



PEAK

Launching the Next Generation
of Manufacturing Technology

Additive Manufacturing

(3D Printing)

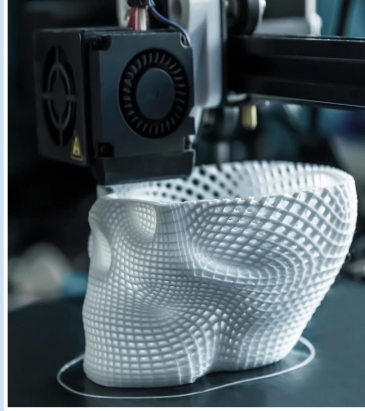
Technologies: FDM,
SLA, SLS

Max Build Size: 800 x
800 x 1000mm (Elegoo
Giga)

Typical Turnaround:
48–72 hours

Tolerances: As tight as
±0.1mm (SLA),
25-micron resolution

Supported Materials:
PLA, ASA, TPU,
engineering resins,
Nylon 11



Overview

Engineers, product teams, and OEMs face growing pressure to accelerate development cycles while **reducing risk and cost**.

Traditional fabrication methods often require **costly tooling, long lead times, and lack the agility** needed for early-stage iteration or on-demand production. While 3D printing is common for prototyping, most vendors lack the expertise, precision, and

scalability required to deliver functional parts that meet mechanical, cosmetic, and integration standards. Peak's customers—across various industries including aerospace, medical, and hardware—need more than just prints; they need additive parts that are reliable, production-aligned, and **manufacturable at scale**.

Solution

Peak Technology delivers industrial-grade additive manufacturing using **FDM, SLA, and SLS** technologies—supported by a hands-on **DFAM** (Design for Additive Manufacturing) process and in-house post-processing capabilities. From concept validation to functional production parts, we help customers optimize designs, select the right processes and materials, and ensure that parts meet strict performance criteria.

- **DFAM Expertise** – Our team evaluates printability, orientation, and support strategies to maximize part quality and function.
- **Multiple Print Technologies** – FDM, SLA, and SLS options tailored to your performance, resolution, and turnaround needs.
- **Post-Processing In-House** – CNC machining, polishing, assembly, and chemical treatment—all handled under one roof.
- **High-Performance Materials** – Including Nylon 11, engineering-grade SLA resins, ASA, TPU, and high-temp polymers.

Peak Technology Enterprises is a woman-owned precision manufacturing company based in San Jose, CA, offering **additive** and **subtractive** manufacturing, engineering support, system integration, and full assembly services. With over **60 years of experience** and **ISO 9001 certification**, Peak partners with **global OEMs** and innovators to deliver high-performance components and complex builds—on time, on spec, and on budget.

6951 Via Del Oro, San Jose, CA. 95119 | (408) 748-1102 | Sales@Peakfab.com