

# Quickparts

Additive and Traditional  
Manufacturing Services



[quickparts.com](http://quickparts.com)

# Quickparts

At Quickparts, we offer complete on demand manufacturing services, from 3D printed metal and plastic parts to traditional CNC, sheet metal, injection molding, and cast urethane models.

We empower designers and engineers with the tools to reduce production times, speed up design iterations, and shorten product development lifecycles with high-quality, 3D printed and machined parts from one of our six global design and production centers. Our state-of-the-art, digital manufacturing facilities house hundreds of additive and traditional manufacturing systems as well as advanced post-processing and finishing options. In-house production facilities combined with a network of rigorously vetted domestic and international partners enable us to offer the highest quality in the market.



## US Facilities:

- ISO 9001: 2015 certified
- ITAR Registered
- Staffed by experts with 20 years of experience



## Rapid Prototyping

A design prototype in as little as 24 hours

The the widest range of 3D printers, materials and expertise to customers looking to jump-start product development.



## Functional Prototyping

Reliable quality and service for product development

Functional prototyping enables customers to assess factors such as usability, ergonomics, manufacturability and materials testing before investing in tooling. The result: shorter development cycles, saving time and money.

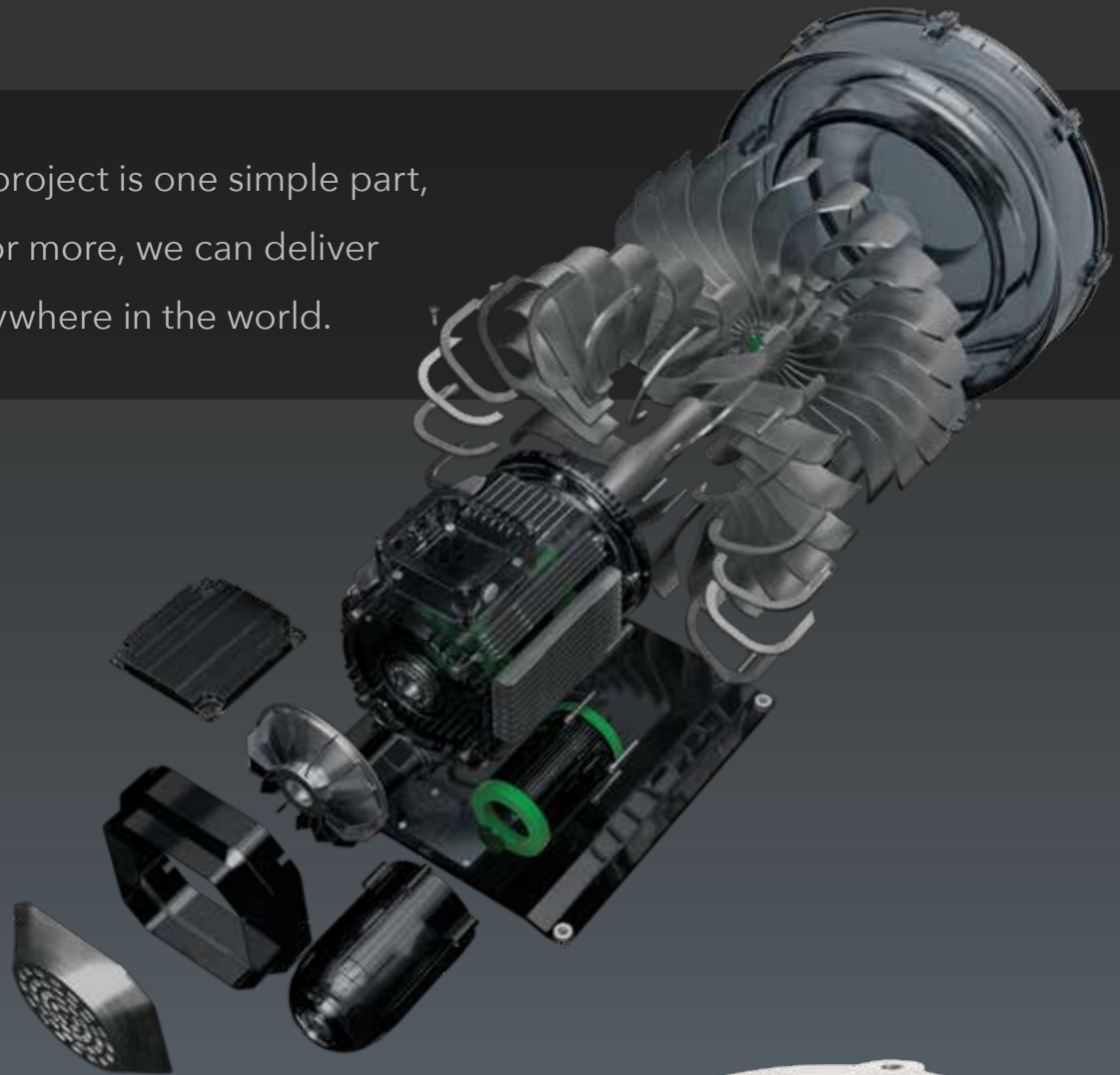


## Low-Volume Production

Quality and responsiveness for short-run production

Low-volume manufacturing helps customers reduce tooling costs, produce customized products, and bring a product to market quicker while higher-volume production molds are being completed.

Whether a project is one simple part,  
500 parts, or more, we can deliver  
it faster—anywhere in the world.



## Why Quickparts On Demand?

- Fast and easy engagement, online with our QuickQuote® platform or directly with our expert team
- Consultancy from the start by experienced engineers
- One partner for the complete value chain of prototyping: from the first models through different prototypes to pre-series or low-volume production
- Global resources, local manufacturing
- Credibility of a global market leader

## Your Benefits

- One supplier of all relevant prototyping technologies
- Selection of the best process in each single project
- Extensive time and cost savings



# RAPID PROTOTYPING

Evaluate production-like parts before you commit to costly production

**6** Facilities globally

**Local Manufacturing, Global Resources**

Parts can be produced in

 **24 hrs**



**Millions** parts/year

# FUNCTIONAL PROTOTYPING

Assess real-world usability, ergonomics, manufacturability, & materials before production

**MULTIPLE** ADDITIVE MANUFACTURING CHOICES FOR FUNCTIONAL PROTOTYPING



ADDITIVE



TRADITIONAL



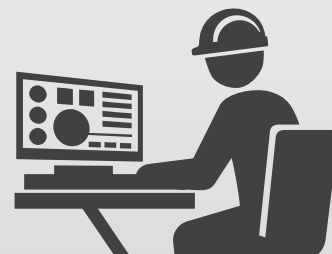
Every functional prototype is created with an average of

**3** different processes

**30,000+**

FUNCTIONAL PROTOTYPES MANUFACTURED TO DATE

**Experienced** application engineers with an average of **10+ years** experience



# LOW-VOLUME PRODUCTION

Reduce or eliminate tooling, enable customisation and speed time-to-market

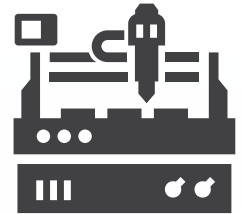
✓ Experienced Engineers

✓ Dedicated Project Managers

✓ Well-equipped Facilities



3D PRINTING



CNC



INJECTION MOLDING



DLP  
(Digital Light Processing)



Fast part production from

**1 to 100,000+**

with additive and subtractive manufacturing



**SAVE DAYS**

getting your designs into production



# From Prototyping to Production

At Quickparts, we offer the widest range of technologies, processes, and materials in the industry. And our experience enables us to offer the best service to customers on their way from the first product idea to series production.

## Additive Manufacturing



### Stereolithography (SLA)

**Delivery:** Next-day shipping available

- Highest accuracy, smoothest surface
- Parts up to 1500mm in one single piece



### Direct Metal Printing (DMP)

**Delivery:** 1 - 3 weeks

- Small, complex shapes - no tooling needed
- Impossible geometries - now possible



### Selective Laser Sintering (SLS)

**Delivery:** Next-day shipping available

- Highly durable, complex geometries
- Ideal for snap fits, living hinges



### Digital Light Processing (DLP)

**Delivery:** Next-day shipping available

- Ultra-fast production as alternative to injection molding or cast urethane processes
- High quality, smooth surface finish

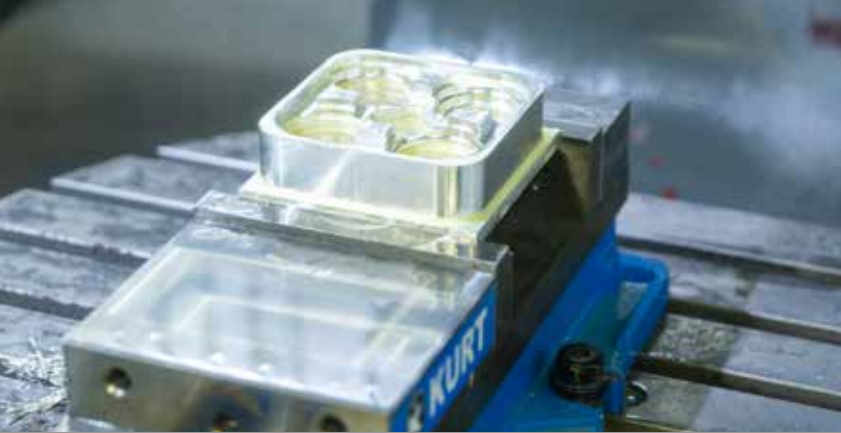


### Fused Deposition Modeling (FDM):

**Delivery:** Next-day shipping available

- Most common method of 3D printing
- Fast and cost-effective
- Ideal for complex geometries





## Traditional Manufacturing



### Vacuum Casting Parts

---

**Turnaround: First off parts from 10 - 12 working days**

- For realistic prototypes that mimic Injection Molded parts
- Efficient low-volume production without tooling



### Metal Die Casting

---

- Small/medium-sized consistent parts, fine surface quality and detail
- Continuous quality control
- Accelerated prototype to production



### CNC-Machined Plastic and Metal Parts

---

**Turnaround: 6 - 8 days**

- For rapid prototypes or production parts
- CNC machining options for both metal and plastic parts



### Investment Casting - QuickCast & Wax Patterns

---

- For large-scale parts that cannot be tooled
- Shrink/gating information prior to tooling
- High-detail, high-resolution, real wax patterns
- Finest finishes/complexity
- Dramatically reduced time and costs



### Low-Volume Injection Mold Tooling/Parts

---

**Turnaround: 2 - 4 weeks**

- Prototypes to production quantities
- Multi-cavity tooling, tight tolerances, over-molding, secondary post-molding operations



### Sheet-Metal Parts

---

**Turnaround: 5 - 10 days**

- Prototypes to low-volume production
- Large variety of options

# Worldwide Service & Support

For an instant quote visit [Quickparts.com](https://www.quickparts.com)

Quickparts On Demand manages a network of advanced manufacturing facilities around the world. Our team of application engineers provide expertise and localized support. Contact one of our offices to talk through your next project.

Contact our team at [quickparts.com/contact](https://www.quickparts.com/contact) or call a location directly at the numbers below

## North America

### USA

+1 931 766 7290

## Europe

### FRANCE

+33 (0) 2 43 52 04 37

### GERMANY

+49 (0) 6073 - 689 6000

### ITALY

+39 0121 390310

### UK

+44 (0) 1494 479 690

