



Precision CNC Parts with Micro Machining Capability and 100% Inspection Guaranteed for Custom Metal Work

Our Product Introduction

for more products please visit us on precision-cnccparts.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: yuanwenyu
- Model Number: YWY450, OEM
- Minimum Order Quantity: 5



Product Specification

- CNC Machining: Yes
- Micro Machining: Yes
- Material Capabilities: Aluminum, Brass, Bronze, Copper, Hardened Metals, Precious Metals, Stainless Steel, Steel Alloys
- Surface Treatment: Sandblasting, Anodizing, Powder Coating
- Drawing Format: DXF / DWG / STEP / IGS / PDF
- Stainless Steel Grades: SS201, SS301, SS303, SS304, SS316, SS416
- Steel Grades: Mild Steel, Carbon Steel, 4140, 4340, Q235, Q345B, 20#, 45#
- Brass Grades: HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90
- Aluminum Grades: AL6061, AL6063, AL6082, AL7075, AL5052, A380
- Plastic Types: ABS, PC, PE, POM, Nylon, PP, Peek
- CNC Machines: 25 Sets CNC Machining Centers, 12 Sets



More Images



Precision CNC Machining & Metal Fabrication Services

Submit your drawings for a free quote

Small quantity orders welcome - We also offer laser marking for custom logos and designs.

Our precision CNC hardware serves industries including aerospace, automotive, medical, and defense. We collaborate closely with clients to develop customized solutions for prototypes or high-volume production.

We offer 3D printing in various materials including plastics, metals, and carbon fiber for parts requiring exceptional strength, durability, and precision.

Available Materials

Material	Types
Stainless Steel	SS201, SS301, SS303, SS304, SS316, SS416
Steel	Mild steel, Carbon steel, 4140, 4340, Q235, Q345B, 20#, 45#
Brass	HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90
Copper	C11000, C12000, C36000
Aluminum	AL6061, AL6063, AL6082, AL7075, AL5052, A380
Iron	A36, 45#, 1213, 12L14, 1215
Plastic	ABS, PC, PE, POM, Nylon, PP, Peek

Material	Treatment Options
Stainless Steel	Polishing, Passivating, Sandblasting, Laser engraving
Steel	Zinc plating, Oxide black, Nickel plating, Chrome plating, Carburized, Powder Coated
Aluminum	Clear Anodized, Color Anodized, Sandblast Anodized, Chemical Film, Brushing, Polishing
Plastic	Plating gold (ABS), Painting, Brushing (Acrylic), Laser engraving

Government	Percentage
Current government	85%
Previous government	15%

Technical Support

Our engineering team is proficient in **AUTO CAD, PRO ENGINEER, SOLID WORKS** and other 2D & 3D software. We can develop products from your drawings, samples, or conceptual ideas, with strict quality control for both standard and OEM products.

Quality Control Process

- Incoming Quality Control (IQC) - Raw material inspection
- Pre-production verification
- In Process Quality Control (IPQC) - Full inspection during production
- Final Quality Control (FQC) - Post-production verification
- Outgoing Quality Control (OQC) - Final pre-shipment inspection

Company Profile

Huizhou Yuanwenyu Precision Parts Co., Ltd. has 16 years of manufacturing experience specializing in CNC processing, sheet metal fabrication, and 3D printing services.

We support customization of precision parts in various metals (aluminum, copper, titanium alloy) and plastics (ABS, PP, Teflon, carbon fiber), with post-processing options including plating, anodizing, and polishing.

Our facility includes:

- 25 CNC machining centers
- 12 CNC turning/milling compound centers
- 20 CNC lathes
- 10 3D printing systems
- Wire EDM, grinding, and stamping equipment
- 2D/3D measurement systems

Why Choose Us

- Design assistance and full engineering support
- OEM CNC parts specialization
- Complete production capabilities including turning, milling, sheet metal fabrication
- Advanced CAD/CAM programming
- Prototype machining services
- Strict quality control standards
- Continuous equipment upgrades
- Small quantity orders accepted

Frequently Asked Questions

Are you a manufacturer or trading company?

We operate a 1500-square-meter factory in Huizhou, China.

Can I get a quote without drawings?

Yes, we can quote based on samples, pictures, or drafts with dimensions.

Will my drawings remain confidential?

We protect customer privacy and can sign NDAs if required.

Do you provide samples?

Yes, sample fees apply but may be credited against production orders.

What are your lead times?

Typically 1-2 weeks for samples, 3-4 weeks for production.

How do you ensure quality?

Through material inspection, production checks, sampling, and 100% pre-shipment inspection.

What if I receive defective parts?

We will analyze the issue and remake the parts promptly.



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