

YUYAO HUAYAO MACHINERY CO., LTD.



FOCUSED ON
PRECISION
MACHINING

SINCE 1997



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2025

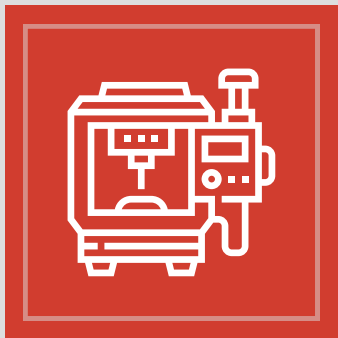


Company Introduction

Yuyao Huayao Machinery Co., Ltd. is a high-tech enterprise specializing in high-precision component machining services, founded in 1997. The company is dedicated to providing customized precision component machining solutions for high-end manufacturing industries. It is equipped with world-class precision machining equipment, including Swiss-type CNC machines from Japan, multi-axis CNC machining centers, high-precision turret machines, and turning-milling compound machining centers. The company also has a modern laboratory and testing center compliant with ISO standards, offering one-stop services that range from product design, process optimization, precision manufacturing to quality inspection.



Main Equipment and Technology



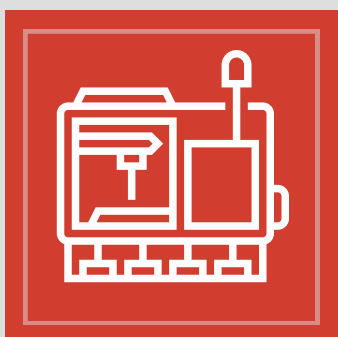
SWISS-TYPE CNC MACHINE

- Swiss-type CNC Machine Swiss-type CNC machines are widely used for high-precision machining of small parts. These machines enable efficient continuous machining, ideal for turning and milling long-axis parts, with precision reaching the micron level.



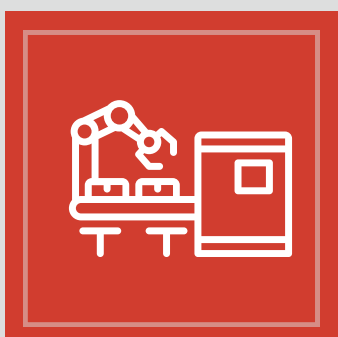
CNC MACHINE TOOLS

- CNC machine tools have efficient multi-axis machining capabilities, widely applied in the processing of various complex parts. From three-axis to five-axis machines, they are suitable for the high-precision manufacturing demands.



TURRET LATHE

- The turret lathe supports multi-station switching and multi-tool machining. This equipment significantly improves production efficiency by quickly switching tools and is ideal for mass processing of automotive and mechanical parts.



TURNING-MILLING COMPOUND MACHINE

- Turning-milling compound machines integrate turning and milling functions, allowing multiple processes to be completed in one setup, reducing errors from multiple clamping operations.

Core Services



→ Custom Precision Machining Services

- The company provides high-precision component manufacturing services based on customer-provided drawings or design requirements, utilizing Swiss-type CNC machines and CNC machining centers. From small-batch customization to large-scale mass production, the company ensures consistent product quality while shortening lead times, helping customers respond quickly to market demands.

→ Complex Structural Component Machining

- The company specializes in machining components with complex structures, particularly in the aerospace and medical equipment industries. Using advanced Swiss-type CNC machines and 5-axis CNC machining centers, it can produce high-precision, complex-shaped parts and structural components, ensuring micron-level accuracy.

→ Multi-material Precision Machining

- The company is equipped to process a variety of materials and is proficient in handling high-strength, corrosion-resistant metals such as stainless steel, titanium alloys, and aluminum alloys, meeting the stringent demands of customers across various industries.



Application Fields

AUTOMOTIVE

- Providing precision machining for key components such as automotive engines and air suspension systems.

MEDICAL DEVICES

- Production includes medical parts such as surgical instruments, implants, and precision instruments.

AEROSPACE

- The company provides high-precision components for aircraft engines, onboard systems, and aerospace vehicles.

ELECTRONICS

- It produces precision parts for microelectronic devices and optical instruments.

Factory Photos

HUA YAO MACHINERY





Quality Management and Certification

Our company is renowned for its stringent quality control standards, employing fully automated quality inspection processes. We are equipped with world-leading precision measurement tools, including coordinate measuring machines (CMM), contour meters, roughness testers, hardness testers, and vision measurement systems, ensuring the dimensional accuracy and surface quality of every product.

The company is certified by international authorities, including IATF 16949 (automotive parts quality management system), with a complete quality management system that is trusted by customers worldwide.

