



WHO IS ULTIMATE 3D?

We are an Oregon-based 3D printing company specializing in SLS (selective laser sintering) technology. This is one of the most sophisticated printing technologies available, much different than your home 3D printer

With in-house printing capabilities, Ultimate 3D can create parts for prototyping and production uses, handling orders of several thousand parts if necessary.

Our team has several years of combined experience working on both sides of the printing process, from concept design and CAD to printing and assembly.

SERVICES AND MATERIALS

3D Print Prototyping

Our technology is the fastest most effective medium for realizing your designs. With the ability to print a custom model for you in a matter of days, our technology is great for prototypes. You have the freedom to print a prototype and even make modifications on a short timeline.

3D Print Production

3D printing can create functional products with long-term value. Conventional design rules are out the window as powerful lasers can create virtually any model with extreme precision.

Today, this technology has entered the mainstream with robust materials and rapid turnaround. Major industries like medical, aerospace, and many more are already using 3D printing to manufacture high-value custom parts.

SLS Materials

We offer the following materials in our SLS printing services:

- Nylon 12
- Glass-Filled Nylon
- Flame Retardant Nylon
- Carbon-Filled Nylon
- Aluminum-Filled

3D Manufacturing with SLS Technology



With today's 3D printing technology, your imagination has more power than ever. If you can dream it up and sketch it out, A custom product could be in your hands in a matter of days, created with extreme precision and even real world functionality. The lines between your vision and reality are quickly disappearing, and Ultimate 3D is here to help you bridge the gap.

3D Manufacturing with SLS Technology

For Prototypes—3D printing is your best friend when you want to create a part quickly and without the cost of tooling. When it comes to printing prototypes, the decision to choose 3D printing is much more apparent. You only need one or limited products, so why not have a custom design printed within a matter of days while you pay only for the cost of each unit?

For Production Parts—3D printing isn't only for prototypes. Depending on your specific needs, it may be the perfect fit for a larger production order as well. Higher volume production is where you simply have to weigh your costs.

Often times, the cost of tooling and manufacturing makes traditional production much more expensive than 3D printing your parts. In the end, the volume of your order as well as the desired production timeline will determine which manufacturing method is right for your project. We strive to exhibit integrity in all of our business practices, and we are happy to help you choose the most time and cost-effective process for your specific needs.

What is Selective Laser Sintering (SLS)?

If you're not familiar with different 3D printing methods, SLS is unique in that it allows us to manufacture very complex 3D parts that are both precise and durable. As an additive manufacturing process, SLS uses a laser to sinter, or fuse, powder-based materials layer by layer to form a solid object based on a digital 3D model.

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