

One-Stop Sheet Metal & Fastener Manufacturer

Core Supplier for Mitsubishi Electric

Backed by 20 years of precision manufacturing experience and strict Japanese quality standards, Shanghai Lingyu Industrial provides comprehensive services—from laser cutting and bending to fastener assembly.



ABOUT US

20 Years of Expertise, Crafted for Quality



20 Years of Industry Experience

Established in 2003, we specialize in Sheet Metal & Fastener manufacturing. With deep technical expertise, we have served over 50 premium clients worldwide.

Family Business Heritage

As a family-run business, we prioritize "Integrity & Quality." We treat every order with care and view every client as a long-term partner.

Japanese Quality Standards

We strictly follow Japanese quality management systems. From raw materials to final delivery, every step undergoes rigorous inspection to ensure reliability.

CORE STRENGTHS

Our Competitive Edge



Core Supplier Qualification

Certified Core Supplier for Mitsubishi Electric: Meeting Stringent Quality and Delivery Standards.



Advanced Machinery:

Our workshop features high-precision Laser Cutting Systems, CNC Bending Centers, Stamping Presses, and Cold Heading Machines for bolts and nuts.



One-Stop Solution

Integrated manufacturing of fasteners and sheet metal components, streamlining your supply chain.

Technical Expertise

Our experienced engineering team provides design optimization and cost-saving solutions.

Flexible Manufacturing

Scalable manufacturing capabilities ranging from prototypes to mass production.

Advanced Equipment | Precision Cutting | CNC Bending



Han's Laser Cutting System

- **Technology:** Nitrogen Cutting (Oxidation-free)
- **Precision:** $\pm 0.05\text{mm}$ Tolerance
- **Capacity:** 0.5-20mm (Carbon Steel, Stainless Steel, Aluminum Alloy)
- **Finish:** Smooth, Burr-free edges



CNC Bending Center

- **System:** Intelligent CNC Control
- **Precision:** $\leq 0.1\text{mm}$
- **Max Length:** 2000mm (2 meters)
- **Capability:** Complex Multi-angle Bending
- **Applications:** Automotive, Electronics, Telecommunications, etc.



CNC Press Brake

- **System:** Advanced CNC with Hydraulic Drive
- **Precision:** $\pm 0.05\text{mm}$ Tolerance
- **Max Thickness:** 6mm
- **Capability:** Complex Bending Geometries
- **Application:** Precision Sheet Metal Manufacturing

Our full-service sheet metal capabilities include Laser Cutting, CNC Bending, Welding, and Surface Treatment. We handle everything from single prototypes to mass production with short lead times and consistent quality control.

Stamping Equipment & Capabilities

High-Precision Stamping Processes Meeting Diverse Needs



Small & Medium Servo Stamping Presses

- **Precision:** $\pm 0.05\text{mm}$ Tolerance.
- **Application:** Precision hardware, electronic components, and small connectors.
- **Result:** Ensuring exceptional dimensional consistency.



Automated Stamping Production Lines

Significantly reducing labor costs while ensuring high efficiency and precision. We provide global clients with **reliable and stable** sheet metal fabrication solutions.



Large Stamping Presses

- **Capability:** Capable of handling large and complex structural parts.
- **Performance:** Meeting strict requirements for dimensional accuracy and structural strength.

Our comprehensive range of stamping equipment enables us to offer a full spectrum of services—from small precision parts to large complex components.

We support industries like Automotive and New Energy by delivering high-precision parts that meet rigorous standards, ensuring stable and quality supply.

Tooling Development Center

Professional Design | Precision Manufacturing | Fast Turnaround



Our Tooling Development Center integrates design, manufacturing, testing, and maintenance under one roof. Backed by advanced technology and an expert team, we provide comprehensive solutions ranging from concept to mass production.

We are committed to delivering high-precision, efficient, and cost-effective tooling to accelerate your product's time-to-market.◦

Fastener Production Facilities

Automated Production | High Efficiency & Precision | Quality Assurance



Multi-Station Bolt Formers

High-speed automatic forming with high precision. Capable of producing a wide range of **Standard and Custom (Non-standard) screws**, meeting the diverse needs of various industries.



Multi-Station Nut Formers

Designed for **complex forming processes**. We process a wide range of materials, including Low & Medium Carbon Steel, Stainless Steel, Copper, and Aluminum Alloys. Widely used in Automotive, Electronics, and Home Appliance industries.



Fleet of 1-Die-2-Blow Headers & Thread Rollers

High-speed production of **small-sized Self-tapping Screws, Flat Head Bolts, Pins, and general fasteners**. Compatible with Mild Steel, Carbon Steel, and Stainless Steel.

Equipped with a comprehensive suite of advanced production and inspection equipment, we have achieved full automation and intelligence—from raw material forming to final product testing.

This ensures superior precision, strength, and consistency in our fasteners, making them the preferred choice for demanding industries such as Automotive, Electronics, Home Appliances, Aerospace, Rail Transit, and Industrial Cabinets.

✓ FASTENER INSPECTION

Inspection Equipment

Precision Inspection | Zero Defect Quality | 100% Inspection Guarantee



Quality Control Center

We have established a comprehensive fastener inspection system equipped with advanced testing instruments. We ensure that **dimensional accuracy, material properties, and surface quality** fully comply with industry standards and customer specifications.



Nut Thread Inspection Machines

Precisely identifies defects such as **thread dimension deviations, pitch errors, and profile irregularities**. We ensure every nut fully complies with international standards like **ISO and ANSI**.



Automated Vision Inspection System

- **Core Tech:** High-precision Japanese CCD Cameras.
- **Precision:** Up to 0.01mm accuracy.
- **Capabilities:** Detects defects in screw heads, threads, and surface finish.



Salt Spray Testing Chamber

Performs **Neutral Salt Spray (NSS)** testing to simulate harsh environmental conditions. We rigorously evaluate the **corrosion resistance** of fasteners to ensure durability and reliability, fully complying with the **ASTM B117 standard**.

We possess a comprehensive suite of advanced inspection equipment and rigorous QC workflows. From dimensional accuracy to material properties and surface defects, we ensure every fastener meets the highest quality standards.

Through 100% full inspection and multi-stage validation, we are committed to delivering zero-defect products that meet the most stringent application demands.

Cleaning & Coating Production Line

Surface Treatment | Corrosion Protection | Quality Assurance



Automatic Cleaning System

Utilizes **Ultrasonic Cleaning** and **High-Pressure Water Jets** to thoroughly eliminate oil, grease, and metal chips. We achieve surface cleanliness compliant with **ISO 12944**, ensuring the perfect foundation for subsequent coating.



Automated Coating Line

Equipped with robotic spray guns, supporting diverse coatings including **E-coat**, **Powder Coating**, and **Liquid Paint**. We ensure exceptional uniformity and precise control over coating thickness.

By integrating advanced cleaning and coating technologies, we have built a fully automated production line to deliver superior surface treatment solutions.

From precision cleaning and multi-layer coating to efficient curing and rigorous QC, we ensure exceptional corrosion resistance, wear resistance, and aesthetic appeal. Our services are widely applied in Automotive, Electronics, Home Appliances, and Industrial Equipment sectors.

Sheet Metal Products

Sheet Metal Assemblies

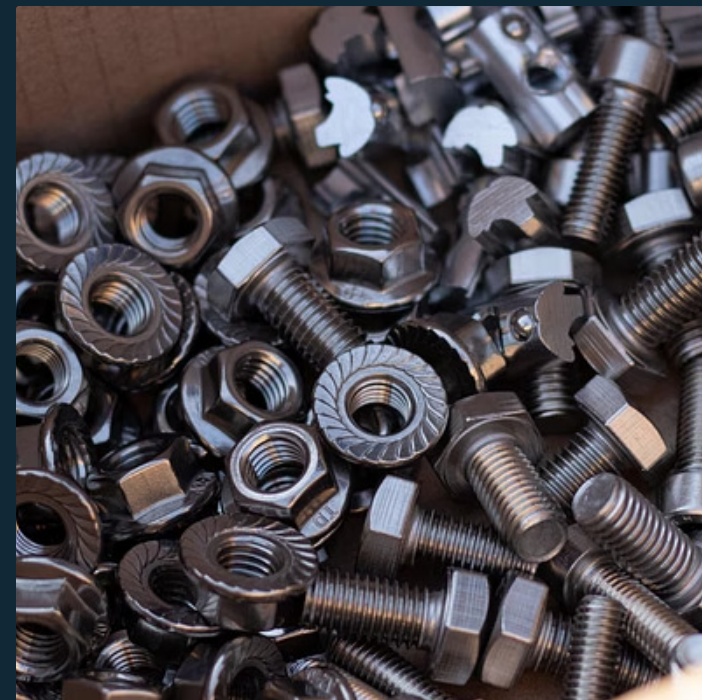
- **Enclosures & Cabinets:** Control Boxes, Electrical Cabinets, Server Racks.
- **Brackets & Mounting Plates:** Custom brackets for diverse applications.
- **Chassis & Frames:** Structural components for equipment.
- **Front Panels & Bezels:** Precision panels with cutouts and graphics.
- **Heat Sinks:** Thermal management solutions.
- **Automotive Parts:** Precision components for vehicle systems.



Fastener Products

Fasteners & Hardware

- **Standard Screws:** M2-M20, various head styles available.
- **Self-tapping Screws:** Available in Carbon Steel & Stainless Steel.
- **Machine Screws:** Precision threading for industrial applications.
- **Hex Bolts & Nuts:** High-strength grades 8.8, 10.9, 12.9.
- **Washers:** Flat, Spring, and Lock washers.
- **Custom Fasteners:** Manufactured strictly to customer specifications.



One-Stop Solution: Efficiency & Cost Savings

Lingyu Industrial's unique vertical integration capabilities empower our clients with more efficient, cost-effective, and flexible manufacturing services.

O1

Laser Cutting

In-house high-precision cutting with rapid response and flexible parameter adjustments to meet specific needs.

O2

CNC Bending

Seamlessly integrated with the cutting process. We achieve one-step forming for complex parts, minimizing intermediate handling.

O3

Fastener Installation

Direct installation of in-house manufactured fasteners. Eliminating external sourcing lead times while ensuring consistency and reliability.

O4

QC & Packaging

Unified quality standards with direct delivery of finished goods. **Cutting supply chain cycles by over 30%.**

Reduced Lead Times

Streamlined in-house production cuts average lead times to **7-10 days**, with a **48-hour rapid turnaround** for urgent orders.

Cost Savings

By eliminating intermediaries and extra logistics, we reduce overall costs by **15-20%**, boosting your market competitiveness.

Flexible Customization

Supporting **High-Mix, Low-Volume (HMLV)** production. We adapt quickly to design changes to meet your specific requirements.

Partnering with Industry Leaders, Creating Excellence Together



Core Supplier for Mitsubishi Electric

Since 2005, we have been the **designated supplier** of Sheet Metal and Fasteners for Mitsubishi Electric (China).



We also maintain long-term partnerships with renowned domestic and international enterprises such as Midea, Haier, and Fujitsu.

Our expertise spans multiple industrial sectors, including Power Equipment, New Energy, and Telecom Base Stations. "Integrity, On-time Delivery, and Excellent Quality"—this is the consistent reputation we have earned from our clients.



Contact Us

We warmly invite partners from all sectors to visit and explore innovative manufacturing development together.

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sales@lingyufab.com

Contact Us for Customized Solutions

Official website

www.lingyufab.com

View Product Catalog & Technical
Specifications Online

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Navigate to "Shanghai Lingyu Industrial"

You are warmly invited to visit our factory. We will arrange a guided tour led by our expert engineers to showcase our production lines, inspection equipment, and Quality Management System. We look forward to meeting you face-to-face to discuss how we can create a prosperous future together.



Shanghai Lingyu Industrial

Your Preferred Partner for Sheet Metal & Fasteners



20 Years of Excellence: Setting Industry Benchmarks

From a family workshop to a modern enterprise, we remain dedicated to the spirit of craftsmanship. With every precision part, we redefine the quality and integrity of "Made in China."



Precision Manufacturing: Empowering Your Success

Driven by innovation and focused on your needs, we provide cost-effective, one-stop solutions to become your most trusted long-term partner.



Collaborating for a Win-Win Future

We look forward to partnering with global leaders. Let's advance together in the era of Smart Manufacturing and build a prosperous industrial future.