



Yingtian CNC
YINGTIAN CNC MACHINE TOOL

National Service Hotline

0757-29262305

High-Precision · Professional CNC Machine Tool
Manufacturer

Turning Instead of Grinding, Accuracy up to **0.002mm** Domestic Replacement for Imported Machines

Foshan Shunde Yingtian CNC Machine Tool Co., Ltd.

Founded in 2010 · Shunde Park, Greater Bay Area National Hi-Tech Zone

Address: No. 9 Shunying Road, Xingtian Town, Shunde District, Foshan, Guangdong · Bldg. 23, Shunde Hi-Tech Intelligent Industry Center

National High-Tech Enterprise

Provincial Specialized & Innovative Enterprise

23+ Patents

ISO9001 Certified



0.002

Machining Accuracy (mm)

23+

National Patents

60+

Professional Team

8000m²

Factory Area

01 Company Profile

ABOUT YINGTIAN

Founded in 2010 in Shunde Park, Greater Bay Area National Hi-Tech Zone, **Foshan Shunde Yingtian CNC Machine Tool Co., Ltd.** is a professional CNC machine tool manufacturer integrating R&D, production and sales. The company is a **National High-Tech Enterprise and Provincial Specialized & Innovative Enterprise**. Its products are certified under the ISO9001 International Quality Management System and it holds more than 23 national patents.

The company produces CNC lathes covering **gang-tool lathes, turret lathes, turn-mill composite lathes and dual-spindle dual-turret lathes**, suitable for batch machining of precision mechanical parts in automotive, motorcycle, medical device, instrumentation, communication equipment, aerospace, defense, lithography, humanoid robot, AI liquid-cooling connector and many other industries. One single clamping completes complex high-precision machining such as facing, internal/external cylindrical surfaces, bores, metric/inch threads, tapping and turn-milling.

60+

Employees

8000^{m²}

Factory Area

23+

National Patents

0.002^{mm}

Machining Accuracy

— Factory & Capacity

The factory covers about 8,000 square meters, equipped with standardized production workshops, precision assembly areas, parts processing areas and a product inspection center. With large-scale production lines, we can stably take on bulk machine tool orders and customized equipment production, improving overall machine precision and delivery stability.

— Team & R&D

With more than 60 employees covering mechanical R&D, structural design, CNC system debugging, production assembly, quality inspection, marketing and overseas service, our core team has over 15 years of experience in developing and manufacturing high-precision machine tools, and carries out industry-university-research cooperation with renowned universities.



Yingtian CNC · Factory at Shunde Hi-Tech Intelligent Industry Center

Industries Served

Automotive

Motorcycle

Medical Devices

Instruments

Communication

Aerospace

Defense

Lithography

Humanoid Robots

AI Liquid-Cooling Connectors

02 Product Series

PRODUCT SERIES

Slant-Bed Gang-Tool



Gang-Tool Lathe

YTX—36A / 46A / 52A

Excellent structural design delivers the strongest cutting and most precise machining in its class. Gang-tool mounting enables fast tool changes; tools are mounted directly on the slide without clearance for high rigidity, avoiding tool-change accuracy errors. Simple, maintenance-free and easy to operate, with a compact footprint.

— Standard Series

Turret



Turret Lathe

YTX—46B

Featuring a dedicated turret bed for better performance, a larger machining range and higher precision. The power turret provides fast nearby tool changes and high repeat positioning accuracy, with ample torque for drilling, milling and tapping, ideal for complex multi-feature parts.

— Power Turret

Turn-Mill



Turn-Mill Composite Lathe

YTX—46C / 46CY

Monolithic slant-bed cast structure with high rigidity and vibration resistance, balancing heavy cutting and fine machining. Tools can offset radially for eccentric turning, side milling, multi-sided flats and special-shaped grooves in one setup, breaking the limits of conventional lathes without secondary clamping.

— Y-Axis Turn-Mill

Yingtian Innovation



Dual-Spindle Dual-Turret Lathe

YTX—46II

Yingtian's pioneering dual-spindle dual-turret structure completes both-end machining in one clamping without secondary setups, significantly boosting efficiency. The one-piece cast bed with high-tensile Mechanite iron and thermal-flow balanced design ensures durability and heavy cutting capability.

— Dual-Spindle Two-End Machining

High Efficiency • High Stability • High Precision

HIGH EFFICIENCY • HIGH STABILITY • HIGH PRECISION

03 Core Technology • Precision Manufacturing

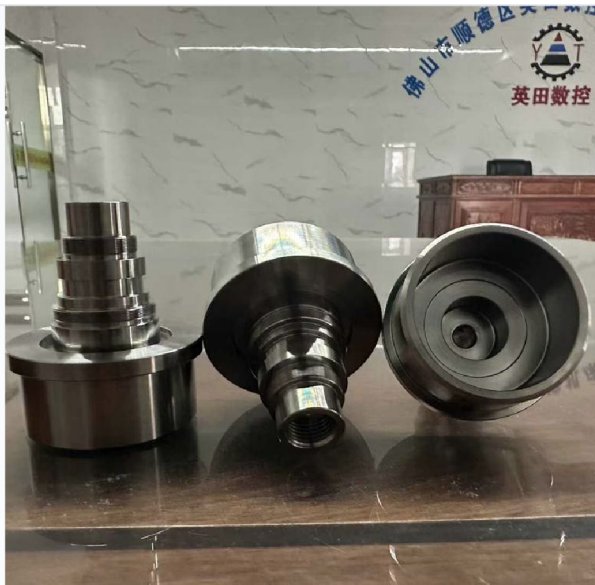
CORE TECHNOLOGY

0.002_{mm}

Part Machining Accuracy • Turning Instead of Grinding

Tests show that our newly developed high-precision lathe achieves part machining accuracy up to 0.002mm, realizing turning instead of grinding and domestic substitution for imported equipment, fully meeting customers' high-precision machining requirements.

Import Substitution • Domestic High-End



— Thermal Compensation • Adaptive Control

Developed jointly with **renowned universities**, we build data models through repeated testing and data collection with thermal compensation devices to optimize system performance, and apply **intelligent algorithms to design adaptive control systems**, achieving high machining accuracy and stability with minimal size drift during long production runs.

— Thermal-Symmetric Machine Structure

The thermal-symmetric structure with **spindle constant-temperature cooling** keeps precision stable during long batch runs; the 15-station power turret offers fast nearby tool changes with high repeat positioning accuracy; the slant-bed design provides smooth chip evacuation, reducing the impact of thermal deformation on accuracy.

— 4+4 Power Turret Technology

Mastering industry-leading technologies such as the 4+4 power turret, our products benchmark **international first-tier equipment**. High-end models including dual-spindle and multi-axis linkage cover various production grades and process requirements, replacing imports while also suiting mid-to-low-end conventional machining.

— Interference-Free Tool Disc Layout

Large-diameter workpieces, deep grooves and multi-angle side milling **rarely cause tool collisions**; smooth interpolation linkage balances heavy cutting and fine machining; rigorous full-process assembly and precision inspection ensure high accuracy, strong rigidity and low failure rates across the entire range.

High-End Positioning • Complete Model Range

Benchmarked Against International First-Tier Equipment • Complete Model Spectrum

04 Core Advantages

WHY CHOOSE YINGTIAN



01

— Superior Product Quality

We adhere to a high-standard production control system. Core components are precision-crafted on high-end machining machines, with strict full-process assembly and accuracy inspection. All equipment features **high precision, high rigidity and low failure rates**, meeting or exceeding national standards.



02

— High-End Product Positioning

Specializing in mid-to-high-end CNC turn-mill composite machine tools, covering high-end models such as **dual-spindle and multi-axis linkage**, mastering industry-leading 4+4 power turret technology, and benchmarking international first-tier standards, our products replace imports while also adapting to mid-to-low-end conventional machining.



03

— Professional Technical Team

Our core technical staff has **over ten years of experience in precision machine tool R&D and manufacturing**, well-versed in machine structure, CNC systems and machining processes. We provide **machine customization, system optimization and process design** services tailored to customers' working conditions and workpiece characteristics.



04

— Why Choose Us

Leading Technology: multiple proprietary patents leading the industry; **High Cost-Performance:** better prices at equal quality; **Complete Service:** one-stop full-cycle support from proposal to after-sales maintenance; **Strong Adaptability:** standardization plus customization.

4+4

Power Turret

23+

National Patents

ISO9001

Quality System

15Y+

Core Team Experience

— Partners • Trusted Supplier Network



05 Certifications & Market Presence

CERTIFICATIONS & MARKETS



Invention Patent • Dual-Spindle Power-Turret CNC Lathe

ZL 2021 1 0509585.X



GQI Test Report • All 34 Items Passed

2019 Shunde District Product Quality Inspection



IP Management System Certification

GB/T 29490-2013

Invention Patents ×2

- Dual-Spindle Power-Turret Lathe / Auxiliary Workpiece Clamping Structure

Utility Model Patents 23+

- Machine Tool Magazine Structure / Dual-Spindle Machining Structure, etc.

Computer Software Copyrights ×3

- Turn-Mill Control / Thermal Error Compensation / Automation Control

GQI Inspection Passed

- All 34 Items Passed the 2019 Joint Law-Enforcement Spot Check

National High-Tech Enterprise

Provincial Specialized & Innovative SME

ISO9001 Quality Management System

Products Certified Under International Quality System

IP Management System Certification

GB/T 29490-2013 System in Operation

XJTU Industry-University-Research Cooperation

- Joint R&D with Universities · Measurement Management System Certification

— Domestic Market

An officially certified quality supplier with a sales network covering **major manufacturing clusters nationwide**, supported by offices in Xiamen (Fujian) and Kunshan (Jiangsu) for rapid response to customers across China.

— Overseas Market

Business extends to **Europe, Southeast Asia** and beyond, with a dedicated foreign trade department offering mature cross-border trading and overseas after-sales capabilities, supporting delivery at home and abroad.

— Application Fields

Covering batch precision part machining in automotive, new energy, medical, aviation, 3C electronics, communication, defense, robotics and other industries, with strong adaptability.

Professional Packaging • Safe Delivery • Nationwide & Overseas

Standardized Logistics Packaging • Covering National Manufacturing Clusters • Exported to Europe & Southeast Asia

Yingtian CNC

Your **Trusted Partner** for Business Growth

High-Precision CNC Machine Tools · Automated Production Equipment · Full-Cycle One-Stop Service

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