



Corrosion Resistance and Wear Protection for Customized Metal Frame Parts by Leading Sheet Metal Fabricator

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: MFA-XG-077
- 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

Corrosion Resistance and Wear Protection for Customized Metal Frame Parts by Leading Sheet Metal Fabricator

Description Of Corrosion Resistance and Wear Protection for Customized Metal Frame Parts by Leading Sheet Metal Fabricator

A leading sheet metal fabricator specializing in customized metal frame parts offers advanced solutions to enhance corrosion resistance and wear protection, ensuring durability and longevity for critical components. By leveraging cutting-edge surface treatment technologies and high-performance materials, they deliver metal frames tailored to withstand harsh environments, chemical exposure, abrasion, and mechanical stress. Their services include specialized coatings (e.g., powder coating, electroplating, anodizing), corrosion-resistant alloys (e.g., stainless steel, aluminum alloys), and wear-resistant treatments (e.g., hard anodizing, PVD coatings) to meet industry-specific demands.

Material Of Corrosion Resistance and Wear Protection for Customized Metal Frame Parts by Leading Sheet Metal Fabricator

Production Capability Secondary Operations

Surface Operations	<ul style="list-style-type: none"> * Deburring work by machines, then by hands; * As long as you need no scratches on the products, we can use the film protected material for products during production; * Remove sharps of the products; * Ultrasonic cleaning after production.
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"> * Design packaging according to your products; * Make the packagings according to your requests; * Print your LOGO on the packaging as long as you need; * Other request according to your need.

Application Of Corrosion Resistance and Wear Protection for Customized Metal Frame Parts by Leading Sheet Metal Fabricator

1. Construction: Metal angle brackets are extensively used in the construction industry for connecting beams, joists, and rafters. They provide critical support and reinforcement to building structures, ensuring stability and load distribution.
2. Shelving: Angle brackets are widely used as shelf supports for wall-mounted shelves in homes, offices, retail stores, and warehouses. They help create sturdy and reliable shelving systems.
3. Furniture Assembly: Metal angle brackets are essential in furniture assembly, helping to connect components and reinforcing joints in tables, chairs, cabinets, and bed frames.

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. Extended Lifespan and Reduced Maintenance

Customized corrosion-resistant and wear-protected metal frames significantly outlast untreated components, minimizing

downtime and maintenance costs. This is particularly beneficial for industries such as automotive, construction, and heavy machinery, where parts are exposed to moisture, chemicals, or high-friction conditions. The fabricator's solutions ensure components retain structural integrity and functionality over time, reducing the need for frequent replacements.

2. Enhanced Performance in Harsh Environments

The fabricator's expertise in material selection and surface treatments enables metal frames to thrive in challenging environments. For example, marine applications benefit from stainless steel or zinc-plated parts that resist saltwater corrosion, while industrial machinery relies on hard-anodized aluminum for superior wear resistance against abrasive materials. This adaptability ensures components meet stringent performance standards across diverse sectors.

3. Cost Efficiency and Sustainability

By investing in durable, corrosion-resistant parts upfront, manufacturers avoid the higher long-term costs associated with component failure, repairs, and replacements. Additionally, the fabricator's focus on sustainable practices—such as eco-friendly coatings and recyclable materials—aligns with modern environmental regulations and reduces waste. This balance of cost-effectiveness and sustainability makes their solutions ideal for businesses aiming to optimize both operational efficiency and corporate responsibility.

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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