



High Precision Custom Fabrication Stainless Steel Shell Carbon Steel Bending Welding Sheet Metal Cabinet Assembly

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Xiange
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: MC-XG-3
- 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

High Precision Custom Fabrication Stainless Steel Shell Carbon Steel Bending Welding Sheet Metal Cabinet Assembly

Description of OEM Customized High Precision Sheet Metal Cabinet Assembly

OEM Customized High Precision Sheet Metal Cabinet Assembly refers to the process of manufacturing a customized metal cabinet that meets the specific requirements of an Original Equipment Manufacturer (OEM). This assembly typically involves precision sheet metal fabrication, including cutting, bending, punching, welding, and finishing operations to create the various components that comprise the cabinet.

Design and Engineering: The OEM provides detailed specifications and requirements for the cabinet's design. This includes the dimensions, material type, finish, and any special features or functionality. Engineers then create a CAD model or drawing to guide the manufacturing process.

Material Selection: Based on the design requirements, the appropriate type of sheet metal is selected. This may include steel, stainless steel, aluminum, or other metals that offer the desired strength, durability, and aesthetics.

Sheet Metal Fabrication: The sheet metal is processed using precision equipment such as CNC machines, lasers, punches, and presses. Operations like cutting, bending, and punching are performed to create the individual components that will make up the cabinet.

Specification of OEM Customized High Precision Sheet Metal Cabinet Assembly

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 OEM Customized High Precision Sheet Metal Cabinet Assembly

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 OEM Customized High Precision Sheet Metal Cabinet Assembly

1. Good corrosion resistance
2. High strength and hardness

3. High thermal conductivity
4. Good finishing characteristics

Why Choose Us

Advantages

1. Quality control: the defective products rate is 0.1%. Imported material 100%.
2. Reasonable price. Precision made. Experience & reasonable QC that you can rely on.
3. Each part would be given 100% test and tryout before shipment.
4. Adequate supply capacity. Punctual delivery time.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



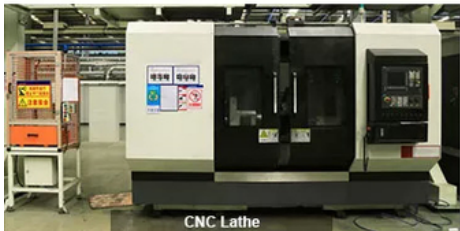
Hydraulic Press Machine



SLS/SLA Machine



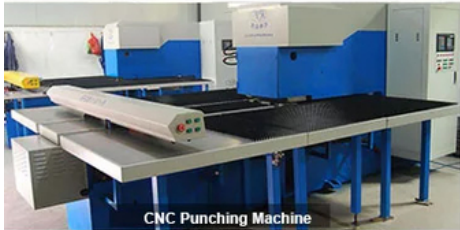
5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



FAQ

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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