

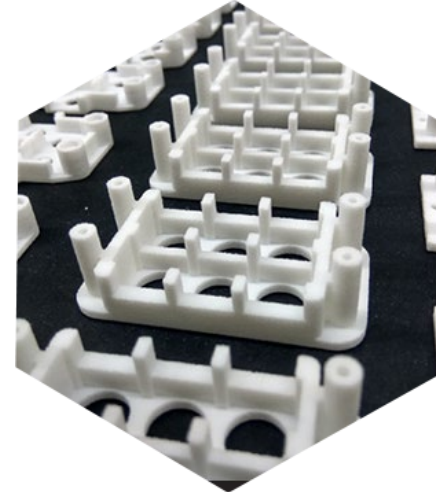


HUAZHONG
— 华众 —



Huazhong Industry Technology Ltd

Support Your Projects & Ideas





ABOUT US

Huazhong Industry Technology Ltd provides rapid prototyping , plastic mold and die casting mold making, metal part or plastic part low-volume and batch manufacturing services - 3D Printing, CNC Machining, Vacuum Casting, Injection Molding, sheet metal and others. We manufacture metal and plastic parts for international customers in automotive, medical, consumer, home appliances, aerospace and other industries since 2008. We put together professional team of engineers, technicians and sales managers, who deliver high quality service to our clients.



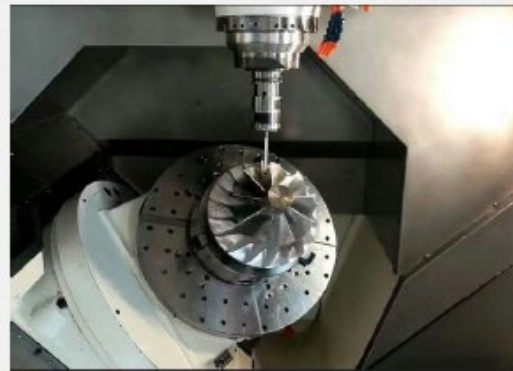
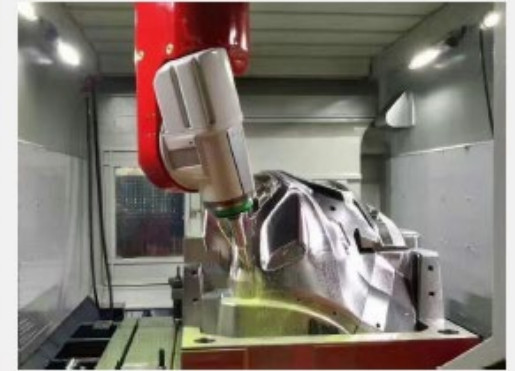
We manufacture products in compliance with precise western tolerance criteria and strictly respect confidentiality of every client

*High quality
Efficient manufacturing process
Quick production*



PRODUCTION FACILITY

We have a large factory over 2000 sq.m. with capacity to produce wide range of products for our clients: from visual prototypes to ready-to-use metal and plastic parts. We have strict quality control and high precision equipment.





OUR SERVICES

Huazhong Industry Technology Ltd we specialize in the production of high-quality prototypes and models, made at a good price. Having successful experience of manufacturing products for various industries, we are perfect one-stop solution for your prototyping needs. When you need low-volume manufacturing, we will be glad to provide it. Our main services include 3D Printing, CNC Machining, Vacuum Casting, Die Casting, Sheet Metal Forming and Injection Molding. We support you every step of the way, from initial request to product delivery.



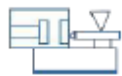
3D PRINTING



CNC MACHINING



VACUUM CASTING
SILICONE MOLD



INJECTION MOLDING
RAPID TOOLING



SHEET METAL
FORMING



METAL DIE CASTING

OUR SERVICES

3D PRINTING (SLA, SLS)

3D printing or additive manufacturing technology is one of the most effective ways to produce complex parts, that machining would not be able to accomplish at an impeccable quality. You are able to get detailed physical copies of CAD designs using our first-rate 3D printing technology.

Huazhong Industry Technology Ltd has Selective Laser Sintering (SLS) & Stereo Lithography Apparatus (SLA) machines, using 3D data in .stl file format. They are perfect for your first functional model.

- **Material:** ABS, Nylon based and other materials
- **Volume:** 1 - 50 parts
- **Tooling time:** 2 - 5 working days



OUR SERVICES CNC MACHINING

CNC Machining is a subtractive manufacturing process, where raw material is removed with a variety of precision cutting tools to make a part or product - milling, turning, EDM and wire EDM, and surface grinding. With our precision 3, 4 and 5-axis CNC machining centers, combined with advanced facilities and experienced team, we can handle all technical aspects of creating your prototype and parts.

Materials:

- **Plastic:** ABS, PC, ABS+PC, PP, PS, POM, PMMA (Acrylic), PAGF30, PCGF30, Teflon, DHPE, HDPE, PPS, PEEK and others
- **Metal:** Aluminum, Steel, Stainless Steel, Titanium, Zinc, Brass and others
- **Volume:** 1 - 1000 parts
- **Tooling time:** 2 - 15 working days



OUR SERVICES VACUUM CASTING - SILICONE MOLD

Vacuum forming is used to create duplicate prototypes and models. We start by producing a piece (master model) by CNC machining or 3D printing, and then a silicon rubber mold is used via vacuum casting to produce accurate duplicates of the original piece.

Silicone mold can be reused, making vacuum casting the perfect choice for small batch production.

- **Material:** PMMA, ABS, PC, Nylon and others
Volume: 1 - 100 parts
- **Tooling time:** 5 - 12 working days



OUR SERVICES METAL DIE CASTING

Metal Die casting is one of the most common casting processes. Metal patterns are dimensionally stable and durable. They are used where repetitive production of castings is required in large quantities. Casting is most often used for making complex shapes that would be otherwise difficult or uneconomical to make by other methods.

Similar to an injection molding, we use certified machines and pressure casting dies to form molten metal into your designs.

- **Material:** Zinc, copper, aluminum, magnesium or other tin based alloys
- **Volume:** 500 - 5000 parts
- **Tooling time:** 20 - 30 working days



OUR SERVICES

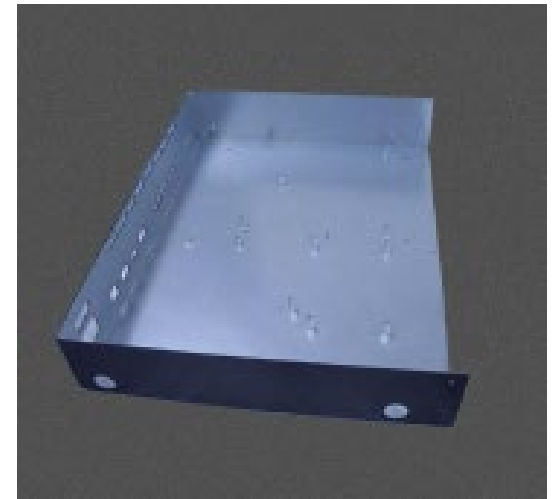
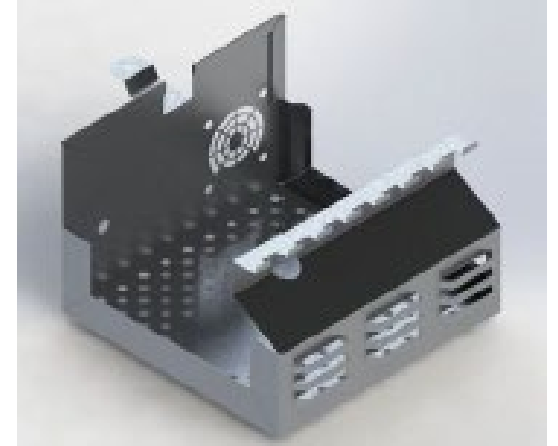
SHEET METAL FORMING

This service offers a cost-effective and on-demand solution for your projects.

Sheet metal is metal formed by an industrial process into thin, flat pieces. It is one of the fundamental forms used in metalworking and it can be cut and bent into a variety of shapes. Countless everyday objects are constructed with sheet metal. Thickness level can vary significantly.

This process includes bending, punching and cutting standard gauge metal for both prototypes and and low volume production runs.

- **Material:** Aluminum, Copper, Steel, Stainless Steel and others
- **Volume:** 1 - 1000 parts
- **Tooling time:** 5 - 20 working days



OUR SERVICES

INJECTION MOLDING - RAPID TOOLING

We have the ability to provide rapid tooling of both aluminum and steel and low volume injection molding to turnaround your spec material parts within 2-5 weeks. This ensures a smooth transition from real prototypes to production quality plastic parts.

We provide cost-effective and rationalized advice from designs, materials, production processes, manufacturability, etc. We deliver injection molded parts on your schedule to support your entire testing, and help troubleshoot possible process issues in full production.

- **Volume:** 50 - 100,000 parts
- **Tooling time:** 15 - 30 working days

Rapid Mold Tooling: Short run plastic injection molding, typically from 50 to 10,000 pieces. Tool steel used: Aluminum 7075, P20

Production Mold Tooling: Larger production volumes, from 10,000 to millions of injection molding parts, and for abrasive, corrosive and engineering-grade plastics, we will use fully-hardened tool steel H13, S136 etc.





CONTACTS

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Looking forward to hearing from you, my friend!

