



## 5-Axis CNC Milling Machining Parts with Multi-Metal Capability and High-Precision Tolerances

Our Product Introduction

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### Basic Information

- Brand Name: Industrial Man
- Model Number: OEM



### Product Specification

- Material Options: Stainless Steel (304/316), Titanium (Ti-6Al-4V), Brass (C360/C268), Aluminum (6061/7075), Etc.
- Machining Type: 3-Axis, 4-Axis, 5-Axis CNC Milling
- Tolerance Capability:  $\pm 0.005$ – $0.02$  Mm
- Surface Treatments: Anodizing, Polishing, Sandblasting, Brushing, Plating, Powder Coating
- Drawing Formats: STEP, STP, IGES, IGS, X\_T, DWG, PDF
- Order Type: Prototype / Small Batch / Mass Production
- Inspection: CMM, 2.5D Projector, Hardness Test, Full QC Report
- Application Fields: Aerospace, Automotive, Industrial Equipment, Robotics, Medical Devices
- Customization: OEM/ODM Based On Customer Drawings Or



### More Images



### Product Description

#### Precision CNC Milling Machining Services

Our CNC Milling Machining Parts service delivers high-precision custom manufacturing across multiple metal materials including stainless steel, titanium, brass, and aluminum. Equipped with advanced 5-axis CNC machining centers, we produce complex geometries with tight tolerances

Our Product

and excellent surface finishes for industrial, automotive, aerospace, medical, electronics, and consumer product applications.

### Comprehensive Manufacturing Solutions

Whether you need prototypes, small-batch production, or high-volume manufacturing, our engineering team collaborates closely with your specifications to ensure dimensional accuracy and consistent quality. We support GD&T requirements, custom surface treatments, and assembly-ready part delivery.

### Key Features & Capabilities

- Multi-Metal Capability:** Stainless steel, titanium, brass, aluminum, and more for diverse applications
- Complex Geometry Ready:** 5-axis machining for curved surfaces, deep cavities, and tight-tolerance structures
- Stable Accuracy:** Precision machining with consistent tolerances suitable for critical industrial components
- Excellent Surface Quality:** Clean machined surfaces with optional post-processing and finishing services
- Fast Turnaround:** Optimized machining workflow for both rapid prototypes and large-scale production
- Professional Engineering Support:** DFM suggestions, tolerance optimization, and customized solutions
- Reliable Quality Control:** Full inspection service and detailed measurement before shipment

### Technical Specifications

Material Options	Stainless Steel (304/316), Titanium (Ti-6Al-4V), Brass (C360/C268), Aluminum (6061/7075), etc.
Machining Type	3-Axis, 4-Axis, 5-Axis CNC Milling
Tolerance Capability	±0.005–0.02 mm
Surface Treatments	Anodizing, Polishing, Sandblasting, Brushing, Plating, Powder Coating
Max Part Size	customizable
Drawing Formats	STEP, STP, IGES, IGS, X_T, DWG, PDF
Order Type	Prototype / Small Batch / Mass Production
Inspection	CMM, 2.5D projector, hardness test, full QC report
Application Fields	Aerospace, Automotive, Industrial Equipment, Robotics, Medical Devices
Customization	OEM/ODM based on customer drawings or samples

### Frequently Asked Questions

#### Can you produce parts based on my drawings?

Yes. Send us your drawings, and we will evaluate the design and provide a quotation and suggestions.

#### What materials can you machine?

We support stainless steel, titanium, brass, aluminum, and many other metal alloys.

#### What tolerances can you achieve?

Depending on geometry and material, we typically hold  $\pm 0.01$  mm and can reach  $\pm 0.005$  mm for high-precision parts.

#### Do you offer finishing services?

Yes, including anodizing, polishing, plating, brushing, sandblasting, powder coating, and more.

#### Do you support both prototype and mass production?

Absolutely—one-off parts, small quantities, and large batches are all available.



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