



Polyurethane Vacuum Casting Services Rapid Prototyping Metal Plastic Parts

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Xiange
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: Vacu-XG-12
- Minimum Order Quantity: 1 pcs
- Price: USD 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: Resin, Nylon, ABS Plastic, Arcylic, Metal Powder, Rubber
- Products: Vacuum Casting Rapid Prototype Casting PU Polyurethane Resin Products
- Process: Vacuum Casting Rapid Prototype
- Application: Metal Plastic Parts
- MOQ: 1 Piece
- OEM/ODM: Acceptable
- Need Equipment: 3d Printing Machine, Vacuum Casting
- Used: Motor, Auto, computer, Telecom, mechical, electronics, appliance, military, aerospace.
- Package: Platic Bag ,Blister Box ,Tap Reel Or As Your Required
- Certification: ISO 9001:2015
- Highlight: **polyurethane Vacuum Casting Services, polyurethane vacuum casting Prototyping, vacuum casting prototyping Metal Plastic Parts**



More Images



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

Product Description

Professional Prototypes Making Company Vacuum Casting Pototyping Small Batch Rapid Prototyping Urethane Casting Vacuum Casting

What We Can Provide

Xiange is fully capable of handling your vacuum casting and silicone molding needs. With years of expertise in the field, we can fabricate your plastic parts to the highest standard, as well as cost-efficient and with fast turnarounds.

Specification

Vacuum Casting For Low Volume Manufacturing	
Material	HeiCast Japan -Hei Cast 8751 (PC Like), Hei Casti-8150(ABS Like), Hei Cast 8400(Rubber Like), Hei Cast8550(PP like). Pelnox Japan -MU-52/55/56 (ABS Like), MU-858(Fire-frame ABS Like) MU-70(PPI Like), MU-89(Rubber Like). Axson France -PX 527(PC Like), PX5210(PMMA Like), PX 223HT/118PA(ABS Like), PX245 (PA Like), UP 5690(PP/HDPE Like). Synthene France -PR 700(ABS Like), PR 740(PP/HDPE Like)PR 751(Thermal Resistance), PR2900(PA/PC Like), PRC1708(PMMA Like).
Drawing Format	STP, IGES, Pro/E, AutoCAD, SOLIDWORK, CAXA, UG, CAD, CAM, CAE,etc
Application	Automotive, Test systems, Sensors, Medical, Sports, Consumer, Home appliance,Electronic, Pumps, Computers, Power and energy,Architecture, Printing, Food, Textile machinery, Optical, Lighting, Security and safety, AOI, SMT equipment, etc.
MOQ	1 PCS
Finishing Services	Painting , Electrical Plating , Silkscreen , We can do any color according your requirement.
Color	Depends on Your Requirement.
Quality Inspection	1.Material:Strickly control of material selection , meet clients request. 2.In-process inspection:detect product after each process finished. 3.Final inspection :stricky quality test before items are packed.
Packaging Shipping	Carton, Box, wooden or as required; DHL or FEDEX.
Technical Guide for Vacuum Casting	
Standard Accuracy	Standard tolerance on $\pm 0.15\text{mm}/100\text{mm}$, with precision able to reach $\pm 0.05\text{ mm}$.
Maximum Size	The vacuum equipment can hold 2.0M*1.2M*1.0M mold specifications.
Minimum Wall	The minimum wall thickness is 0.5mm, the best is 1.5mm~2.5mm to ensure the mold is filled properly.
Lifetime of Mold	Typical quantities up to 20-25 copies per mold.
Leading Time	Up to 200 copies can be produced in 7 to 10 days
Finishing Services	Colored, textured, painted, coated, clear polished, insert, and over-molding.

Contact us today for more information about our casting services.

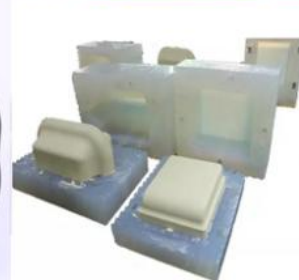
Industry Range	What we can Provide
CNC Machining Service	Turning, Milling, Stamping, Bending, Welding, Tapping, Riveting, Gear cutting, Wire-cutting, etc
Sheet Metal Service	
Home Appliance Prototype	Refrigerator, Washing Machine, Microwave Oven, Hair Dryers, etc.
Auto Part Prototype	1:1 or 1:10 Car Model, Auto Parts, Bumper, Dashboard, Car Lamp, Motorcycle, Scooter, Bike and etc.
Medical Device Prototype	Scanner Case, Ultrasonic diagnostic imaging care etc.
SLS/SLA 3D Printing Service	Custom SLA SLS custom 3D printing service
Vacuum Casting	Low MOQ customization service



Each cast part is an exact copy of the original master model. It's a perfect solution for rapid prototyping and making small batches of quality parts.

Lead time:

Quantity(sets)	1 - 100	101 - 500	501 - 1000	>1000
Lead time (days)	15	35	45	To be negotiated



Vacuum Casting Technical Principle



Vacuum Casting is to use the original prototype to make a Silicone Mold in the vacuum state, and pour it with ABS, PP, PC, Silicone, Nylon and other materials in the vacuum state, and then clone the same replica as the original prototype.

Because there are many kinds of liquid resins with different performance, so we can use this method to produce a variety of products with different properties of materials.

Advantages of Vacuum Casting



Low cost in small batch production, lower than CNC machining and 3D printing



Shorten production cycle, improve production efficiency



No need to make injection moulds, save time and money. Shorten the time for new product development and seize market opportunities

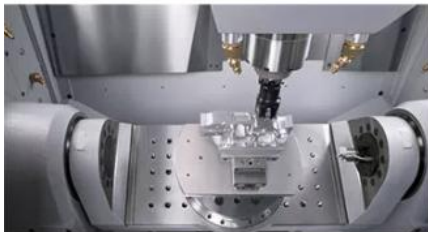


Suitable for small batch production within 1000 pieces, with short customization time and low cost

Why Choose Us

OUR ADVANTAGES

1. 20 years experience of customized prototype and mass production
2. 10+ processing technology
3. Reply within 2 hours
4. 24-hour production
5. High quality and fast delivery
6. 100% inspection , confidentiality system
7. You can get products 40% ~60% cheaper than US/EU or free samples.
8. Payment via Alibaba trade assurance orders, money safe and account safe.



High precision



Fast Lead Time



Strictly Confidential



Quality Inspection

Service Items	CNC Machining, Prototype, 3D Printing, CNC Precision Parts, Sheet Metal Processing, Silicone Compound Mold, Small Batch Customization, Vacuum Casting 3D,RIM, Printing product parts prototype Services etc.
Service Features	Technological Innovation, Complex and Difficult Sample Processing, Fast Quotation, Fast Processing, High Precision, High Quality, Product Confidentiality, One-to-one Service, High Cost Performance

Application Area	Mechanical Hardware, Electronic Instruments, Household Appliances, Lighting, 3C Digital, Mobile Phones, Automobile & Motorcycle Accessories, Automated Robots, Drones, Medical Equipment, Aerospace & Military Industry, etc.
Processing Technology	3/4/5-axis CNC Machining, Lathe Processing, Rapid Prototyping, 3D Printing SLA/SLS/SLM/FDM, Silicone Compound Mold, Sheet Metal Forming, EDM, Wire Cutting, etc.
Processing Equipment	CNC Machining Center, CNC lathe, CNC Engraving & Milling Machine, Milling Machine, 3D Printer, Drilling & Tapping Machine, Sandblasting Machine, etc.
Processing Material	Metal: Aluminum Alloy, Zinc Alloy, Magnesium Alloy, Titanium Alloy, Steel, Copper, Brass, Stainless Steel, Sheet Metal, etc. Plastic: ABS, PC, PE, PP, POM, Acrylic (PMMA), FR4, Nylon, Bakelite, Silicone Rubber, etc.
Surface Treatment	Grinding, Polishing, Silk Screen, Electroplating, UV, Oxidation, Wire Drawing, Laser Carving, Sandblasting, Leather Texture, Surface Etching, Baking Finish Encapsulation, Transfer, Bronzing, etc.
Inspection Equipment	3-coordinate Measuring Instrument, 2.5-dimensional Measuring Instrument, Inner Diameter Micrometer, Outer Diameter Micrometer, Electronic Height Ruler, Thread Pass-through Gauge, External Thread Ring Gauge, Electronic Caliper, Needle Gauge, etc.
Product Packaging	Inner Packing: Foam, Plastic, Paper, etc. Outer Packing: Hard Thick Cardboard Box, Custom Wooden Box, etc.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



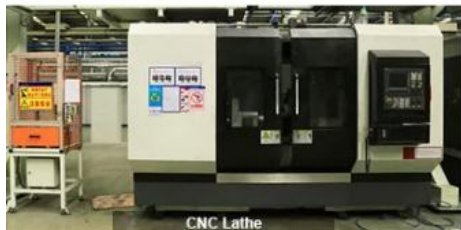
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine

Trade process



Packing Details

Inner Packing



EPE Foam Packing



EPE Foam Packing



Vacuum Packing



Anti-Rust Paper Packing



Stretch Film Packing



Bundling &
Bubble Bag Packing



Bundling &
Plastic Bag Packing



Plastic Bag &
EPE Foam Packing



EPE Foam &
Plastic Box Packing



Plastic Bag Packing



Plastic Bag Packing



Box Packing

Outer Packing



3 Layers of Carton



Wooden Case Outside



Stretch Film Wrapping



Loading

F A Q

What makes Xiang'e 's vacuum casting service unique?

Our vacuum casting service is noted for its exceptional quality and speed. Our skilled technicians combine decades of experience with the latest technologies to produce exceptional prototypes and engineering models quickly. We can also further enhance your parts with a suite of finishing services including machining, media blasting, printing, painting and more.

Can Xiang'e provide design services, industrial design support or product development support as an extension of its vacuum casting services?

Yes. To supplement our vacuum casting services, we offer an expanded service geared for design-for-manufacturing support. While we once reserved this service only for approved orders, we now provide it to all incoming RFQs. We also offer light assembly services to meet your needs.

What are Xiang'e 's quality standards for its vacuum casting services?

To ensure the highest standard of quality for all of your finished parts, our team adheres to a strict quality control process. This starts with the verification and testing of all materials. During production, we meticulously control temperature, humidity and other processing conditions to maintain the highest degree of consistency in your parts.



Shenzhen Xianheng Technology Co.,Ltd



0086-13682614486



shawn@xianheng-tech.com



cnc-metalmachining.com

Room 8-1409, Xingji jiayuan building 8-9#, HongXing community, Songgang street, Bao'an District, Shenzhen City China