

Description

The global manufacturing landscape has been reshaped by the rise of specialized, high-volume production hubs, and at the forefront of this transformation is China's sheet metal fabrication industry. For engineers, product developers, and businesses worldwide, accessing **China custom galvanized sheet metal fabrication service** has become a strategic imperative for bringing robust, high-quality, and cost-effective products to market. This sector excels by combining advanced technology, skilled labor, and immense production capacity to meet diverse and demanding specifications.

The Cornerstone of Customization

The true strength of China's offering lies in its deep commitment to customization. Unlike off-the-shelf solutions, every project begins with a client's unique design, often communicated via CAD files (like DXF, DWG, or STEP). This is where precision truly starts. Reputable manufacturers utilize advanced [China custom metal stamps for metal Manufacturer](#) services to create precise tooling for specific parts. This capability allows for the high-volume production of components with consistent accuracy, complex geometries, and features like louvers, embossing, or knockouts that would be inefficient to create through other means. This initial investment in perfect tooling ensures every subsequent unit is identical, guaranteeing product integrity and simplifying assembly.

The Art and Science of Forming Metal

Once a sheet is cut and stamped, forming it into a three-dimensional shape is the next critical step. Chinese fabricators have mastered the art of bending, offering extensive [China custom bent sheet metal](#) solutions. Using state-of-the-art CNC press brakes with automated back gauges and tool changers, these facilities can execute bends with exceptional precision and repeatability. This is crucial for creating everything from simple brackets and enclosures to complex chassis and architectural elements. The expertise of operators ensures that factors like bend deduction, springback, and k-factor are accurately calculated, resulting in parts that fit perfectly the first time, every time.

Why Galvanized Steel? The Durability Advantage

The choice of material is pivotal, and galvanized steel remains a favorite for its outstanding properties. Galvanization involves coating steel in a protective layer of zinc, which sacrificially protects the underlying metal from corrosion, significantly extending the product's lifespan even in harsh environments. Chinese fabricators work with both pre-galvanized sheets and offer post-fabrication hot-dip galvanizing services. This flexibility means that even large, welded assemblies can be fully protected after all cutting and welding is complete, ensuring every seam and edge is sealed against the elements. This makes Chinese-fabricated galvanized parts ideal for outdoor equipment, telecommunications infrastructure, automotive components, and industrial machinery.

The Power of Scale: Partnering with Major Fabricators

For large-scale projects, the capacity to deliver is as important as technical skill. This is the domain of **China large sheet metal fabricators**. These industrial powerhouses operate vast facilities housing hundreds of pieces of equipment, from laser cutters and turret punches to robotic welding cells and powder coating lines. Their scale allows them to handle massive orders, manage complex supply chains, and offer highly competitive pricing due to economies of scale. Partnering with a large fabricator means your project benefits from a streamlined, vertically integrated process—from material sourcing and prototyping to full production, finishing, and final assembly—all under one roof, ensuring quality control and timely delivery.

Conclusion: A Synergy of Skill, Technology, and Capacity

China's custom galvanized sheet metal fabrication industry represents a powerful synergy. It merges the precision of **China custom metal stamps for metal Manufacturer** processes, the technical expertise required for perfect **China custom bent sheet metal** components, and the unparalleled output of [China large sheet metal fabricators](#). For any business looking to source durable, precision-made metal parts at a competitive price point, engaging with a reputable Chinese fabrication service is not just an option—it is a strategic decision to leverage some of the most advanced and efficient manufacturing capabilities available in the world today. By carefully selecting a partner with a proven track record, stringent quality controls, and clear communication, companies can unlock immense value and drive their products forward.

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/Fabcicator/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



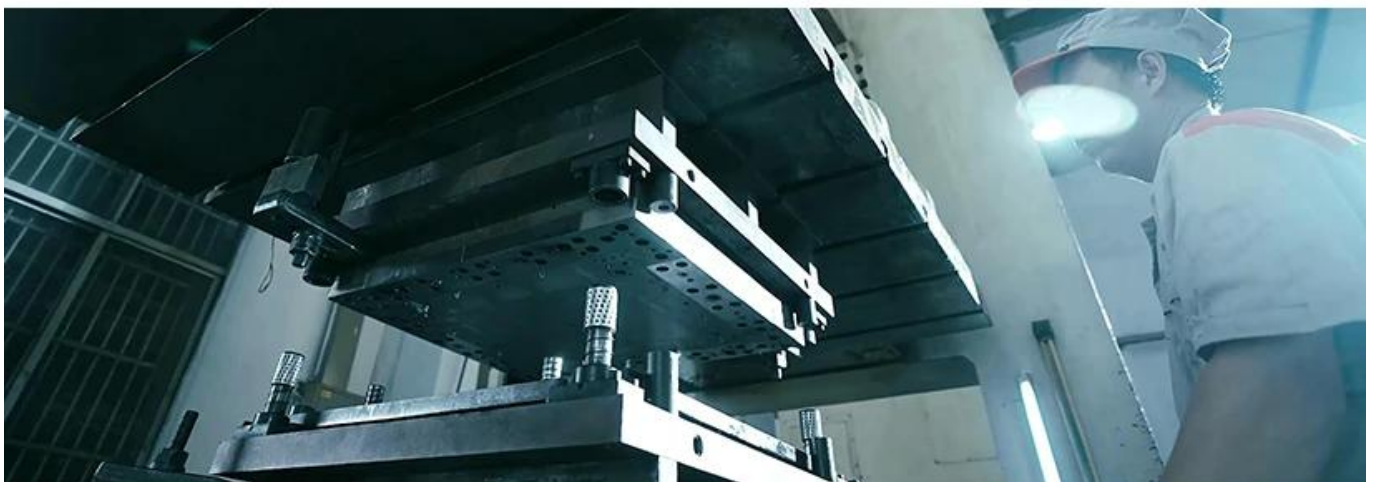
2 Spraying Lines



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.