



Gu3-D Printing Capabilities Document

CONTACT

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Services

- Rapid prototyping
- Low volume production orders
- High resolution printing
- Next day turnaround times
- 2-3 day standard lead times
- Quick Quotes
- Design on Demand (Partnership with ZVerse)
- SLA process consulting (On site or remote)
- Build Preparation Services
- File repair and conversions
- Project management for outsourced jobs
- Filament FDM Printing

At-Hand/In-Stock Materials (Specifications sent on request)

- Stereolithography aka (SLA)
- Accura Material made by 3D Systems
- Accura Clearvue
- Accura Xtreme Gray
- Accura 25

We have done and can do customer requested materials, contact us to see what's possible for your requirements.

Finishes

- Multiple levels of finishing including appearance models
- Raw
- Standard Level
- Pattern Level (With or without Primer)
- Quick Coat (Painted)
- Quick Clear (Clearcoat)
- Show Level (with/without paint)
- Crystal Clear (Clear Resin with Clearcoat)

Printing Machines & Specs

(3x) 3D Systems Viper Si (Print Area: 10 x 10 x 10 in)

Standard Resolution - Beam .010 -Layer Thickness- .004

High Resolution - Beam .003 - Layer Thickness-.002

(1x) 3D Systems SLA 3500 (13.8 x 13.8 x 15.7 in)

Standard Resolution - Beam - .010 - Layer Thickness -.010

Creality Ender 3 (Desktop Printer) Specs:

Resolution	100 Microns
Dimensions	440 x 410 x 465 mm
Build Volume	220 x 220 x 250 mm
Platform	Build Tak
Filament	1.75mm
Material	PLA/ABS

DeCreate DC-01 (Desktop Printer) Same as Above

Most machines are only one resolution there are many that use two beams during a build but only a hand few are true high-res. The industry standard for normal/standard resolution is a .005 or .010 inch beam size with a .004 layer or .005 Layer. Less than that is considered high-res most of the time