

Additive Manufacturing Capabilities

Stratasys J850



- Build Volume: 19.3" x 15.3" x 7.9" in
- Polyjet printing precisely jets and then UV cures ultra-thin layers of liquid resin to create highly detailed, full-color, multi-material parts with smooth surfaces used for final prototype models.

Formlabs Form 3, 3BL, and 4



- Build Volumes: 5.7" x 5.7" x 7.3" up to 13.2" x 7.9" x 11.8"
- SLA printing uses UV light to selectively cure layers of liquid resin creating highly detailed and smooth parts. The wide range of resins available produce functional parts with desired characteristics such as tough, flexible, clear, heat resistant, or rigid that mimic production materials.

Stratasys F170



Terabot 4



Bambu H2D



Raise 3D Pro 2 & Pro 3 Plus



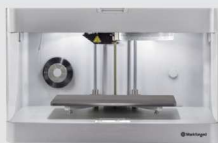
- Build Volumes: 10" x 10" x 10" up to 36" x 36" x 39.3"
- FDM printing is the type of printing most seen in homes, offices, and schools. These printers melt plastic filament from a spool, and deposit it onto a build platform in layers. They are most useful for making cost effective prototypes, and have the ability to print with PLA, ABS, and other common printing filaments.

JuggerBot 3D Tradesman P3-44



- Build Volume: 36" x 48" x 48"
- Extrusion rates up to 15 lbs/hr
- Pellet 3D printing is much like FDM printing, and is useful for creating large tools, fixtures, prototypes, and even end use parts.

Markforged Mark Two



- Build Volume: 12.6" x 5.2" x 6"
- In addition to standard FDM capabilities, this printer also lays continuous fibers within each layer to reinforce the printed part giving it similar strength to a part made of aluminum.

Formlabs Fuse 1



- Build Volume: 6.5" x 6.5" x 11.8"
- SLS printing uses a laser to selectively melt powder layer by layer, forming a durable part that is then pulled from a vat of unfused loose powder. Thus, no support structures are needed.

Hexagon Absolute Arm 8525



- 7-axis arm with 2.5m reach
- This arm uses a point probe or laser scanner to precisely measure objects for quality inspection and reverse engineering. The points gathered from the object are processed to create a 3D CAD file.