

Equipment List



Inspection and Injection Molding Bay 1

- Arburg 28-ton injection mold machine
- Mold assembly area
- Bead blaster
- Granite surface plate
- Instron 305 tensile/compression tester
- Inspection equipment
- Thermal and humidity environmental chamber

Machine Shop Bay 2

- Grizzly G0704 mini-mill
- Precision Matthews PM-1030V lathe
- Craftsman bench grinder
- Craftsman buffer
- Grizzly GO640x metal band saw
- 20-ton shop press
- Arbor press
- Kaka finger brake
- Metal shear
- Birmingham Microkinetics CNC machine
- Tormach PCNC440 CNC machine
- Baleigh Gearhead drill press
- Webb 2HP manual milling machine
- Horizontal band saw
- 1-ton gantry crane

Woodshop Bay 3

- Grizzly tablesaw with extended table
- Hercules planer
- Delta drawdown table
- Rikon belt/disk sander
- Delta narrow belt sander
- Evolution miter saw
- Rigid band saw
- Delta drill press
- Avid 4x4 gantry CNC
- Hand/power tools

General Assembly and Storage Bay 4

- Hot-benches (10)
- Worktables
- Pallet racking for storage

Laser Cutting and Workbay Bay 5

- 36x48 150w CNC laser
- Parts storage
- Adhesive station
- Cutting station
- Hand tools
- Power tools

Printing and Molding Bay 6

- Bambu H2C
- Bambu X1-Carbon
- Bambu P1S
- Markforged X7 Carbon Fiber
- Formlabs 3BL
- Formlabs 3
- Formlabs XL Curing
- Elegoo Mars
- HP Latex 210 large format
- EufyMake UV Printers (2)
- Smooth-On casting station with vacuum degassing and Avantco curing oven

Welding, Finishing, and Cutting Bay 7

- XL sandblaster
- Evolution mitering chop saw
- Welding table with fixturing
- Mig/Tig welding equipment (AC and DC)
- Oxy/Acetylene torch
- Langmuir 2x2 CNC plasma cutter
- JD Squared air/hydraulic pipe/tube bender
- Wen drill press
- Delta grinder
- 4x4x2 Paint/powder coating booth
- Bench grinder with wire wheel