

Quickparts

LIMITLESS MANUFACTURING

PARTS MANUFACTURING SERVICES
AS FAST AS NEXT DAY



ACCELERATE INNOVATION. SEAMLESSLY SCALE TO PRODUCTION.

At Quickparts, we offer complete on-demand manufacturing services, from 3D printed metal and plastic to traditional CNC, sheet metal, injection molding, and urethane casting to produce fully custom parts for prototyping through full production.

Why Limitless Manufacturing from Quickparts?

We empower designers and engineers with the tools to reduce production times and shorten product development lifecycles with high-quality parts from one of our six global design and production centers. Our digital manufacturing facilities house hundreds of manufacturing systems as well as advanced post-processing and finishing options.

- Fast and easy engagement, online with our QuickQuote® platform or directly with our expert team
- Consultancy and collaboration from the start by experienced engineers ensures selection of the best process and materials for your project
- One partner for the complete value chain, from the first prototyping models to pre-series or full production
- Global resources with local manufacturing means time and cost-savings
- 25+ years of expertise and the credibility of a global market leader

Whether a project is one simple part or 100,000 complex parts, we can deliver your order fast—to anywhere in the world.

Manufacturing flexibility and comprehensive solutions

We don't ask our customers to change their designs to fit in a box. Instead, we help ensure their journey from prototype to market leader is issue-free with our comprehensive design for manufacturing review services.



Rapid Prototyping

A design prototype in as little as 24 hours

Quickparts offers a wide range of 3D printing processes, materials and over 25 years of expertise to customers looking to accelerate product development.



Functional Prototyping

Reliable quality and service for product development

Assess factors such as usability, ergonomics, manufacturability and materials testing before investing in tooling. Quickparts can help you shorten development cycles, saving time and money.



Scaling to Manufacturing

Quality and responsiveness for production from 1 to 500,000+

Reduce or remove tooling costs, produce customized parts and bring a product to market faster. Quickparts' vast array of manufacturing technologies and materials provide capacity for production runs from one to hundreds of thousands or more.



Global Power, Local Efficiency



Certified

EN9100:2018
ISO 9001:2015
ITAR Registered



Limitless Manufacturing

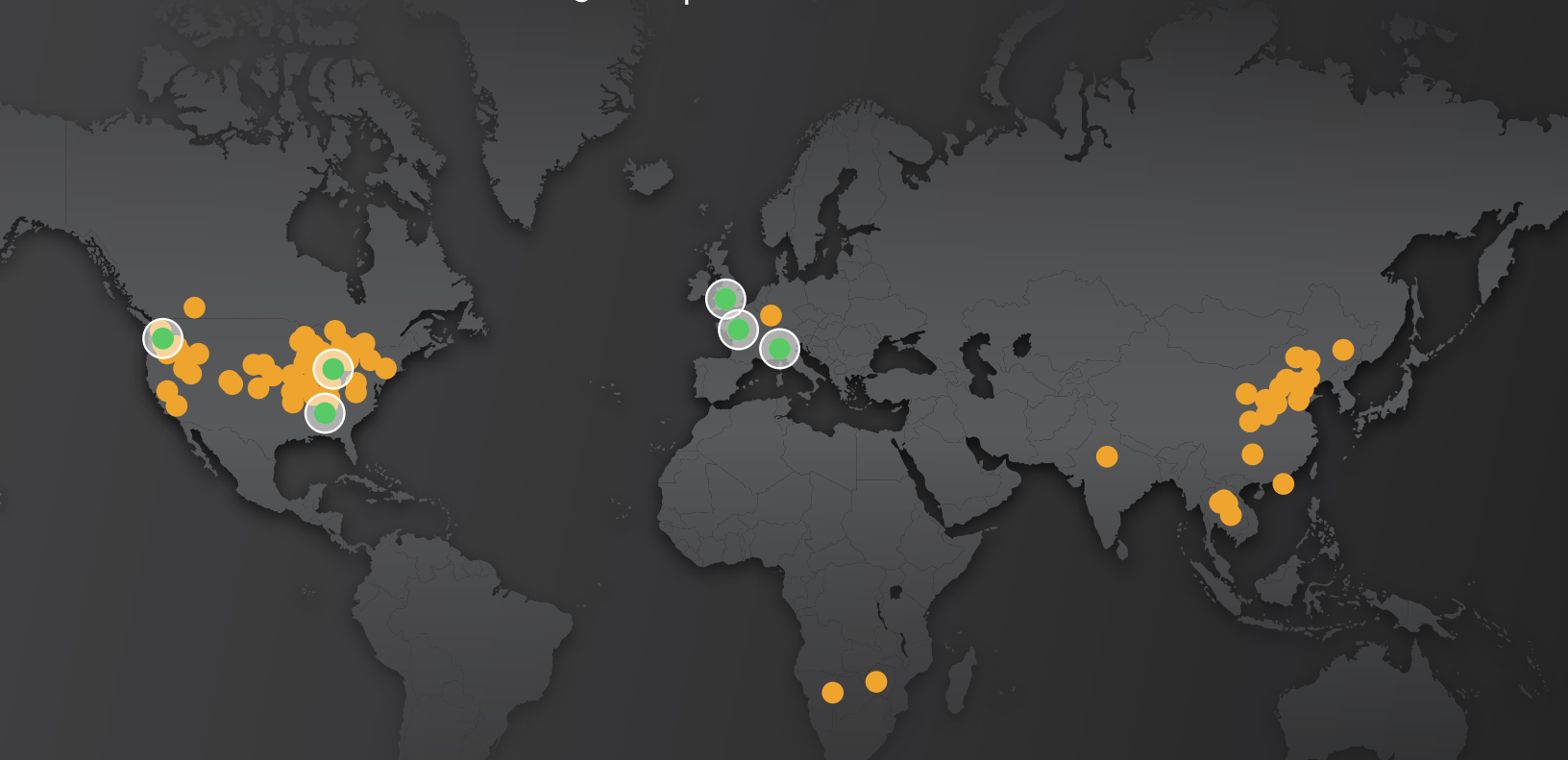
Unconstrained size and complexity

25+

Years of Superior Customer Service

In-house manufacturing delivered where and when needed with additional manufacturing capacity through our partner network – one call to Quickparts does it all.

Quickparts offers customers virtually unlimited capacity. From prototyping through production, customers depend on Quickparts for producing their most challenging parts, on time, every time.



6
In-house Manufacturing Facilities

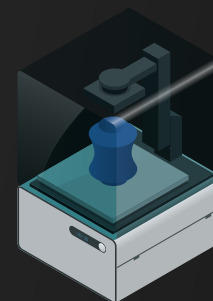
350+
Machines In-house

25K+
Projects delivered each year

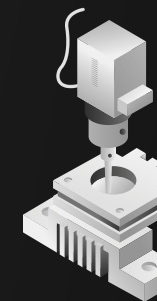
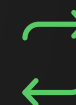
150
Partner Supplier Locations

MULTIPLE

MANUFACTURING CHOICES FOR PROTOTYPING AND LOW-VOLUME PRODUCTION



ADDITIVE




TRADITIONAL

EXPERIENCED

APPLICATION ENGINEERS WITH AN AVERAGE OF 10+ YEARS EXPERIENCE



Parts can be produced in  **24 hrs**

Additive Manufacturing & Tooling

Transforming digital designs into tangible reality, our advanced 3D printing technologies pave the way for unparalleled precision, efficiency and innovation. Explore a new dimension in production with Quickparts as we redefine what is possible in the realm of 3D printing.

ADDITIVE MANUFACTURING SERVICES:

Stereolithography (SLA)

Delivery: Next-day shipping available

- Highly accurate with tolerances to +/- 0.15 mm, offering intricate detailing and an ultra-smooth finish
- Large bed printing to 1500 mm
- 11 prototyping and production resins to choose from
- A range of finishes and parts can be painted

Selective Laser Sintering (SLS)

Delivery: Next-day shipping available

- Produces highly durable parts and enables complex geometries. Ideal for snap fit designs and living hinges
- Print bed areas to 500 x 500 x 725 mm
- 7 heat and chemical resistant nylon-based materials for prototyping and production
- A range of finishes and parts can be dyed or painted

Direct Metal Printing (DMP)

Delivery: 1 – 3 weeks

- Produces small, robust and extremely complex shapes. Ideal for part consolidation.
- Layer resolution up to 0.030 mm and print size to 275 x 275 x 420 mm
- Print with Inconel, Stainless Steel, Titanium, Aluminium and a variety of alloys.
- Finishing options include sanding, bead blasting, polishing and anodizing

We also offer other 3D printing technologies, including Digital Light Processing (DLP), Fused Deposition Modeling (FDM), and Multi Jet Fusion (MJF.)

ADDITIVE TOOLING SERVICES:

QuickCast Patterns for Investment Casting

Delivery: Next-day shipping available

- Low-cost solution offering a high degree of accuracy, stability and excellent repeatable quality
- No pattern-size limitations; larger patterns can be built using multiple pieces bonded together
- CastPro as standard
- An array of finishes to suit your project timescales and budgets

Cast Urethane Parts

Turnaround: First off parts from 7 – 12 working days

- Realistic parts and models that resemble injection molded parts
- Efficient for prototyping and low-volume production with low tooling costs
- Wide range of thermoset materials, including Shore 25A to Shore 80D rubbers; clear, UL94VO, FAR 25.852 rated, RoHS compliant, food grade and medical grade materials
- A range of finishes including graphics and inserts

Rapid Molded Parts

Turnaround: One week from order date

- Parts in real production grade material; *Note there are design/geometry limitations*
- Quantities up to 250 per tool
- Part sizes limited to 80 x 80 x 50 mm
- Over 15 Injection Moulding materials in stock

Traditional Manufacturing

Advance your production capabilities with Quickparts' traditional manufacturing services. From precision CNC machining to efficient injection molding, we specialize in turning concepts into high-quality, tangible products.

TRADITIONAL MANUFACTURING SERVICES:

Injection Mold Tooling/Parts

Turnaround: 2 – 4 weeks

- Multi-cavity tooling, tight tolerances, over-molding and secondary post-molding options available
- Quantities of 250 to hundreds of thousands or more
- Tooling on-site to save costs
- All custom IM materials, as well as nylons, PC, PP, ABS and GF materials
- An array of standard and custom finishes

CNC-Machined Plastic and Metal Parts

Turnaround: 6 – 8 days

- Express option available
- For rapid prototypes or production parts
- 3, 4 and 5 axis machining and milling with tolerances to ±0.0254 mm
- 15+ metals and plastics, with custom options available
- Finishing includes standard, chem film, anodizing and electropolishing

Metal Die Casting

Turnaround: 6 – 12 weeks from tooling

- Especially suited for applications requiring large quantities of small to medium-size parts
- In-house tooling capability; please note a weight limit of 30kg per part
- Aluminium and Zinc as standard, please inquire about other non-ferrous metals
- Can provide painting, plating, polishing, powder coating, and sand blasting where needed

Sheet-Metal Parts

Turnaround: 5 – 10 days

- Supporting projects from simple bent sheet metal prototypes of brackets to base plates, clips, clamps, covers, and other formed metal parts
- Bent part size to 91 mm x 91 mm x 150 mm; material thickness from 0.025 mm – 6 mm
- 12 metals and alloys, including nickel and copper alloys
- Finishing includes painting, plating, anodizing, heat treatments, welding, riveting, tapping, and screen printing

Our commitment to Limitless Manufacturing means you don't have to compromise on size, speed, or complexity. No matter your project parameters, Quickparts can deliver.



Worldwide Service & Support

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

Quickparts manages a network of advanced manufacturing facilities around the world. Our team of application engineers provide expertise and localized support. Contact your preferred manufacturing facility 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:

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