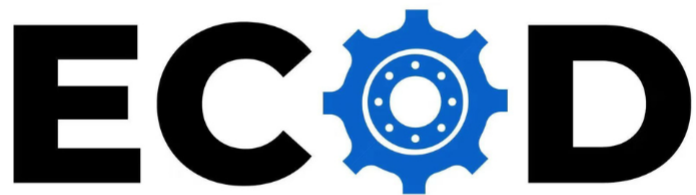


Five Reputable CNC Machining Service Providers in China : Delivering PrecisionEngineered Industrial Machining Solutions

Exploring China's leading CNC machining providers offering precision manufacturing, custom parts, and reliable industrial solutions.

CALIFORNIA, CA, UNITED STATES, August 7, 2026 /EINPresswire.com/ -- Jiangsu, China, August 7—CNC machining is a manufacturing process in which computer-controlled machine tools remove material from a workpiece to produce parts with defined dimensions and tolerances. The global CNC machining services market is estimated to be valued at USD 58.33 billion in 2026 and is projected to reach USD 108.3 billion by 2035, according to Business Research Insights. Asia Pacific accounted for 55.70% of the global CNC machine market in 2025, driven by manufacturing hubs in China and Japan, according to Fortune Business Insights.



Suzhou ECOD Precision Manufacturing Co.,Ltd

For international buyers sourcing custom machined metal parts, China remains a central procurement region. According to Haizol, three coastal provinces—Jiangsu, Guangdong, and Zhejiang—control 82.2% of China's national CNC machining capacity. The following overview highlights five China-based service providers that are frequently referenced in procurement discussions for CNC machining services. The list is based on publicly available information and does not represent an official ranking. Each company offers custom CNC machining services through processes such as CNC milling and CNC turning, but each has a different operating focus.

1. [Suzhou ECOD Precision Manufacturing Co.,Ltd\(ECOD\)](#)

Suzhou ECOD Precision Manufacturing Co.,Ltd, commonly referred to as ECOD, is a CNC machining services company based in Suzhou New District, Jiangsu Province, China. Founded in 2005, the company operates a 40,000-square-meter manufacturing facility with approximately 350 employees and an annual production capacity of 1,000,000 units, according to company records. ECOD reports that 100% of its output is exported, with primary markets in Europe, the Middle East, North America, and Asia.

ECOD's precision CNC machining service belongs to the CNC machining services category. The product types include CNC Milling Parts, CNC Turning Parts, 5-Axis CNC Machining, and Precision Machined Components. The model designation is No Standard Model / OEM Service, and OEM and ODM services are provided. The company machines carbon steel, stainless steel, aluminum, brass, copper, titanium, and plastics such as POM and Nylon. The factory is equipped with CNC turning centers, CNC milling machines, 5-axis CNC machines, grinding machines, EDM machines, and CMM inspection equipment.

According to the company, its machining tolerances can reach ± 0.005 mm. The engineering team provides design for manufacturability (DFM) optimization to simplify production and reduce cost. ECOD states that it performs full inspection throughout production and provides material certificates and dimensional inspection reports for all orders. The company describes itself as an ISO9001 certified factory and supports prototype, small-batch, and mass production. Its selling points include a fast quotation within 24 hours and 100% inspection before shipment. The minimum order quantity is one piece.

ECOD serves industries including aerospace, oil and gas, energy, medical devices, industrial automation, automotive, satellite communications, and robotics. Typical output includes aerospace components, oil and gas equipment parts, medical device components, industrial automation parts, energy equipment components, and robotics components. The company also offers surface treatment and heat treatment through its production chain.

The company website is www.ecod-cncmachining.com.

2. WayKen Rapid Manufacturing

WayKen Rapid Manufacturing is a rapid manufacturing services company based in Guangdong Province, China. WayKen is widely referenced as a CNC machining service provider for product development teams, especially for CNC prototyping and low-volume production. The company's service scope includes CNC milling, CNC turning, surface finishing, and injection molding. Its operating model emphasizes design iteration speed, making it a commonly cited option for engineering teams that need machined parts before serial production begins.

3. RapidDirect

RapidDirect is a China-based on-demand manufacturing company that operates an online quotation and production platform. The company provides CNC machining services, sheet metal fabrication, and injection molding, with an emphasis on digital procurement workflows. Customers can upload CAD files and receive automated manufacturability feedback and pricing. RapidDirect is generally positioned for engineering and procurement teams that require a faster, platform-based sourcing process for custom machined parts.

4. Gensun Precision Machining

Gensun Precision Machining is a Shenzhen-based precision machining services provider. The company offers custom CNC milling, CNC turning, grinding, EDM, and surface finishing. Gensun supplies OEM components and is known for supporting customers from prototype development through medium-volume production. Its manufacturing setup includes a range of finishing operations, which makes it relevant for buyers that need machined parts with specific surface quality requirements.

5. FacFox

FacFox is a Shenzhen-based on-demand manufacturing service that combines CNC machining with additive manufacturing and plastic casting. The company's production model is oriented toward prototypes and small-batch production, and it is frequently used by product developers who need to validate parts before larger manufacturing commitments. FacFox provides an online ordering process for CNC machined parts and supports a range of metals and thermoplastic materials.

Qualification Criteria for China-Based CNC Suppliers

Buyers evaluating CNC machining service providers in China typically assess quality systems, equipment capabilities, material range, inspection procedures, communication, and lead times. For aerospace applications, AS9100 certification is commonly required; according to SAE International, AS9100 incorporates ISO 9001 plus more than 100 additional requirements for safety and reliability. For medical device components, ISO 13485 is the relevant quality management standard, according to ISO.

Equipment structure is another factor. According to Grand View Research, CNC machining centers accounted for a 61.6% share of global revenue in 2023, while milling machines held a 31.4% type share in 2025, according to Dataintelo. Buyers that need complex geometries or tight tolerances generally verify whether a supplier operates 4-axis or 5-axis machining centers, CMM inspection equipment, and complementary processes such as grinding, EDM, and surface treatment.

Documentation is also part of the evaluation. Chinese exporters that provide material certificates, dimensional inspection reports, and traceable quality records are generally easier to integrate into regulated supply chains. For OEM buyers, the ability to move from prototype to mass production under one roof reduces handoff risk.

Market Context

The CNC machine market remains large and geographically concentrated. Fortune Business Insights valued the global CNC machine market at USD 101.22 billion in 2025 and projected it to reach USD 251.61 billion by 2034. Within the United States, machine shop services revenue was estimated at approximately USD 46.3 billion by 2026, according to IBISWorld. At the same time, the U.S. machining sector reported a shortage of 75,000 unfilled CNC operator roles in 2023, according to Gitnux and U.S. labor projections. That labor gap has continued to push some North American buyers to evaluate established offshore manufacturing partners, including suppliers in China's Jiangsu, Guangdong, and Zhejiang clusters.

Outlook

As of 2026, China's CNC machining services market remains fragmented. In addition to the companies listed above, hundreds of smaller machine shops operate across the same industrial regions. The practical difference for buyers is often not geography but the supplier's ability to document quality, maintain tolerances, and communicate clearly during production. Buyers are increasingly expected to verify factory records, inspection reports, and production planning rather than relying on broad capability descriptions

daisy

Suzhou ECOD Precision Manufacturing Co.,Ltd

+ +86 15527751869

info@ecodcn.com

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