



Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: Xianheng
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: MC-XG-12
- Minimum Order Quantity: 1 pcs
- Price: USD 0.1\$-2\$
- Packaging Details: Carton Wooden case
- Delivery Time: 5-8 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10 SET per week

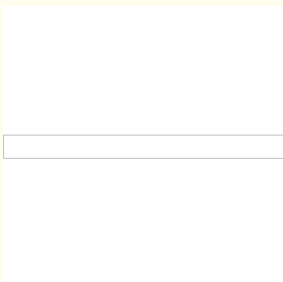


Product Specification

- Material Capabilities: Stainless Steel, Aluminium, Copper, Brass
- Products: Metal Equipment Shell, Sheet Metal Cabinet Assembly Stamping Parts
- Process: Metal Casing, Metal Sheets Fabrication, Welding Cutting Punching Stamping
- Application: Carbinet, Parts: Cars, E-sports Hotel, Architecture, Furniture, metal Plastic Parts
- Place Of Origin: China Guangdong
- Tolerance: +/-0.02mm
- MOQ: 1 Piece
- OEM/ODM: Acceptable
- Equipment: Laser Cutter, CNC Bending Machine, Stamping Machine, Weld
- Surface Treatment: Galvanized, Anodizing, Powder Coated, Chrome Plating, Nickel Plating Etc.
- Craftsmanship: CNC Stamping, CNC Bending, Welding, Laser



More Images



Product Description

What We Can Provide

Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

Description of Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

Our Customized Metal Cabinet Assembly solutions are meticulously engineered to cater specifically to the unique and demanding requirements of the automotive industry. As a trusted Original Equipment Manufacturer (OEM) vendor, we specialize in delivering precision - crafted metal cabinets that seamlessly integrate into automotive production environments. Our team of skilled engineers and technicians collaborates closely with automotive clients to understand their exact specifications, from dimensions and load - bearing capacities to specialized features such as cable management systems, shock - resistance, and compatibility with automotive assembly line equipment. We utilize high - quality metals and advanced manufacturing techniques to ensure the durability, reliability, and longevity of our cabinets, even in the harsh and fast - paced automotive manufacturing settings.

Specification of Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

CNC Capacity				
CNC Machining Center	3 / 4 / 5 axis CNC Machining Centers	40+ CNC Machines		
CNC Turning	φ0.5 - φ300 * 750 mm	DIN-2768-Fine +/-0.005 mm		
CNC Machining	1270×508×635 mm(max)	DIN-2768-Fine +/-0.005 mm		
CNC Stamping	1000 * 1000 mm(max)	DIN-2768-Fine +/-0.005 mm		
Drawing Format	IGS,STP,X_T ,DXF,DWG , Pro/E, PDF			
Inspection Equipments	Measurement Instrument, Projector, CMM, Altimeter, Micrometer, Thread Gages, Calipers, Pin Gauge etc.			
Material Available				
Stainless Steel	SS201,SS301, SS303, SS304, SS316, SS416, 17-4PH, etc.			
Steel	Mild steel, Carbon Steel, 4140, 4340, Q235, Q345B, 20#, 45# etc.			
Brass	HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90 etc.			
Copper	C11000,C12000,C12000 C36000 etc.			
Aluminum	AL6061, AL6063, AL6082, AL7075, AL5052, A380 etc.			
Iron	A36, 45#, 1213, 12L14, 1215 etc.			
Plastic	ABS, PC, PE, POM, Delrin, Nylon, Teflon, PP,PEI, Peek etc.			
Surface Finishing				
Aluminum Parts	Stainless Steel Parts	Steel Parts	Copper /Brass	Plastic Parts
Clear Anodized	Polishing	Zinc plating	Polishing	Painting
Color Anodized	Passivating	Oxide black	Passivation	Chrome plating
Sandblast Anodized	Sandblasting	Nickel plating	Galvanized	polishing
Chemical Film	Laser engraving	Chrome plating	Nickel Plating	Sandblast
Brushing		Carburized	Chrome plating	Laser engraving
Polishing		Heat treatment		
Chroming		Powder Coated		

Application Of Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

1. Auto Components Hardware Parts Auto Parts
2. Communication Equipment
3. Industrial Equipment
4. Medical EquipmentsMechanical Parts
5. Ship Accessories
6. Electrical Equipment
7. Mechanical Equipment

Feature Of Customized Metal Cabinet Assembly for Your Automotive Industry Needs Precision-Crafted Trusted OEM Vendor

1. Good corrosion resistance
2. High strength and hardness
3. High thermal conductivity
4. Good finishing characteristics

Why Choose Us

Advantages

1. Tailored Design for Optimal Integration

Customization Flexibility: We recognize that every automotive facility has its own layout, workflow, and storage needs. Our customized metal cabinets can be designed to fit precisely into available spaces, whether it's a compact area near a production line or a large - scale warehouse. For example, we can adjust the height, width, and depth of the cabinets to match the specific dimensions of the automotive parts they will house.

Functional Adaptability: Beyond size, we can incorporate various functional elements into the cabinets. This includes adjustable shelves, drawers with specialized dividers for different - sized automotive components, and locking mechanisms to ensure the security of valuable or sensitive items. This level of customization allows for efficient organization and easy access to parts, reducing downtime in the production process.

2. High - Quality and Durability

Premium Materials: We source only the highest - quality metals, such as stainless steel or heavy - duty carbon steel, which offer excellent resistance to corrosion, wear, and tear. In the automotive industry, where cabinets may be exposed to oils, chemicals, and physical impacts, these materials ensure the long - term performance of the cabinets.

Robust Construction: Our manufacturing process involves advanced welding and finishing techniques, resulting in cabinets that can withstand heavy loads and rough handling. The joints are strong and secure, preventing any structural weaknesses that could lead to failure over time. This durability translates into lower maintenance costs and a longer service life for the cabinets.

3. Precision Engineering for Reliability

Tight Tolerances: We maintain strict quality control throughout the manufacturing process to ensure that all dimensions and specifications are met with high precision. This is crucial in the automotive industry, where even small deviations can cause problems in the assembly line. Our cabinets are designed to fit perfectly with other equipment and components, reducing the risk of misalignment or interference.

Consistent Performance: With precision engineering, our metal cabinets offer consistent performance in terms of functionality. For instance, the drawers slide smoothly, the doors close tightly, and the locking mechanisms work reliably every time. This reliability is essential for maintaining the efficiency and productivity of automotive operations.

4. Expert Support and After - Sales Service

Pre - Sales Consultation: Our team of experts provides comprehensive pre - sales consultation services. We work closely with automotive clients to understand their needs, offer design suggestions, and provide cost - effective solutions. This ensures that clients get the most suitable metal cabinets for their specific applications.

Post - Sales Support: After the cabinets are delivered and installed, we offer ongoing after - sales support. This includes troubleshooting, repairs, and maintenance services. If any issues arise, our technicians are available to respond quickly and resolve them, minimizing any disruption to the automotive production process.

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



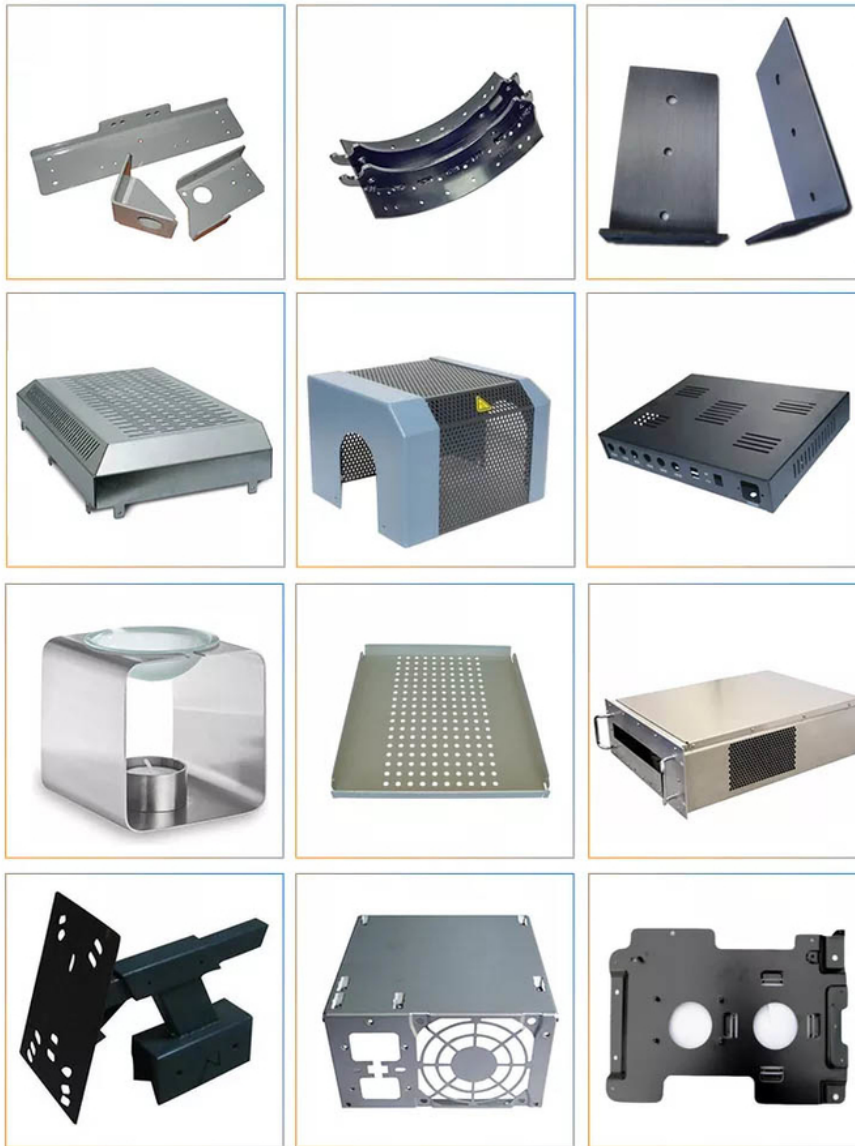
Laser cutting Machine



CNC Punching Machine



Injection Molding machine



FAQ

Q: How can I customize my products ?

A: Please describe your project. Include the following information so that we can provide an accurate quote: Part Name, 3D CAD Drawing, Quantity, Material, Color, Finishing.

Q: How can I know my products going on ?

A: We will offer a detailed production schedule and send weekly reports with digital pictures and videos which show the production process.

Q: Can You sign a confidentiality greement ?

A: We can sign a confidentiality agreement according to your needs.

Q: What is your terms of payment ?

A: 30% in advance ,70% balance before shipment. Other terms negotiable.

Q: Are you a trading company or factory?

A: We are direct factory with 20 experienced engineers and more than 80 employees as well approximate 3,000 square meters workshop area.

Q: What shall we do if we do not have drawings?

A: Please send your sample to our factory,then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions(Length, Height, Width), CAD or 3D file will be made for you if placed order.



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