

Additive Manufacturing Services

Patternworx Technologies

Accelerated Production. Unmatched Precision. Infinite Possibilities.

At Patternworx Technologies, we harness the power of additive manufacturing to bring your designs to life—faster, cleaner, and smarter. From investment casting patterns to functional prototypes and production-grade components, our versatile portfolio offers solutions that eliminate tooling delays and streamline your path from concept to creation.

SLA FastCast (Investment Casting Patterns)

High-resolution FastCast resin patterns for rapid investment casting. Minimal post-processing, maximum accuracy.

3D Printed Wax (3DP)

Traditional wax patterns digitally produced. Ideal for high-volume casting and legacy part replacement.

3D Printed Ceramic

Durable ceramic cores printed to spec. Perfect for complex geometries in aerospace and industrial parts.

Standard Stereolithography (SLA)

Smooth, detailed SLA prints for functional prototypes, jigs, fixtures, and visual models.

Fused Deposition Modeling (FDM)

Cost-effective thermoplastic parts for prototyping and low-volume production.

Selective Laser Sintering (SLS)

Strong, flexible nylon prints with excellent mechanical properties—no supports required.

Multi-Jet Fusion (MJF)

Fast, high-strength parts with fine detail. Ideal for end-use components and production tooling.

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