

High Quality & Affordable 3D printing

3D PRINTING

Our products include parts and machines. Our goal is to be your 3D printing advisor and expert. We do not expect you to select the right material or technology but rather tell us what you need and get expert advice and an affordable quote.

CAD

Have an idea but no design? Work with us to bring that idea to life as a 3D computer model. We retain no rights to your design. We will provide the native file along with file neutral formats you can use to make a 3D printed part or to get manufacturing quotes.

CONSULTING

We are trained engineers that have industry experience in manufacturing. We can help you select and implement new technology or refine your design to be manufacturable. Let us be your trusted industry expert.



- Multiple 3D printing technologies and materials to choose from. Spanning the spectrum of 3D printing.
- 3D printing consultants with expert knowledge ready to help you make the right decisions.
- Industry knowledge and expertise backed with a satisfaction guarantee. Don't pay for bad service and quality.
- CAD experts can create, fix or alter files as necessary. We are here for all of your needs from start to finish.

Industrial quality 3D printing services for all industries and applications. In our creative lab we offer a wide assortment of technologies and materials. Technologies include:

- Fused Deposition Modeling (FDM)
- Stereolithography (SLA)
- Selective Laser Sintering (SLS)
- PolyJet Polymer Jetting Technology
- HP Multi Jet Fusion (MJF)
- Composite Material Printing (Carbon Fiber)

Materials include a wide range of engineering grade thermoplastics and thermosets. Some of the material types include: clear, flexible, colorful, tough and strong.

We specialize in prototyping and low volume production. Industries served have included aerospace, military, automotive, medical, healthcare, education, industrial machinery and consumer products to name a few. Within these industries we have helped with a wide range of applications such as prototyping, injection molding, casting, jigs and fixtures, quality tooling, forming and automation tooling. In addition to the parts we print we also offer a full range of finishing solutions including sanding, polishing, plating, hydrographics and machining for individual parts or complete assembly production. If you don't see something listed, be sure to ask us!

ACCURACY

We are often asked what we can hold for accuracy. This is difficult to answer with precision. Average accuracies for 3D printing are $\pm 0.005"$, but this varies based on technology and part geometry. Send us your specific requirements and we will let you know how we can help.

EXPEDITED SERVICE

One of the main advantages 3D printing offers is speed. Whether you need to compress a schedule or to impress a customer quickly, 3D printing is a great solution. Ask us to expedite your product and we can provide options. May incur additional fees.

GUARANTEE

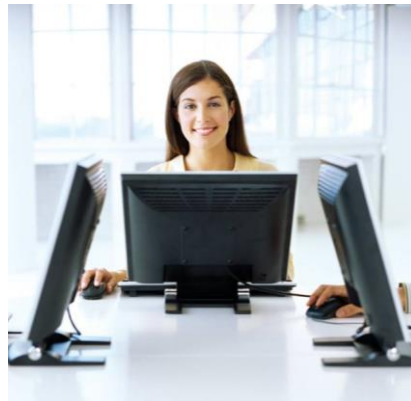
If you supply us with your requirements, the application, and the model, we will stand behind our work. Not everything is designed with 3D printing in mind. We will let you know if there are challenges.

For more information on any of our products or services please visit us

on the Web at:

www.advocate3d.com

Additional Services and Benefits



Additional services such as reverse engineering, CAD support, virtual testing & simulation, concept models, prototypes for form, fit and function, manufacturing tooling, or jigs and fixtures. Need to optimize your design for injection molding or for additive manufacturing? We do that. Need help sourcing a manufacturing partner? We have you covered no matter the application.

Have you considered adding a 3D Printer to your organization? With all the technologies and manufacturers in the market, how do you choose? Let us help you figure out the best approach. We can review your organizational need and help you select the most cost-effective and relevant technology.

"Advocate 3D has been an excellent resource in our product design cycle. Product design is an iterative process and having the ability to quickly 3D print functional prototypes has been vital in refining our product. The responsiveness, commitment to producing quality parts and customer service have been unbeatable. I look forward to working with Advocate 3D on many additional projects."

Andy Freeman - Fortus Medical

Bring 3D Printing In-House

We partnered with Formlabs to offer our customers the best desktop SLA and SLS 3D printing solutions available! Let us know if you would like to hear more about the technology and products. Formlabs was a logical fit for our business as they offer a quality 3D Printing solution and great customer support!



With the Form 2 SLA 3D printer, Fuse 1 SLS 3D printer, Form Cell manufacturing solution, and Pinshape marketplace of 3D designs, Formlabs is establishing the industry benchmark in professional 3D printing for professionals from a variety of industries. They also develop high-performance materials in-house, as well as best-in-class 3D printing software like PreForm and Dashboard.

SERVICES AVAILABLE

- 3D Printed Parts
- CAD Design
- Technology Consulting
- Design Consulting
- Technical Support
- Installation and Setup
- Application Support
- Hardware Support
- Satisfaction Guarantee