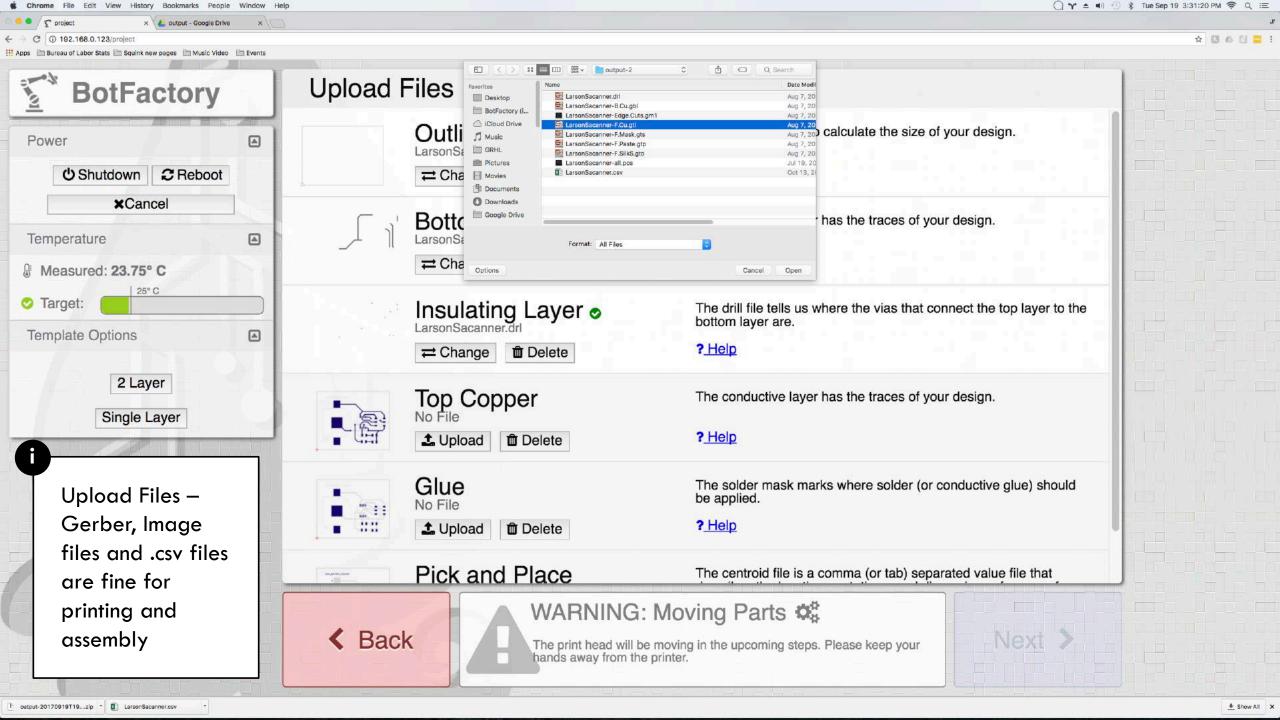
BOTFACTORY SQUINK PCB PRINTER

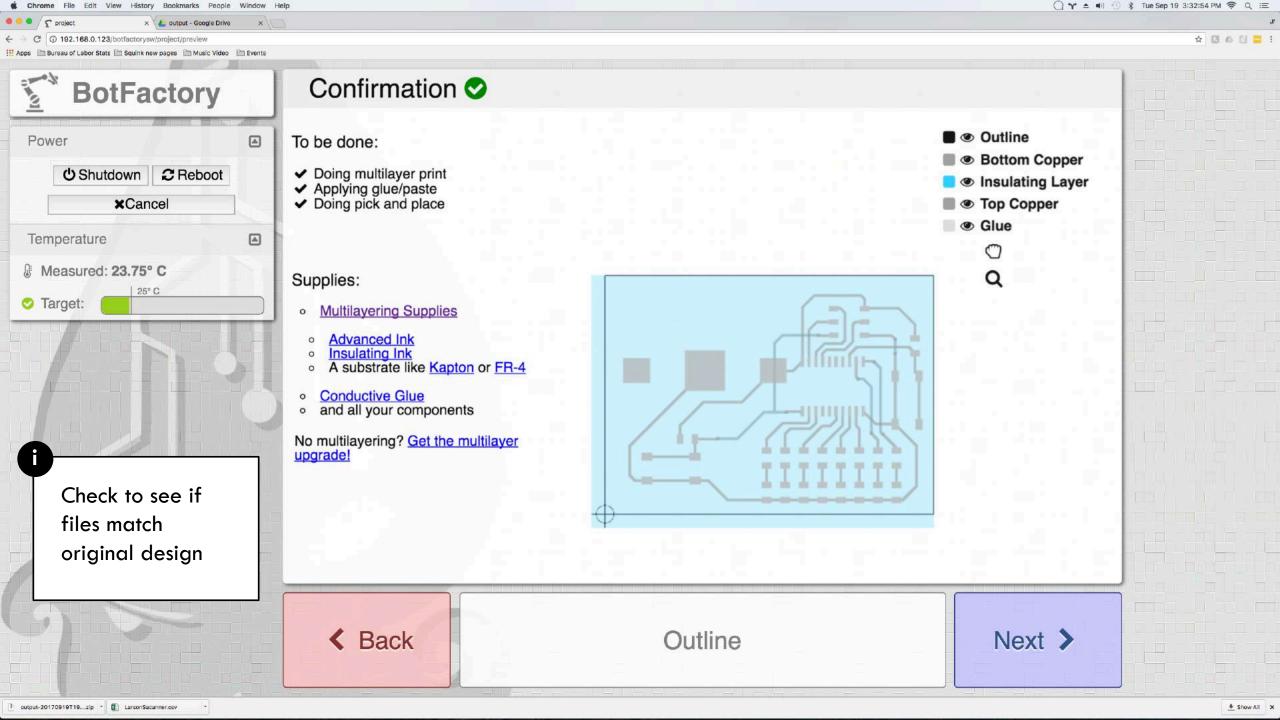
- We created a machine to print and assemble PCB on rigid or flex circuits for rapid prototyping of electronics and make the World an easier place for students, educators, researchers and companies involved in Hardware.
- We follow the rule of 'Software-as-a-manual', designing the interface to be like a 'Wizard', leading the user through each step of the process
- For live demonstrations and webinars, <u>subscribe to our newsletter on our website</u> and <u>our YouTube Channel</u>
- If you have any questions, contact us at contact@botfactory.co

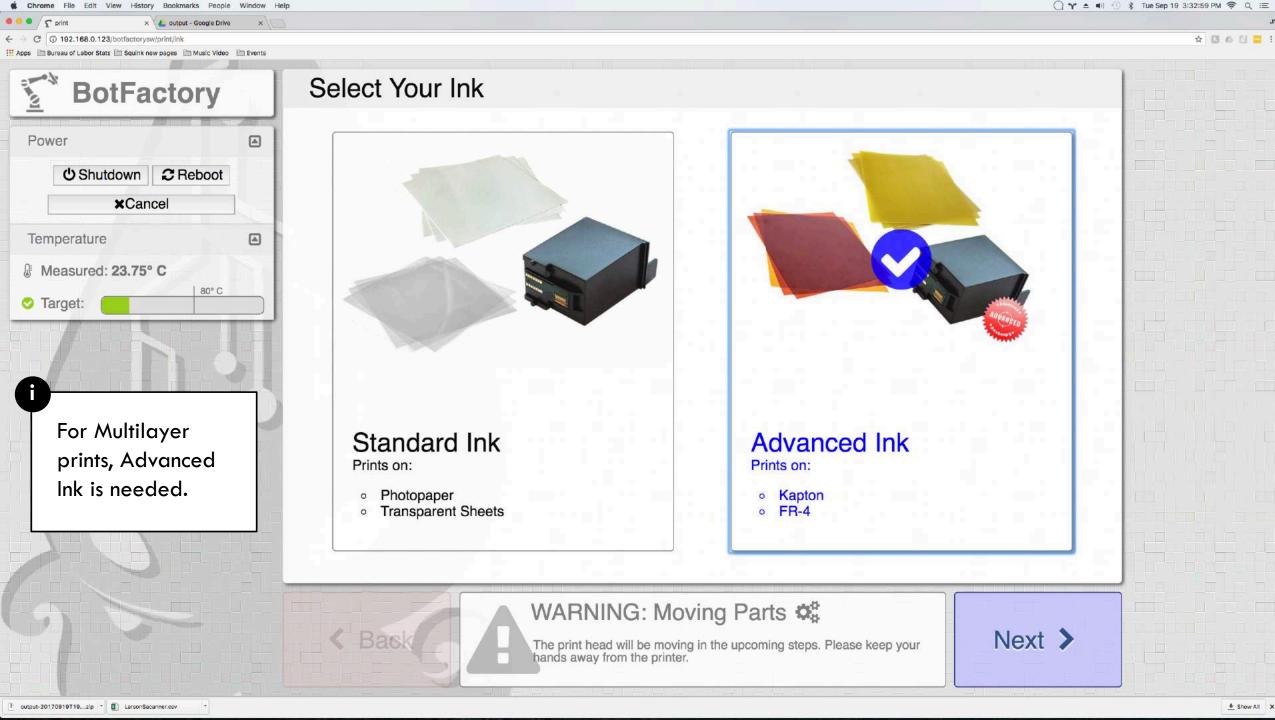
HOW DO YOU CONNECT TO SQUINK

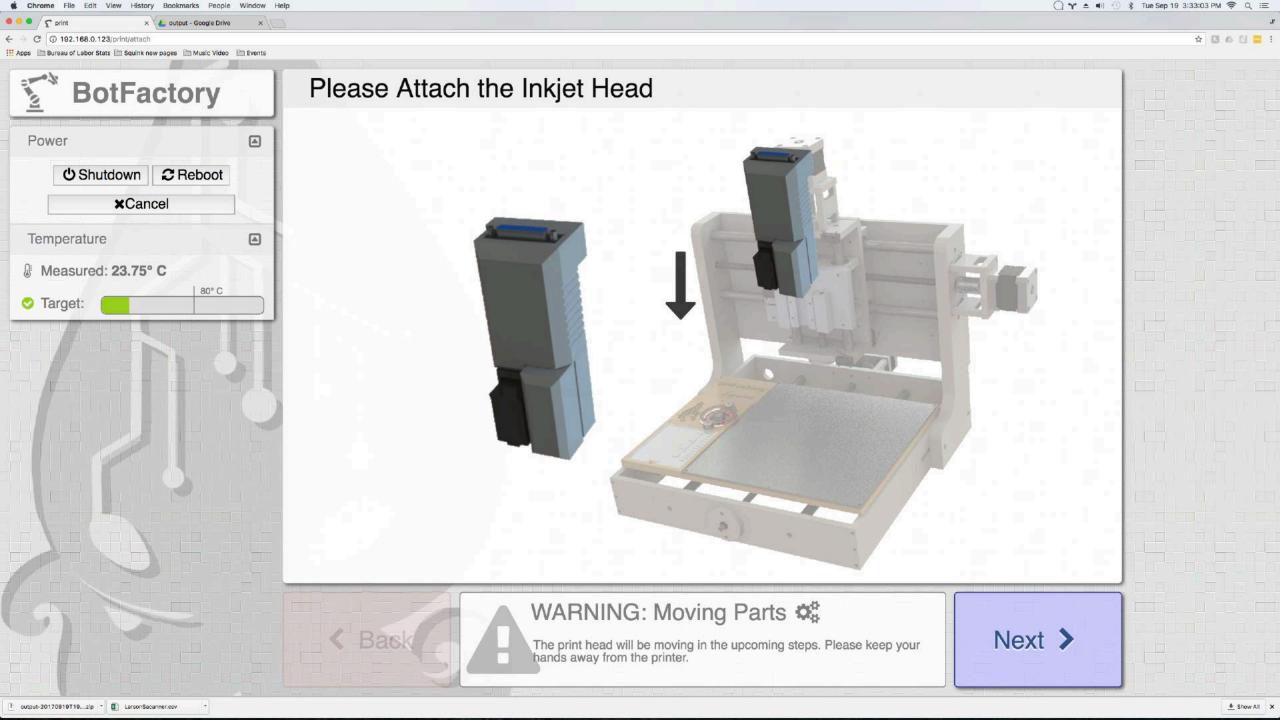
- Browser-based Interface need a network or direct-ethernet connection. No USB connection, nor any downloading needed. Software on-board
- Use ethernet cable or WiFi to connect machine to router (with your computer connected to Router), or...
- Use ethernet cable to connect directly to Squink
- Open browser and type in http://squink.local and begin printing!
- For more information and help on connection, take a look at our support page



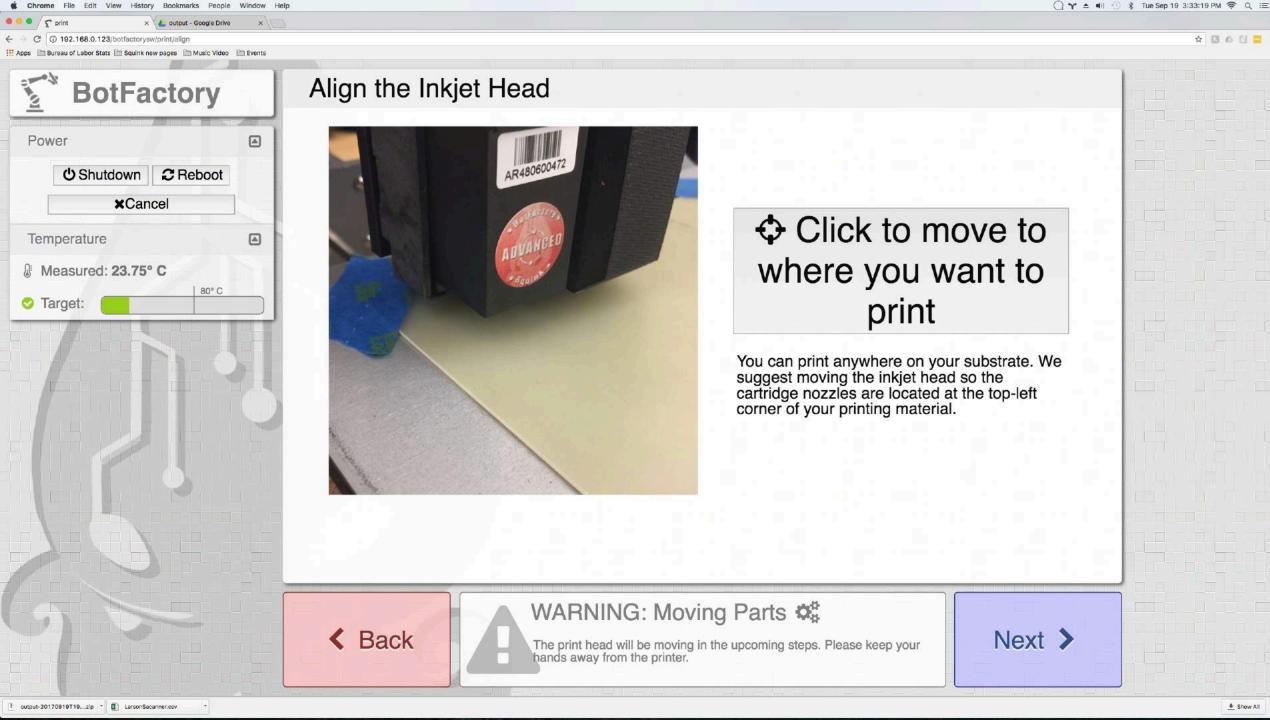


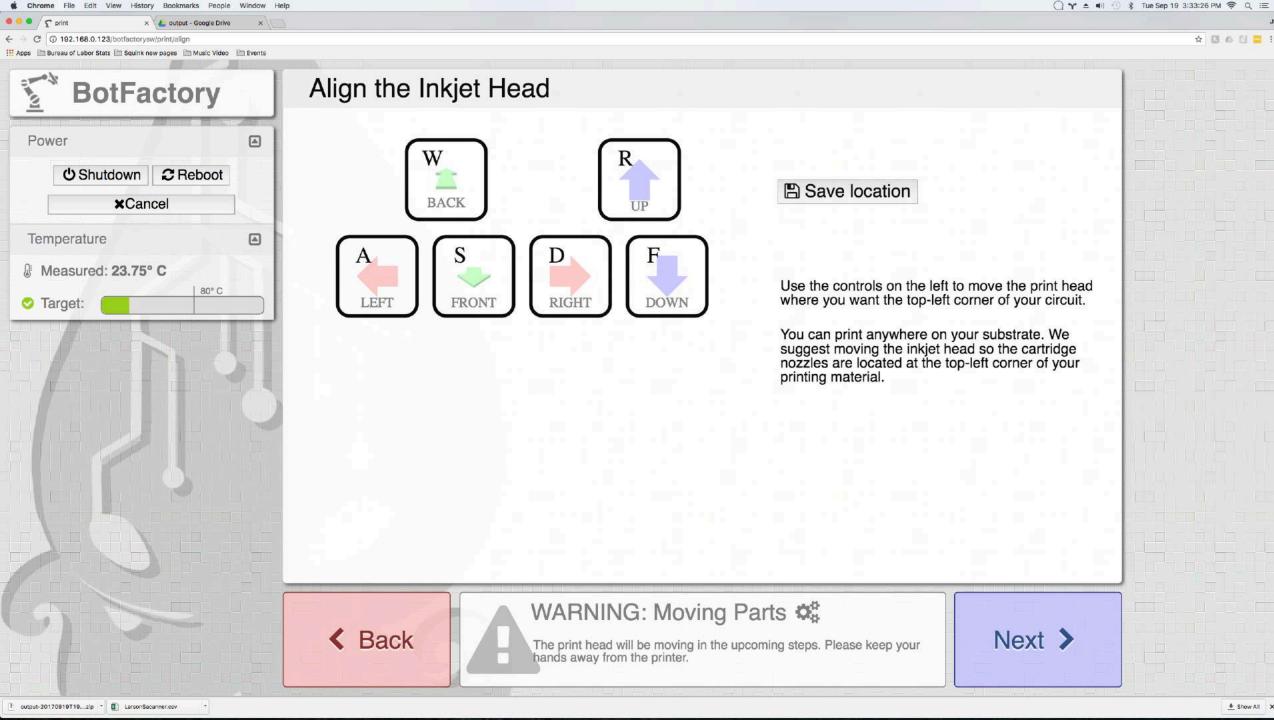


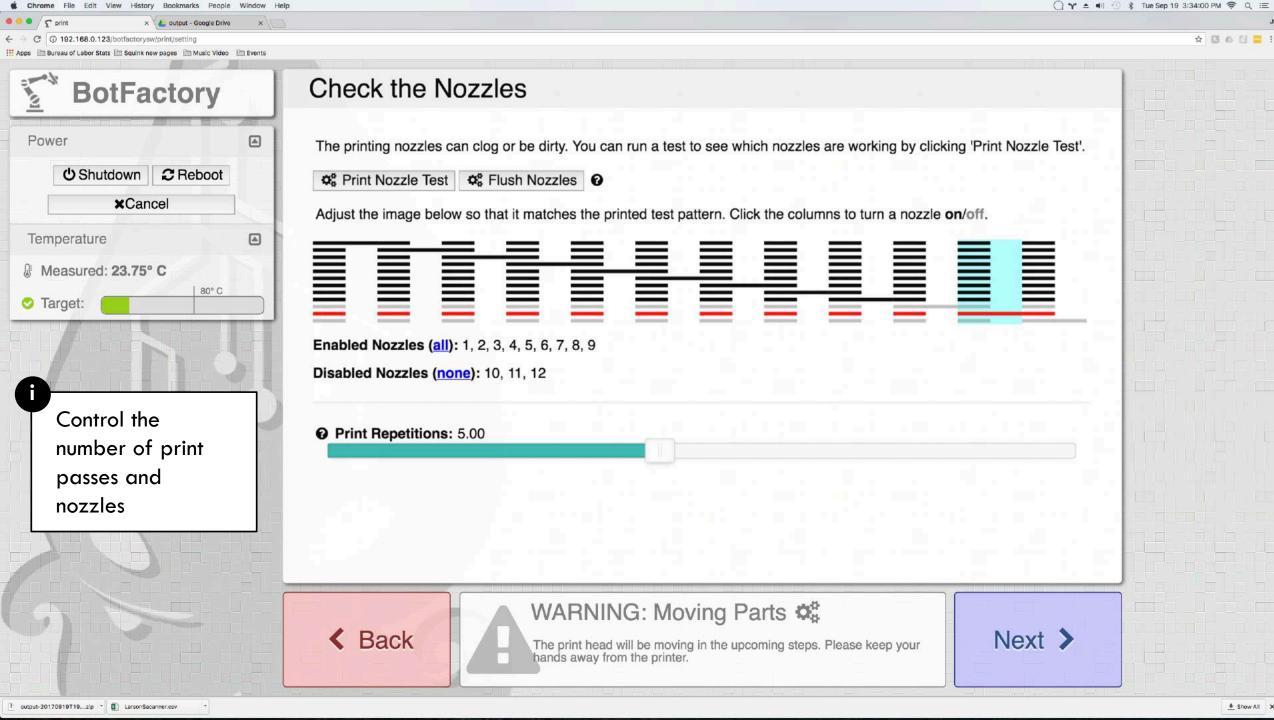


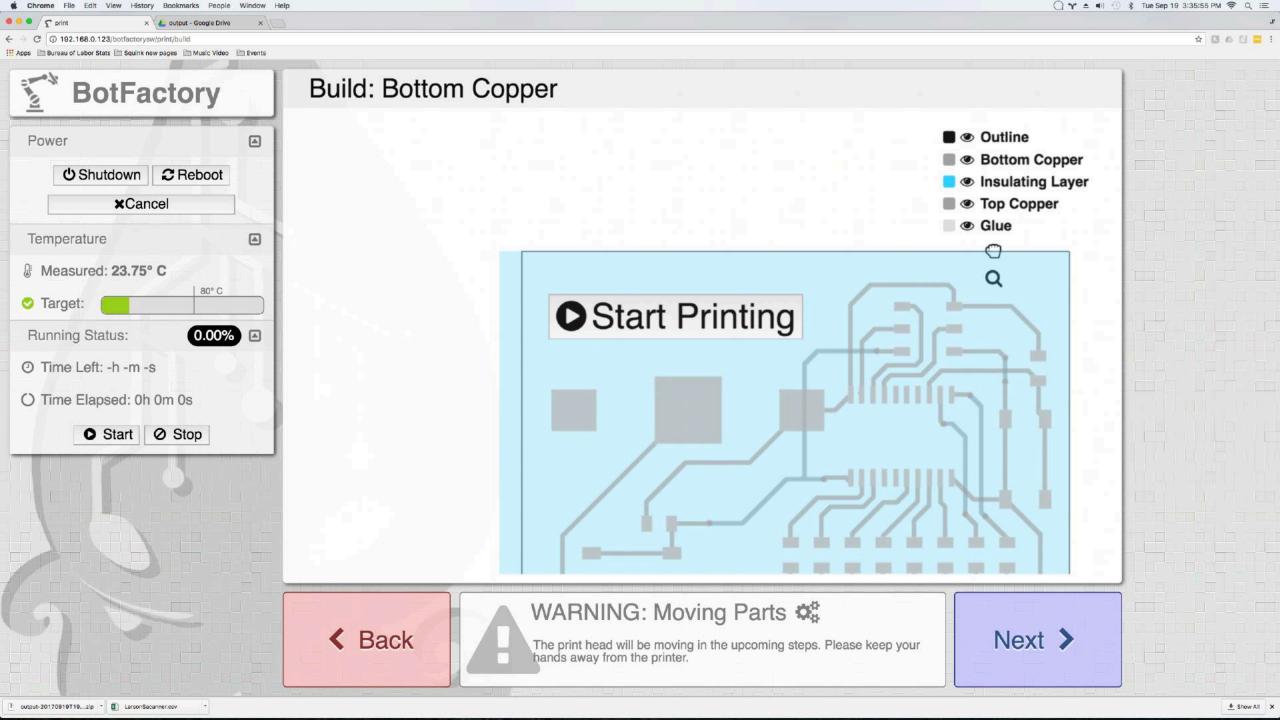












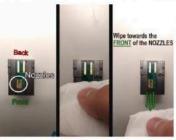


This is crucial cartridge care means longer shelf-life

After-Print Care and Storage









IV.

After finishing a print, it is recommended that both Advanced and Standard Inks must be wiped, treated with a drop of water, taped and stored.

- Please follow these steps:
 - I. Remove cartridge
 - II. Clean nozzles
 - III. Tape nozzles
 - IV. Store in a refrigerator(for advanced ink)

Back

WARNING: Moving Parts OF

The print head will be moving in the upcoming steps. Please keep your bands away from the printer.

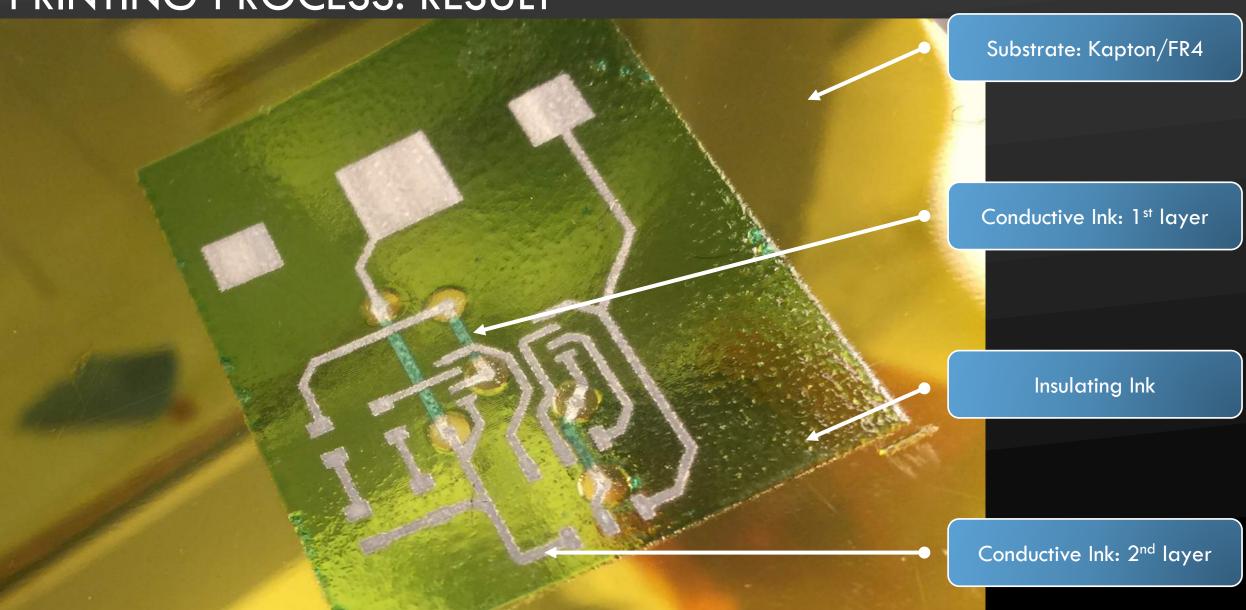
Next >

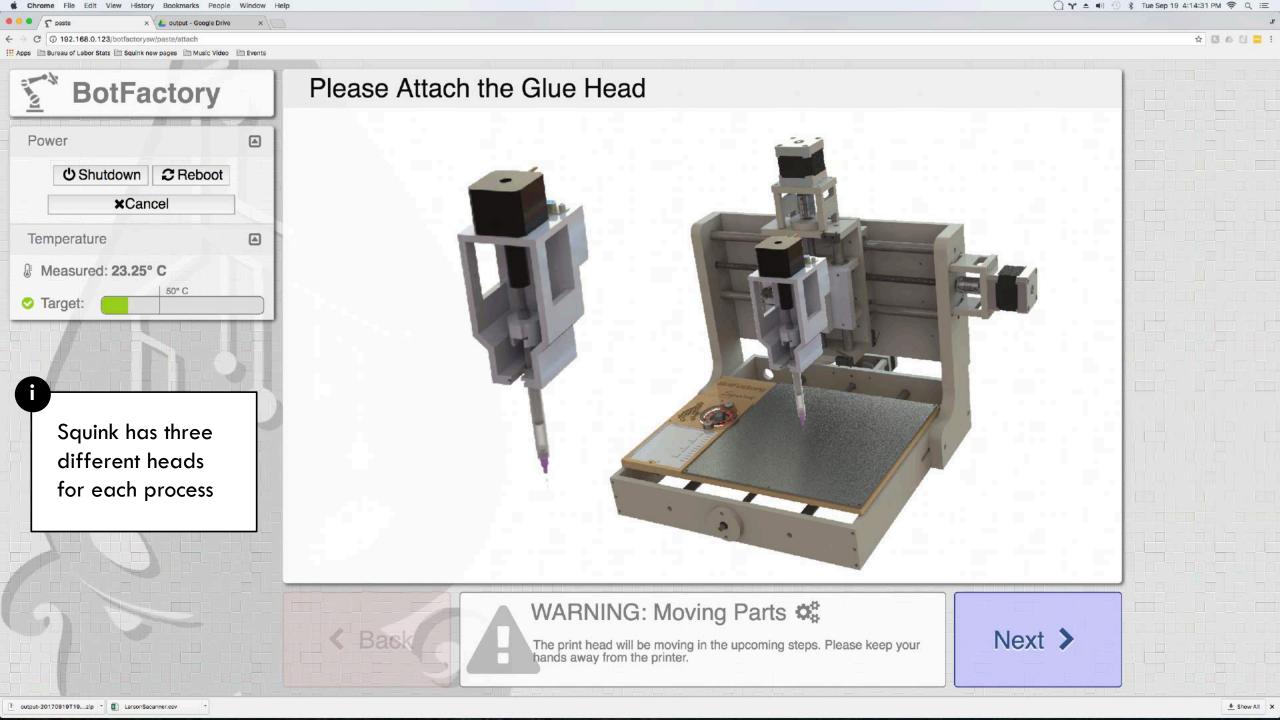
Q 🌱 📤 🗐 🕙 🛊 Tue Sep 19 3:37:20 PM 🦃 Q 😑

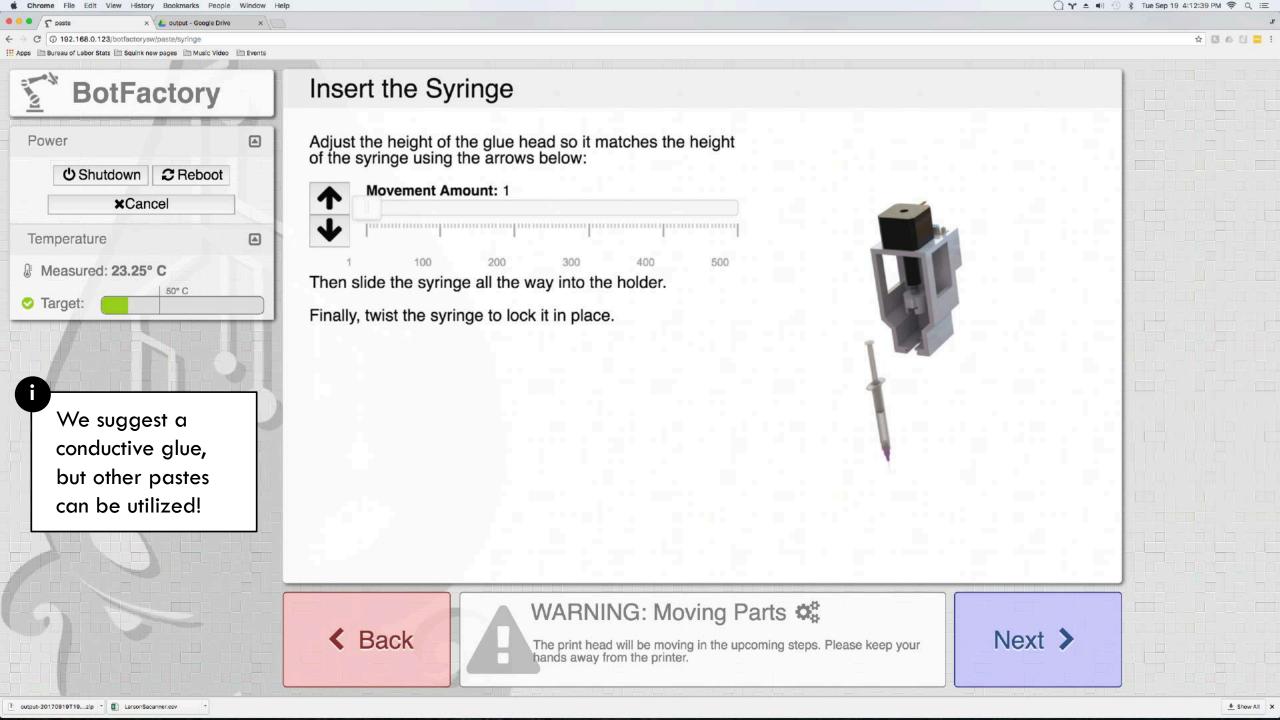


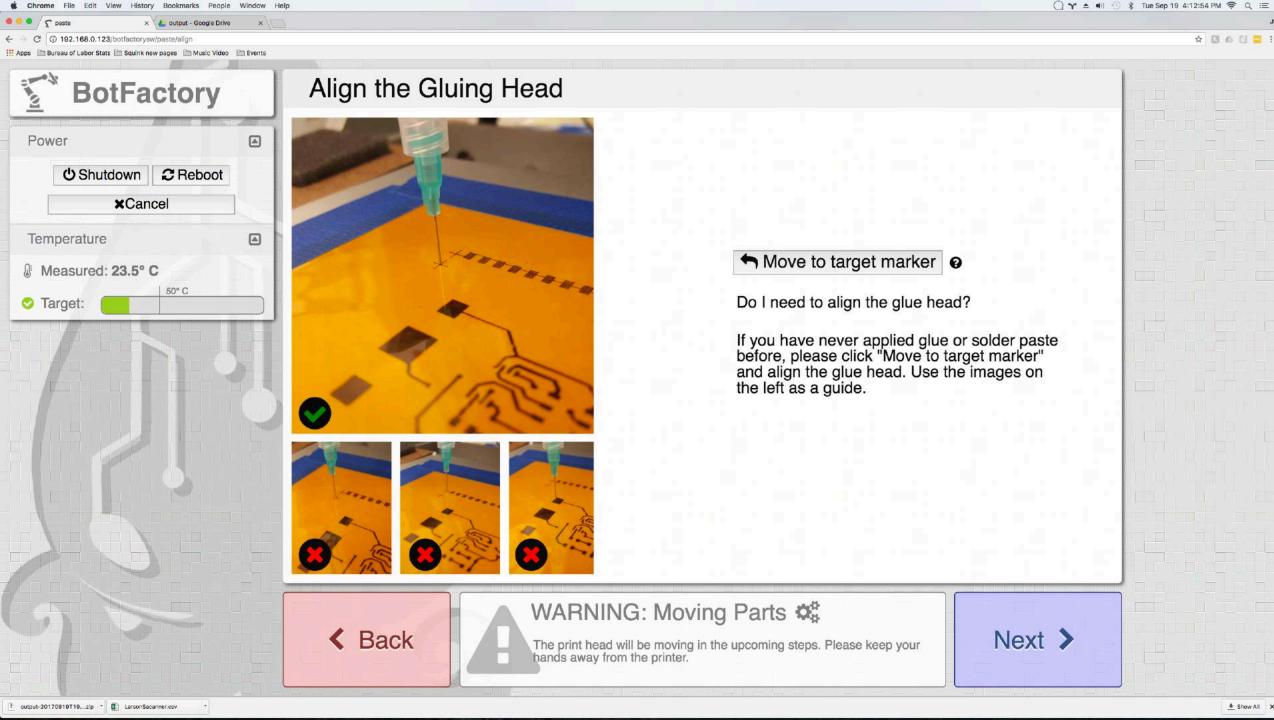
REPEAT PRINTING PROCESS FOR INSULATING AND CONDUCTIVE TOP LAYER

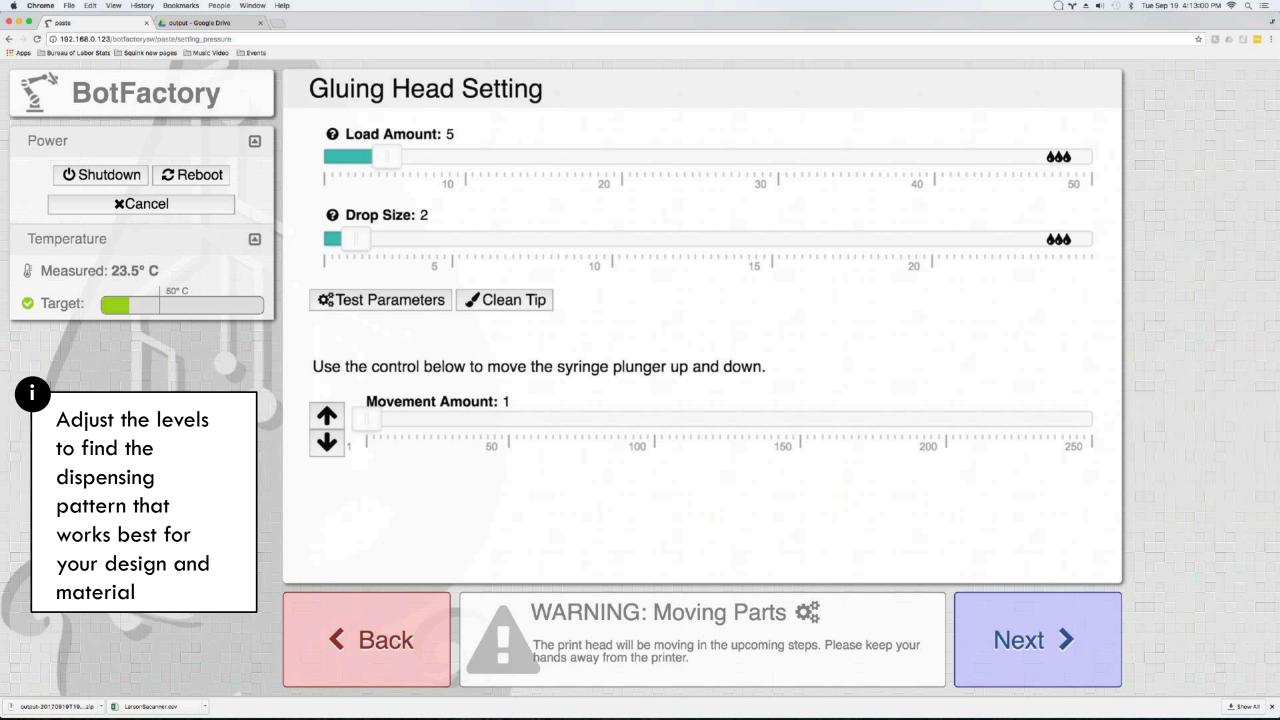
PRINTING PROCESS: RESULT

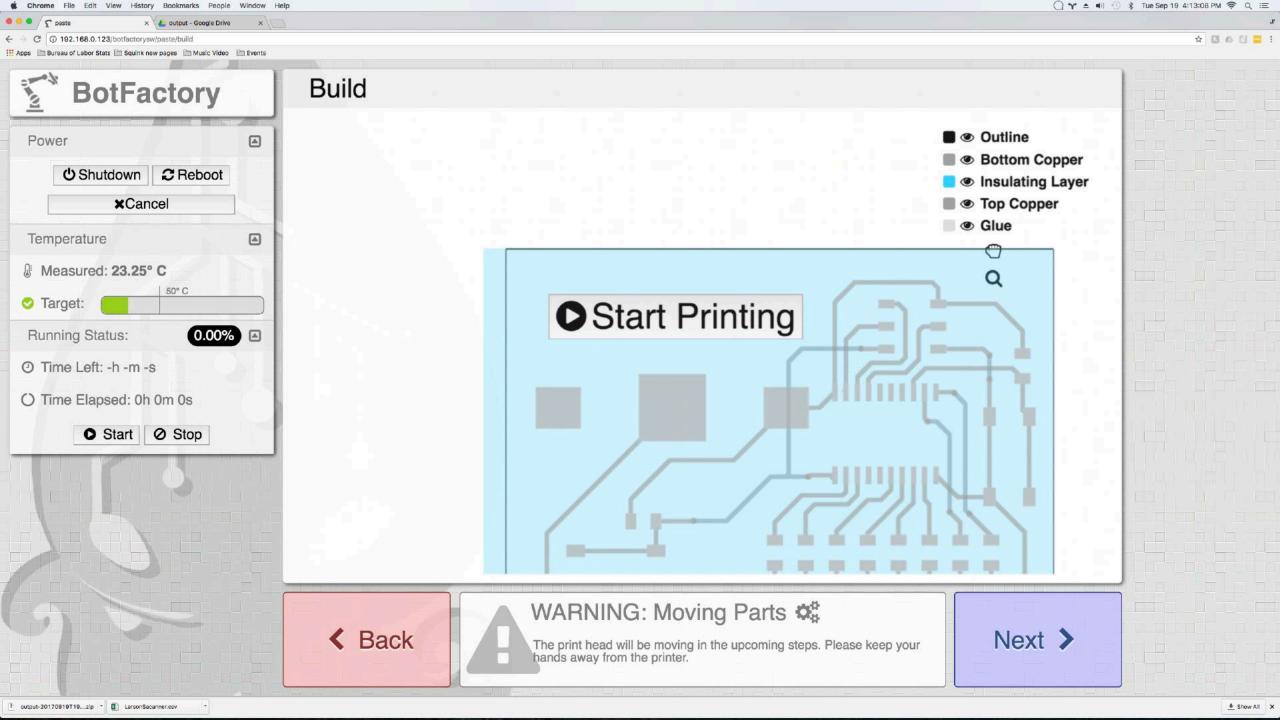


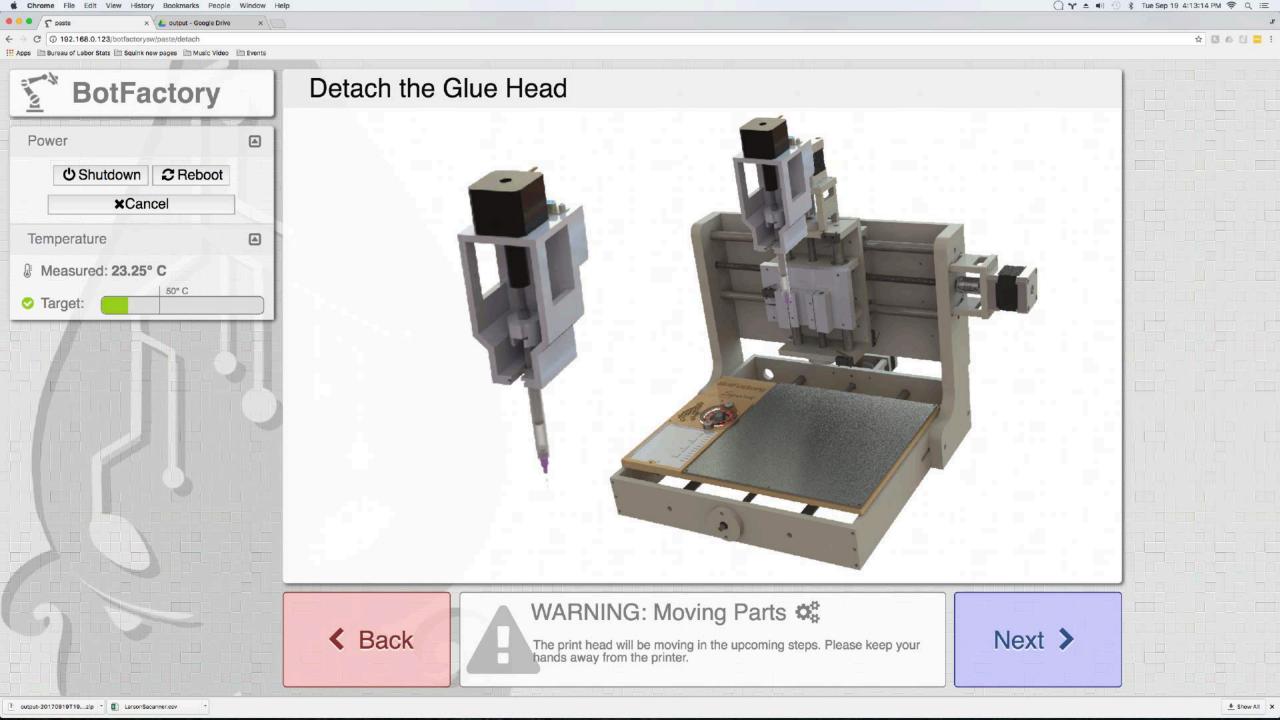


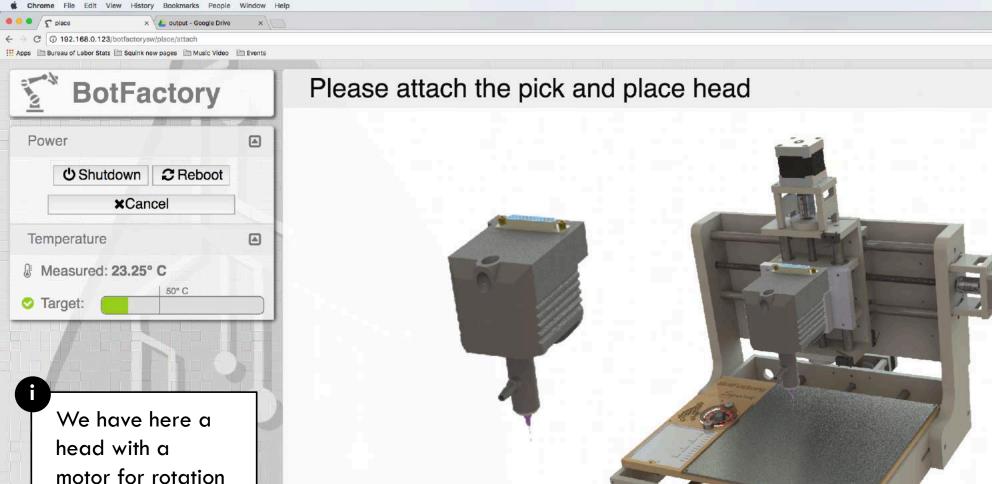












WARNING: Moving Parts 🚓 The print head will be moving in the upcoming steps. Please keep your hands away from the printer.

Next >



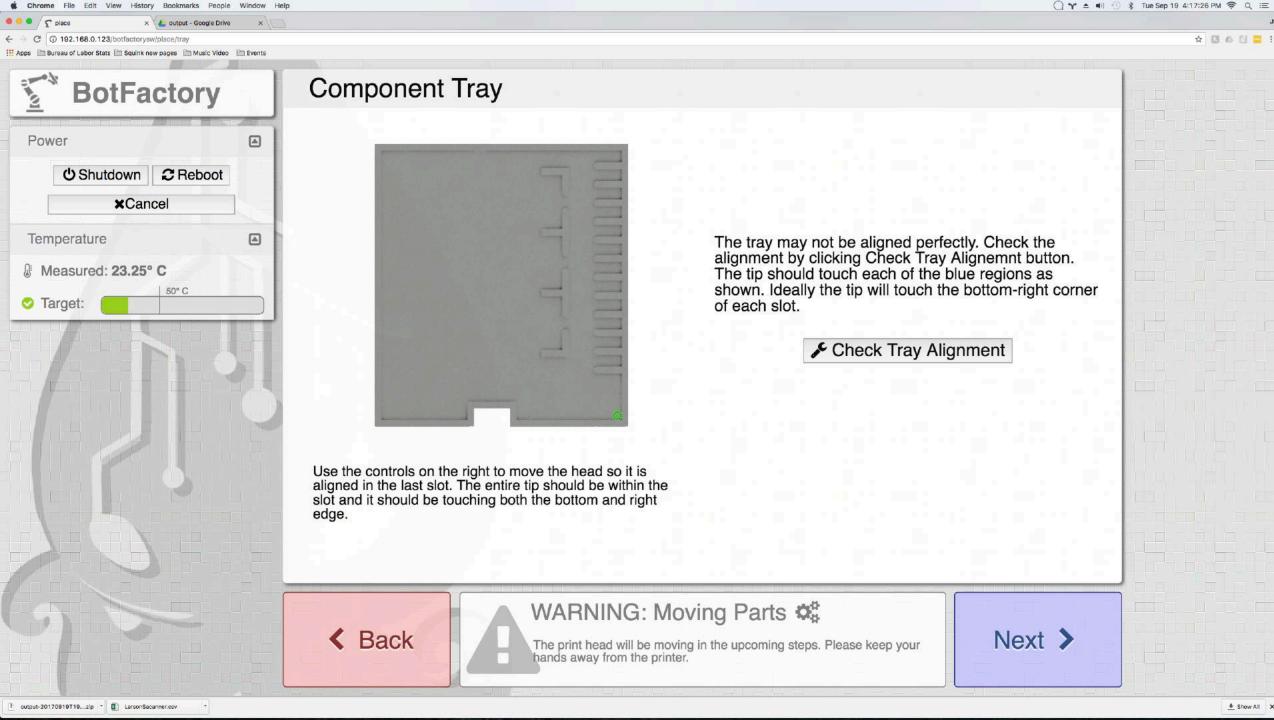


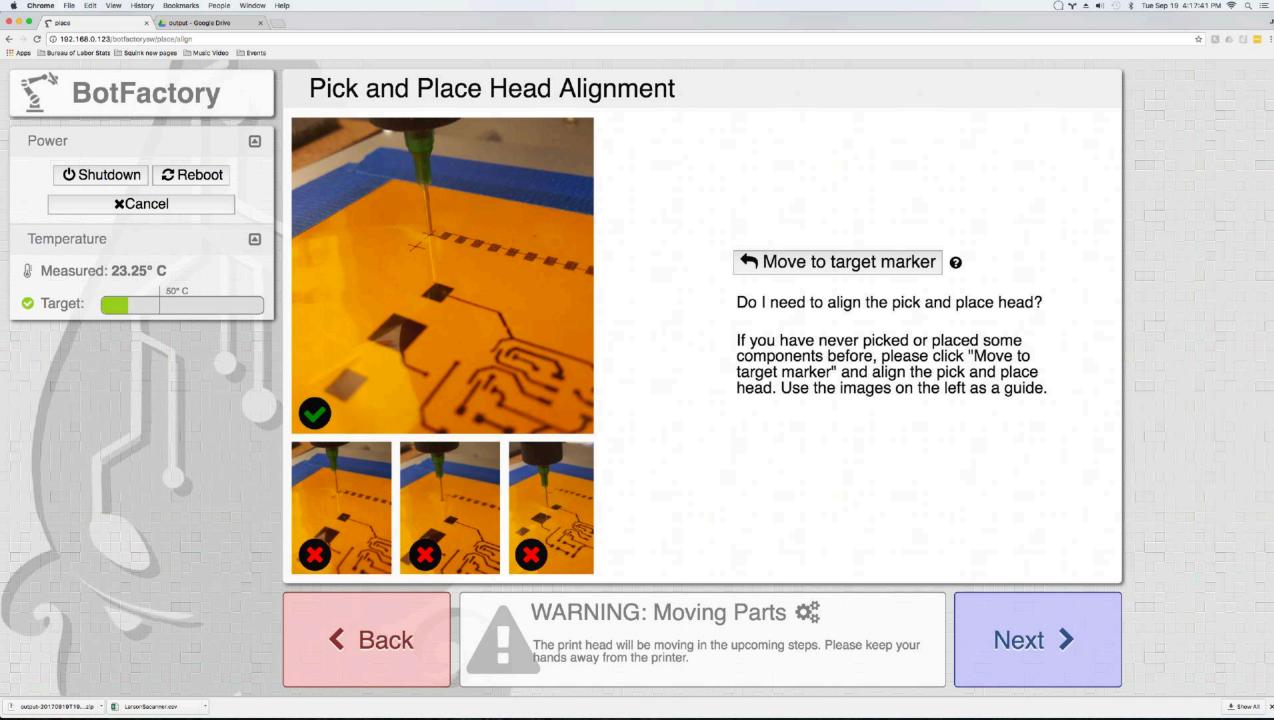
of parts and

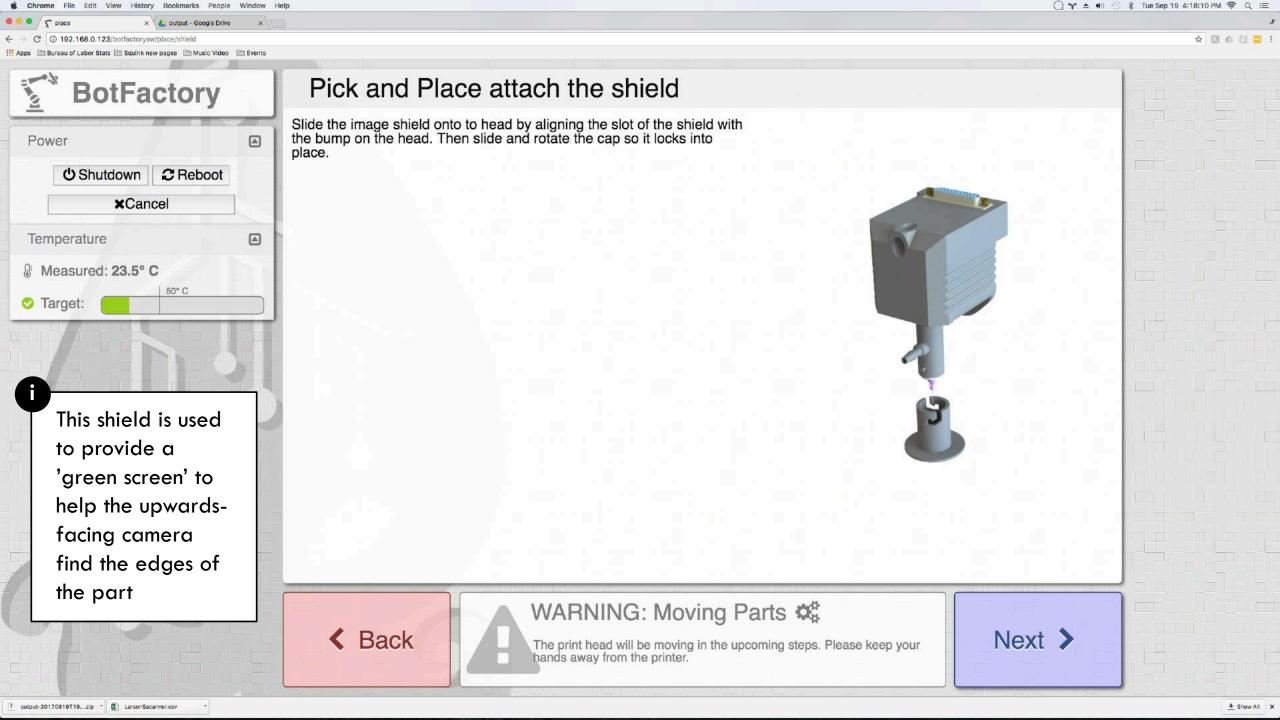
them up

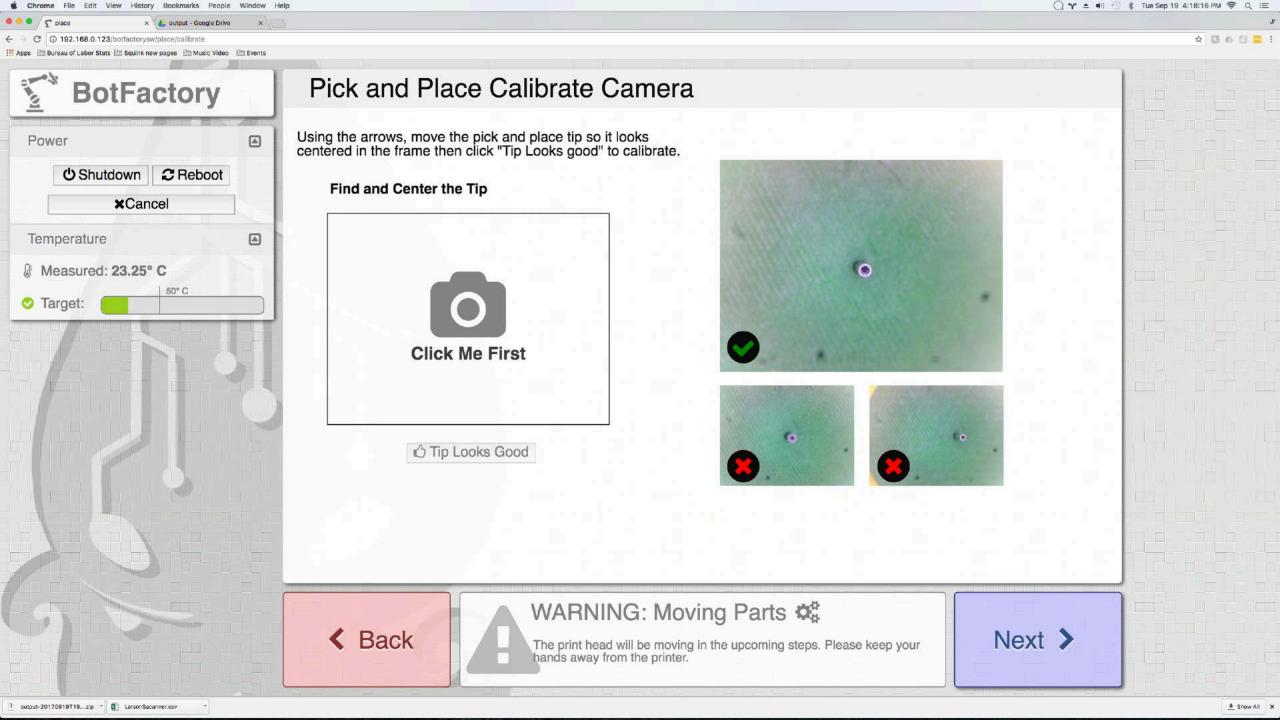
suction for picking

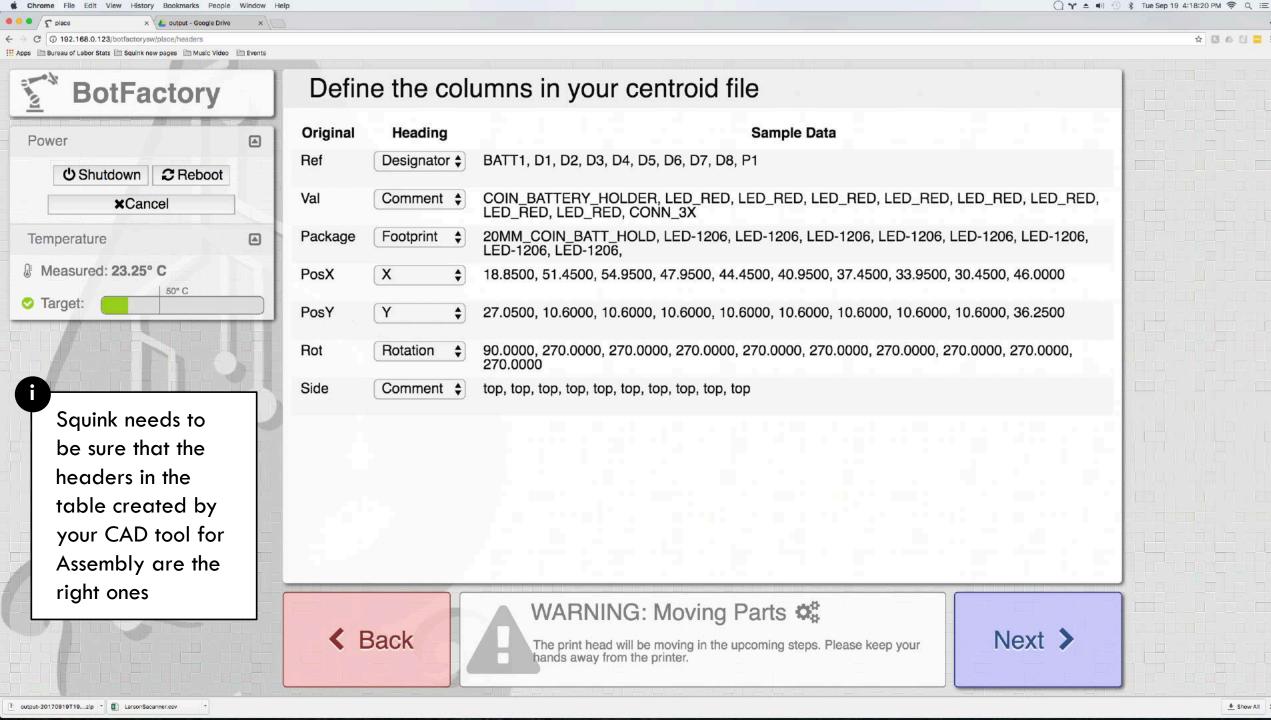
Q 🌱 📤 🗐 🕙 🛊 Tue Sep 19 4:17:20 PM 🦃 Q 😑

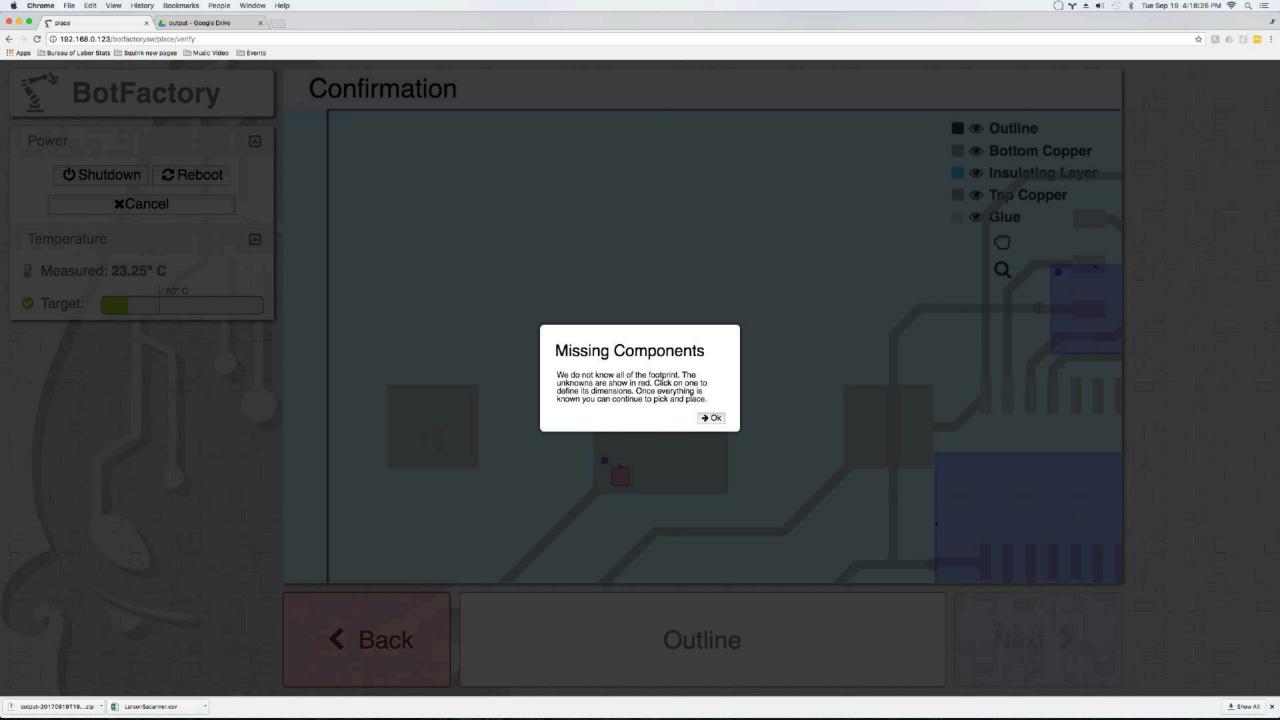


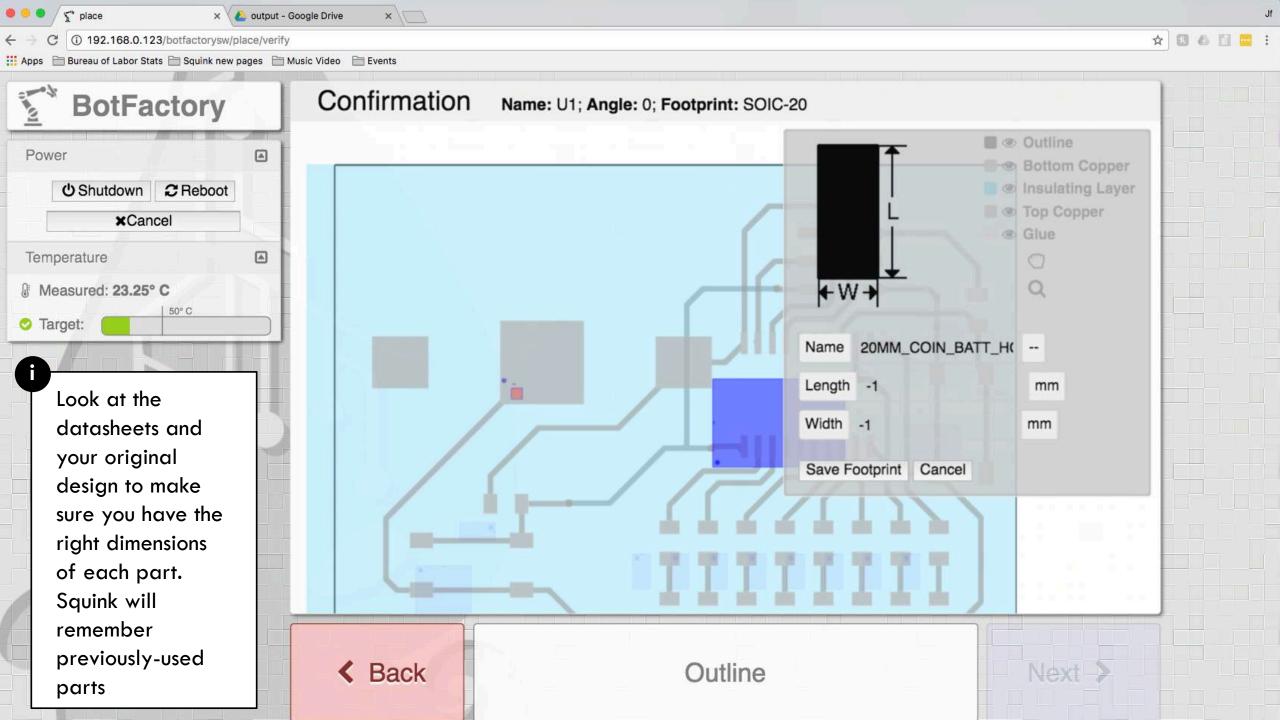


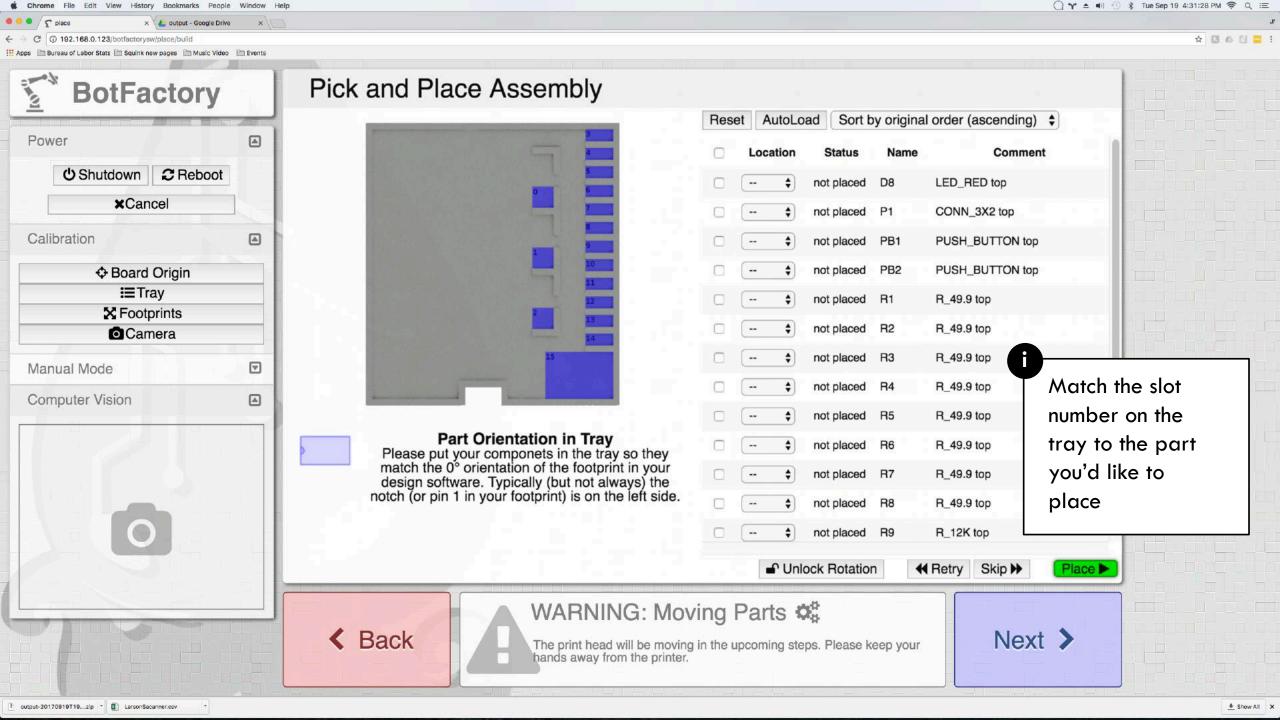


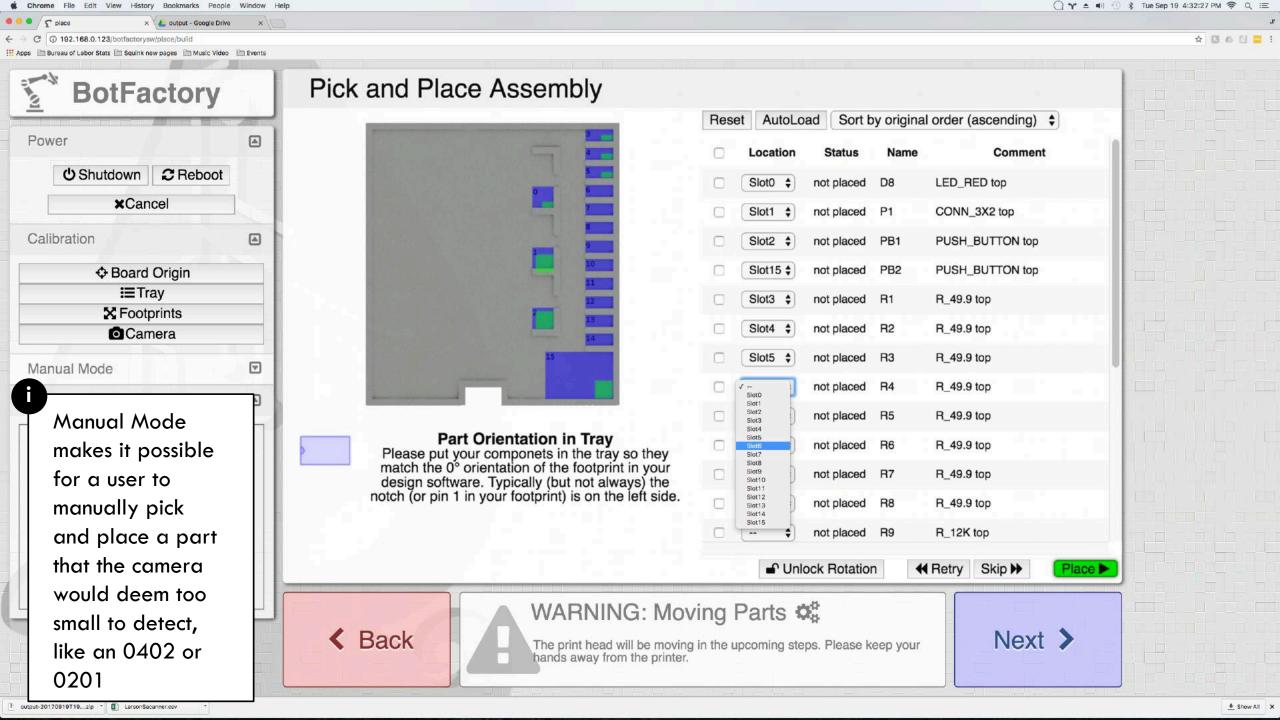




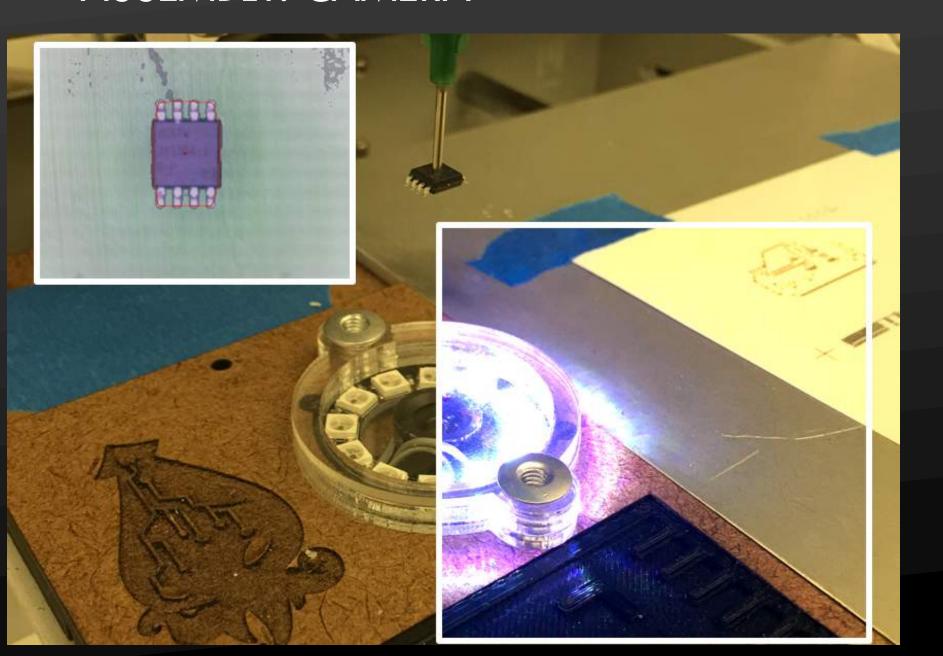








ASSEMBLY: CAMERA



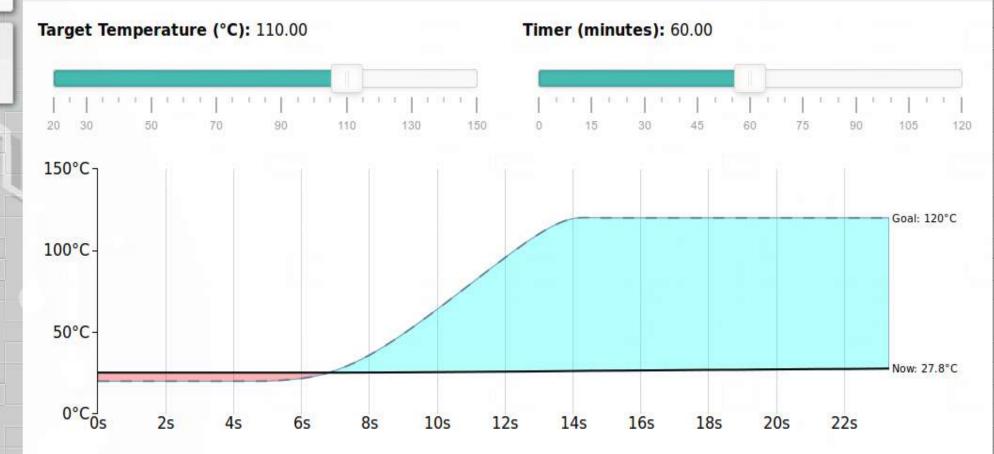


Power

Shutdown Reboot

Use the heatbed dashboard to run a thermal cycle and cure the conductive glue to connect the components to the traces completely

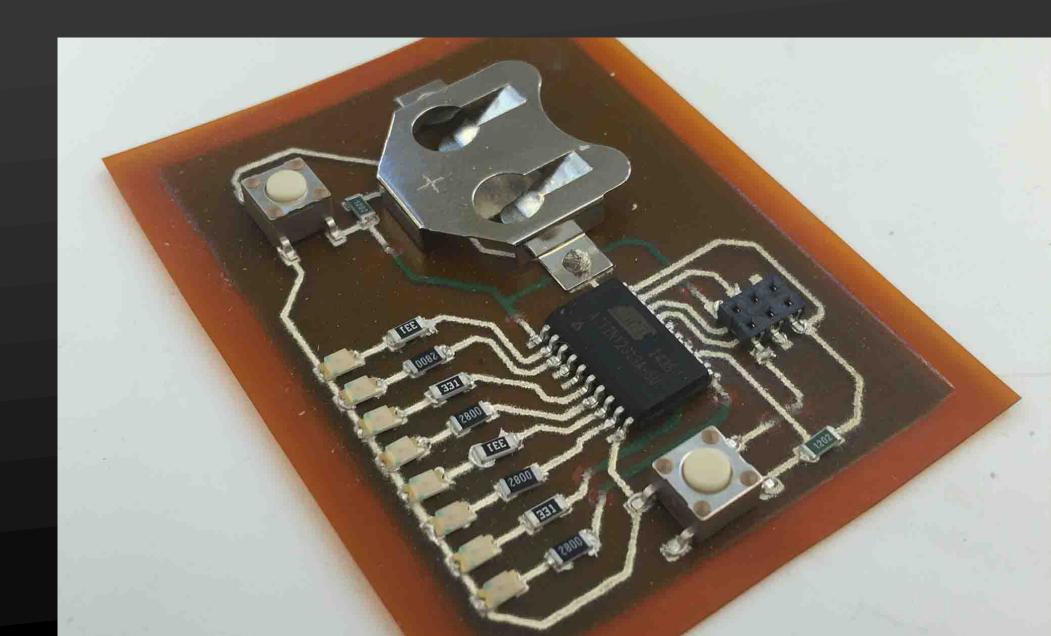
Heatbed Dashboard



Stop

Start

FINAL MULTILAYERED BOARD



CONTACT US IF YOU HAVE MORE QUESTIONS!

CONTACT@BOTFACTORY.CO