



## High-Performance Metal Frame Parts for Welding Fabrication Bending Stamping in Various Applications

Our Product Introduction

for more products please visit us on [cnc-metalmachining.com](http://cnc-metalmachining.com)

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: MFA-XG-070
- Minimum Order Quantity: 1 pcs
- Price: USD \$0.1-\$1.99
- Packaging Details: Carton, As Customers' packaging requirements
- Delivery Time: Samples 7-10 days, Mass production 20-25 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 50000 pcs per week



### Product Specification

- Supply Type: OEM Service
- Material Capabilities: Stainless Steel, Brass, Aluminum, Steel
- Process: Bending, Laser Cutting, Welding, Stamping
- Application: Auto, motorcycle, industry, agriculture, furniture, etc.
- Packing Details: Carton, Wooden Case, Plastic Cargo
- Color: Black, Silver, Customized Color
- Place Of Origin: China



### More Images



## Product Description

### What We Can Provide

High-Performance Metal Frame Parts for Welding Fabrication Bending Stamping in Various Applications

#### Description Of High-Performance Metal Frame Parts for Welding Fabrication Bending Stamping in Various Applications

High - performance metal frame parts are sophisticated components engineered to excel in demanding industrial environments where welding, fabrication, bending, and stamping processes are integral. These parts are crafted from premium metals such as high - strength steel, titanium alloys, or advanced aluminum blends, chosen for their exceptional physical and mechanical properties.

#### Material Of High-Performance Metal Frame Parts for Welding Fabrication Bending Stamping in Various Applications

##### Production Capability Secondary Operations

Surface Operations	<ul style="list-style-type: none"> <li>* Deburring work by machines, then by hands;</li> <li>* As long as you need no scratches on the products, we can use the film protected material for products during production;</li> <li>* Remove sharps of the products;</li> <li>* Ultrasonic cleaning after production.</li> </ul>
Surface Treatments	Powder Coating, Polishing, Brushing, PVD Plating, PVC Coating, Ceramic Coating, Chrome Plating, Nickel Plating, Tin Plating, Copper Plating, Silver Plating, Sandblasting, Anodizing, Dacromet, Baking Varnish, Electrophoresis Coating, Zinc Plating, Hot Dip Galvanizing.
LOGO Printing	Laser Engraving, Silk-screening etc
Assembly Service	Yolanda provide products assembly service after each component production.
Custom Packaging	<ul style="list-style-type: none"> <li>* Design packaging according to your products;</li> <li>* Make the packagings according to your requests;</li> <li>* Print your LOGO on the packaging as long as you need;</li> <li>* Other request according to your need.</li> </ul>

#### Quality Control

1. Checking the raw material after they reach our factory----- Incoming quality control ( IQC)
2. Checking the details before the production line operated
3. Have full inspection and routing inspection during mass production---In process quality control(IPQC)
4. Checking the goods after they are finished---- Final quality control(FQC)
5. Checking the goods after they are finished-----Outgoing quality control(OQC)

### Why Choose Us

#### Advantages

##### 1. Longer Service Life and Reduced Maintenance

High - performance metals used in these parts have superior wear and fatigue resistance. For example, in a heavy - duty industrial machine that operates continuously, regular metal frame parts may wear out quickly due to the constant friction and stress. However, high - performance metal frame parts can withstand these conditions for a much longer period. In a mining excavator, the high - performance metal frame parts of the bucket and arm can endure the abrasive nature of rocks and soil, reducing the frequency of replacements and the associated downtime for maintenance. This leads to significant cost savings over the lifespan of the equipment.

##### 2. Energy Efficiency

Many high - performance metals have a better strength - to - weight ratio compared to traditional metals. This means that parts made from these materials can be lighter while still maintaining the necessary strength. In the transportation industry, such as in the manufacturing of trucks and trains, lighter metal frame parts reduce the overall weight of the vehicle. As a result, less fuel is required to move the vehicle, leading to improved energy efficiency and lower operating costs. For instance, a truck with high - performance aluminum alloy frame parts can carry more cargo while consuming less fuel per mile, making it more economically viable for long - haul transportation.

##### 3. High - Temperature and Extreme Environment Tolerance

Some high - performance metal alloys are specifically designed to withstand high temperatures and extreme environmental conditions. In the aerospace industry, aircraft engines operate at extremely high temperatures. High - performance metal frame parts used in the engine, such as turbine blades and combustion chambers, are made from nickel - based superalloys that can maintain their strength and integrity at these elevated temperatures. Similarly, in the oil and gas industry, equipment used in deep - sea drilling is exposed to high pressure and low - temperature conditions. High - performance metal frame parts can resist the effects of these harsh environments, ensuring the safe and efficient operation of the equipment.

#### 4. Enhanced Safety and Reliability

The high quality and precision of high - performance metal frame parts contribute to enhanced safety and reliability in various applications. In the construction industry, high - performance metal frame parts used in building structures can withstand earthquakes, high winds, and other natural disasters more effectively than lower - quality parts. In the medical device industry, where precision and reliability are critical, high - performance metal frame parts used in surgical instruments and implants ensure accurate and safe operations. For example, a high - performance stainless steel frame part in a surgical robot provides the necessary strength and stability for precise movements during surgery, reducing the risk of complications.

## Aluminum Material

### Material:

Aluminum 5052

Aluminum 6061

Aluminum 6063 etc

### Finish:

Anodic Oxidation

Polishing

Powder Coating

Spray Painting



## Why Choose Us



## Multiple Machines

5-Axis CNC & Imp Professional machines, skillful workers, machines, skillful  
with accuracy of guarantee the quality and lead time. guarantee fast lead time



## Strictly Confidential

We will protect the customers' design  
and the customer can request a  
confidentiality agreement



## Quality Inspection

We have a strict quality inspection  
process to ensure the quality of our  
products

## Factory Show

## Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine





## FAQ

1. How can I get the price? - We usually quote within 24 hours after we get your inquiry (except weekend and holidays). If you are urgent to get the price, please email us or contact us in other ways so that we can offer you a quote.
2. Can I buy samples? - Yes. Please feel free to contact us.
3. What is your lead time? - It depends on the order quantity and the season you place the order. Usually we can ship within 7-15 days for small quantity, and about 30 days for large quantity.
4. What is your payment term? - T/T, Western Union, MoneyGram, and Paypal. This is negotiable.
5. What is the shipping method? - It could be shipped by sea, by air, or by express (EMS, UPS, DHL, TNT, FEDEX etc). Please confirm with us before placing orders.
6. How do you make our business long-term and good relationship? - We keep good quality and competitive price to ensure our customers benefit. Furthermore, we respect every customer as our friend and we sincerely do business and make friends with them, no matter where they come from.



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