

Advanced Prototyping & Manufacturing Services

Fathom provides advanced rapid prototyping and on-demand low volume production services. We are creative problem solvers that deliver high efficiency outcomes. Every time.



14 Different Manufacturing Processes



35+ Years of Problem Solving Experience



4 Manufacturing Locations Across National Time Zones



6 Additive Technologies



24 hrs
Receive Custom Parts in as soon as 24 hrs



200k+
Square Feet of Manufacturing Space



125+
Mills, Lathes, Presses, 3D Printers



80+ Industrial Grade/Large Format Additive Systems

Why Work With Fathom?

We make your parts to your specifications, we won't put you in a box of manufacturing constraints, and we're definitely not a broker who will send out your parts to other companies. We're driven to provide a DIFFERENTIATED customer experience with speed, urgency & agility.

Let's transform the future of manufacturing **TOGETHER!**

Talk to an Expert

go.fathommfg.com/dynamic

expert@fathommfg.com

877-FATHOM-8

The Best Brands in the World Put Their Trust in Fathom

Fathom is driven by advanced technologies and methods that enhance and accelerate today's product development and production processes.

7 of the top 10
Fortune 500 Aerospace and Defense companies choose Fathom

8 of the top 10
Fortune 500 Industrial companies choose Fathom

9 of the top 10
Fortune 500 companies in the world choose Fathom



ISO 9001:2015 Certified + AS9100 Rev. D Certified + ITAR Registered + NIST 800-171 Compliant

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FATHOM

DIGITAL MANUFACTURING. REIMAGINED.

PolyJet Technology



- 900+ Materials (From Rigid to Flexible)
- Multi-Material & Multi-Color Parts
- Simulate Overmolding
- 500,000 Vibrant Colors, including Pantone®
- Ideal for Fine Details & Smooth Surfaces

FDM Technology



- Parts in Real Production-Grade Thermoplastics
- High Durability, Excellent Mechanical, & Thermal Properties
- Fixtures & Tools, Functional Models, End-Use Parts

SLS Technology



- Nylon 12 and Nylon 12GF, Nylon 11 and Nylon 11 Carbon Filled, TPU Shore 88A
- Durable Production Grade Materials
- White / Off-White + Color Dye Options

MJF Technology



- Nylon 11 and Nylon 12 in Gray or Dyed Black
- Durable Production-Grade Parts
- Medium / High Resolution

SLA Technology



- High-Resolution & Complex Geometries
- Larger Aesthetic Models
- Durable, Excellent Mechanical, & Thermal Properties

DMLS Technology



- Aluminum, Titanium, Cobalt Chrome, Nickel Alloy
- Inconel, Maraging, & Stainless Steel
- Highly Complex Structures, Including Organic Surfaces
- Post Processing Machining & Finishing Capabilities

CNC Machining



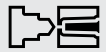
- 3 & 5 Axis Milling & Turning
- Many Material & Texturing Options
- Production Plastics & Metals
- High-Quality Surface Finishing
- Tolerance Accuracy Range of +/-0.001" to 0.005"
- Lead Times As Fast As NEXT DAY

Urethane Casting



- Create Production-Quality Parts (Up to 200)
- Materials Mimic Production Thermoplastics (Including ABS-Like, WaterClear, UL94 VO-Rated, Heat Resistant, Polypropylene-Like, Various Rubber Hardnesses, etc.)

Rapid Tooling & Injection Molding



- Low-To-High Volume Molding Needs
- 30 Second Quotes Through ICOMold by Fathom Quoting Tool at ICOMold.com
- Prototype Tool In As Soon As 10 Days & 10K Parts in 14 Days
- Production Tool In As Soon As 3 Weeks

Model Assembly & Finishing



- Sanding, Priming, Painting & Assembly
- Stock Components & Custom Artwork

Engineering & Design Support



- Additive Manufacturing Expertise
- Mechanical Concept Development
- Design for Manufacturing (Traditional & Additive)
- Industrial Design Support
- Advanced Prototyping

ACCEPTED FILES FOR **ADDITIVE TECHNOLOGIES**
STL, IGES, STEP, SolidWorks

ACCEPTED FILES FOR **CNC, CASTING & INJECTION MOLDING**
IGES, STEP, SolidWorks

SMARTQUOTE

Get a Quote Now. Get Parts Fast.

Fathom's online platform that provides designers and engineers with quick & easy access to quotes and orders for prototyping and production parts—get started at go.fathommfg.com/ondemand

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