



# On Demand Manufacturing

Your One Stop Shop from Prototyping to Production



# On Demand Manufacturing Services

3D Systems On Demand Manufacturing Services offers a broad range of processes and technologies to fit all your needs from prototyping through production. Get an instant quote through our Quickparts portal or consult with our experts to start your project today.

- **Fast-Turn Prototyping (Quickparts)**
- **Advanced Prototyping**
- **Low-Volume Manufacturing**
- **Appearance Models**



## **INSTANT ONLINE QUOTES**

- Simply upload your 3D CAD file(s) and receive instant lead times and custom-quotes based on your project specifications

## **SUPERIOR PART QUALITY**

- The latest solutions and technologies in additive and traditional manufacturing

## **ISO 9001:2008 CERTIFIED**

- Certified to meet ISO's quality management system standards
- High-quality, precision-produced parts delivered rapidly
- ITAR and AS9100C

## **HIGH RESOLUTION AND ACCURACY, FROM MICRO-PARTS TO XL PARTS**

- Accurate prototype parts
- The finest feature details
- Thinnest wall thickness
- Large, high-definition single piece parts

## **WE CAN HELP MEET YOUR NEEDS**

- Dedicated project managers
- Reduced development costs
- Each order reviewed for manufacturability

## Additive Manufacturing



### **STEREOLITHOGRAPHY (SLA)**

AS FAST AS NEXT-DAY SHIPPING



### **SELECTIVE LASER SINTERING (SLS)**

AS FAST AS NEXT-DAY SHIPPING



### **DIRECT METAL PRINTING (DMP)**

1-3 WEEKS



### **COLORJET PRINTING (CJP)**

AS FAST AS 3 BUSINESS DAYS



### **FUSED DEPOSITION MODELING**

AS FAST AS 3 BUSINESS DAYS

## Investment Casting Patterns



### **QUICKCAST® PATTERNS**



### **PROJET® WAX PATTERNS**

## Traditional Manufacturing



### **CAST URETHANE PARTS**

AS FAST AS 6 DAYS FOR FIRST ARTICLES



### **CNC MACHINED PLASTIC & METAL PARTS**

6-8 DAYS



### **LOW-VOLUME INJECTION MOLD TOOLING AND PARTS**

2-4 WEEKS



### **SHEET METAL PARTS**

5-10 DAYS



### **METAL DIE CASTING**



## Fast-Turn Prototyping (Quickparts)

3D Systems gives designers and engineers the ability to produce rapid prototypes in as little as 24 hours using a variety of plastic and metal materials.

The speed and quality delivered by our prototype production centers offer fast design iterations, physical proof-of-concept and performance testing, scale models, and functional testing.

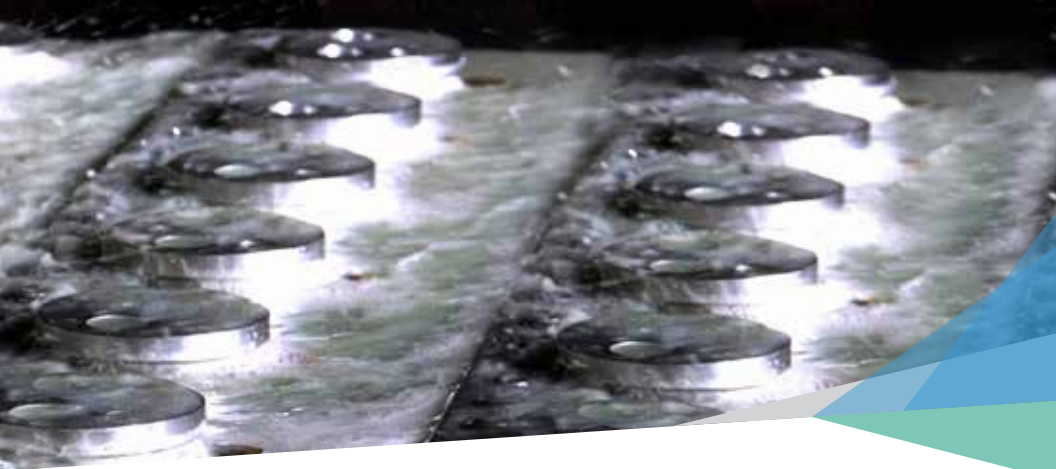
Upload your design model, input requirements, and place your order within seconds. Our production specialists turn projects around with the highest quality output in the industry.



## Advanced Prototyping

3D Systems works with the world's leading companies in automotive, aerospace, health, and other major industries to design, build, test, certify, and manufacture the next generation of innovative products. Our industry-leading On Demand Manufacturing group provides access to the most experienced team of manufacturing and design production experts in the industry.

We help our partners navigate the various production technologies to determine whether a project is best suited to additive technologies or traditional processes such as CNC, sheet metal, or cast urethane. Our partners rely on us to help them decide how best to construct their next generation of products and devices.



## Low-Volume Manufacturing

3D Systems provides completely integrated short-run and low-volume production services for the manufacturing of quick-turn, rapid prototypes and production components in a variety of plastics and metal materials. Our low-volume services help refine prototypes and designs and also provide final production parts, so partners can verify intent before investing in production tooling.

We offer the widest array of production technologies in the market, helping to bridge the gap between prototyping and full-scale production. Our application engineers consult with partners to make key decisions related to materials, processes, and quality—whether it is injection molding, casting, tooling, additive manufacturing, or other types of advanced production.



## Appearance Models

3D Systems offers a wide range of materials and processes, from 3D printing to CNC, that combine to create real, functional appearance models that bring design concepts to reality. We are the 3D appearance modeling partner to some of the world's most recognized automotive brands and industrial and consumer goods manufacturing companies.

Appearance models allow for simulation tests, aerodynamic wind tunnel analyses, trade show support, human factors testing, and design verification. Using a combination of materials and technology, we are able to produce appearance models with working hinges, wheels, lighting, electronics, and accurate colors, with functional accuracy.



## Bring Your Design to Life

Visit [www.3dsystems.com/on-demand-manufacturing](http://www.3dsystems.com/on-demand-manufacturing) and get an instant quote.

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