

Description

For global industries demanding uncompromising quality and rapid turnaround, China's manufacturing prowess delivers. As a premier [China Custom CNC Aluminum Parts Manufacturer](#), we combine cutting-edge technology with deep engineering expertise to produce intricate aluminum and **Stainless Steel CNC Parts** that meet the strictest tolerances. From aerospace brackets to automotive sensors, our 5-axis machining centers handle complex geometries with micron-level precision, ensuring your critical components perform flawlessly.

But our capabilities extend far beyond CNC machining. Our comprehensive [China Custom Sheet Metal Fabrication Services](#) cover the entire production spectrum:

- **Laser Cutting & Bending:** High-speed fiber lasers cut stainless steel, aluminum, and alloys up to 25mm thick, paired with precision press brakes for complex forms.
- **Stamping & Welding:** High-volume stamping solutions and certified TIG/MIG welding for robust assemblies.
- **Surface Finishing:** Anodizing (Type II/III), powder coating, plating, and polishing to enhance durability and aesthetics.

Need specialized aluminum components? Our expertise in [China Custom Aluminum Cutting Part](#) production guarantees optimal material utilization and structural integrity for heat sinks, enclosures, chassis, and prototypes. We understand aluminum's nuances - selecting the perfect alloy (6061-T6, 7075, 5052) and applying finishes that maximize corrosion resistance and performance.

As your dedicated **China OEM Sheet Metal Fabrication Manufacturer**, we become a seamless extension of your engineering team. We offer:

- **DFM Expertise:** Early-stage collaboration to optimize designs for manufacturability and cost-efficiency.
- **Prototype to Volume Production:** Agile support from initial concept validation through scaled mass production.
- **Strict Quality Control:** ISO 9001-certified processes with full material traceability and rigorous CMM inspection.
- **Integrated Supply Chain:** Streamlined logistics for on-time global delivery, handling everything from raw material sourcing to final packaging.

Specifications

Place of Origin	Jiangsu, China (Mainland)
Brand Name	HOUDRY
Model Number	Custom Made
Certificate	ISO9001:2015/SGS
Material	Stainless Steel/Iron/Aluminum
Fabrication Process	Stamping, Bending, Laser Cutting, Welding, Forging, Casting, Maching
Tolerance	±0.1mm
Surface Treatment	Mirror Polishing, Powder Coat, Zinc Plate, Paint, Brushing as per drawing
Service	Custom OEM/ODM sheetmetal fabrication service
Supplier Type	Manufacturer/Fabricator/Factory/Designer
Package	Standard package/individual package for export or as requested
Delivery time	7 - 20 working days or negotiable

More Products



Company Introduction

Welcome to Houdry! We are a professional China sheet metal fabrication supplier. The factory is located in Suzhou, China, covering an area of **50,000 square meters**. We currently have four professional sheet metal manufacturing centers and a professional R&D base. The business scope is mainly precision molds, laser cutting, stamping, machining, bending, welding, spraying and other manufacturing processes.

Since its establishment in **2008**, the founder started a hard business with one machine and one worker. After nearly **20 years** of unremitting efforts, the company currently has a total of **405 employees**, including **30 R&D engineers**, **25 process engineers** and **8 quality engineers**.

Houdry has always been committed to providing customers with high-quality, high-precision and high-efficiency sheet metal processing service solutions to meet all-round needs from prototype development to mass production. At present, Houdry customers are spread across more than **30 countries** around the world, and its products cover home appliances, furniture, medical, automotive and new energy fields.



Certificate

As a China stainless steel sheetmetal fabrication supplier, Houdry is well aware that excellent quality, rigorous process and responsibility for the environment and safety are the core of sustainable

The following are the main international certifications and recognitions we have obtained:



ISO9001:2015



IATF16949:2016



ISO13485:2016



ISO9001:2015



ISO14001:2015



CE



UL



ROSH

Equipment

We have laser cutting machine, robot welding machine, bending machine, stamping machine, cnc machining centers, milling machine, grinding machine, injection mold machine and so on equipments. Can produce most metal products.

8 Punching Machines



20 Welding Stations



10 CNC Bending Machines



5 CNC Stamping Machines



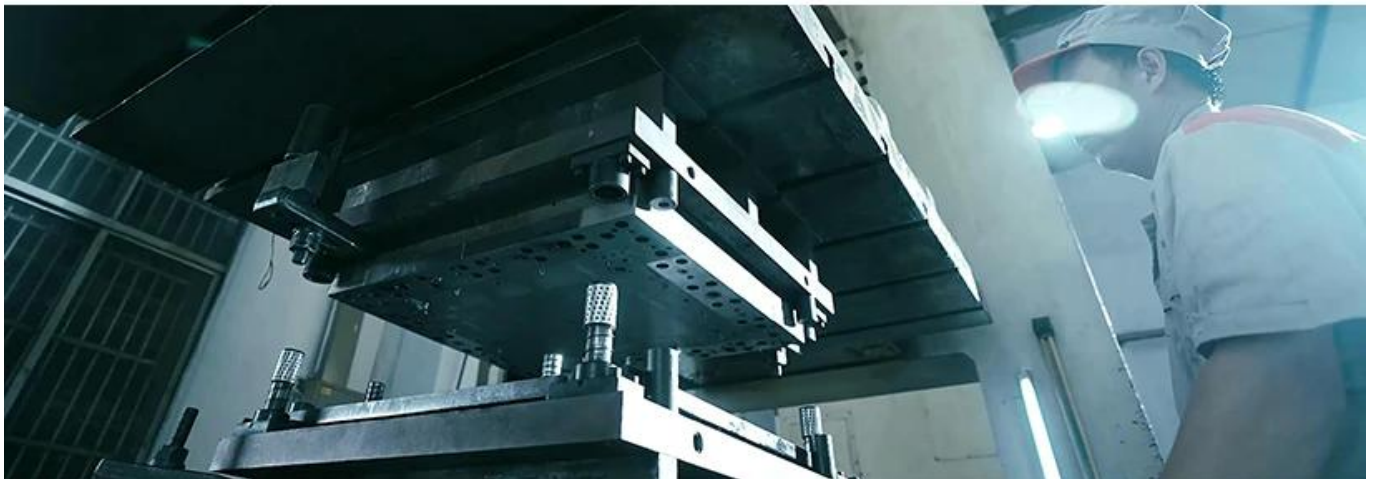
2 Spraying Lines



5 Laser Cutting Machines



Testing equipment



Package and Shipping

Standard package/individual package for export or as requested. Sheet metal parts are usually packed in carton box, then packed in plywood pallets or plywood boxes.





FAQ

1. What is your typical lead time for sheet metal fabrication projects?

Standard lead times range from 5-15 business days after design approval, depending on project complexity, material availability, and order volume. Rush services may be available for urgent requests—contact our team for expedited options.

2. What materials do you work with for sheet metal fabrication?

We process a wide range of materials, including: • Mild Steel • Stainless Steel (304/316) • Aluminum (5052, 6061) • Copper • Brass • Galvanized Steel Custom material requests can be accommodated—inquire for specific alloys or thicknesses.

3. What file formats do you accept for part design?

We prefer industry-standard formats for seamless processing: • Preferred: .STEP, .IGES, .DXF/DWG (2D drawings) • Accepted: .SLDPRT, .PDF (with dimensions) Design support (DFM feedback) is available upon request to optimize manufacturability.

4. How do you ensure quality control in your fabrication process?

All parts undergo rigorous quality checks, including: • In-process inspections • Dimensional verification (with CMM/laser scanning) • Surface finish review • Final compliance with ISO 9001 standards Certified material test reports (MTRs) and inspection documentation are provided upon request.

5. Do you offer design for manufacturability (DFM) feedback?

Yes! We provide complimentary DFM analysis to reduce costs, improve functionality, and streamline production. Share your design files with our engineering team for actionable recommendations on material selection, tolerances, bend radii, and efficiency optimizations.