HERUIYUN
和瑞云



3D Printing | Vacuum Casting
Custom CNC Prototyping

Rapid Prototyping
Low-Volume Manufacturing

Shenzhen Heruiyun Technology Co., Ltd.

HERUIYUN



27+ Year Experience

8000 m² Factory Area

120+ Advanced Machines

200+ Skilled Professionals

Started in 1999 Pioneering Prototyping & Product Development

Founded in 1999, Shenzhen Heruiyun Technology Co., Ltd. has grown into a trusted end-to-end manufacturing solutions provider. We excel in rapid prototyping, precision CNC machining, and agile low-volume production.

Driven by engineering excellence, we help global clients transform ideas into market-ready products. Our seamless turnkey capabilities span CNC machining, vacuum casting, additive manufacturing (3D printing), plastic injection molding, sheet metal fabrication, and advanced surface treatments.

Industries We Serve: Automotive | Medical Devices | Robotics | Consumer Electronics Industrial Equipment | New Energy | Telecom

HERUIYUN Company Development History

Your Reliable Partner
from Prototype to Production

1999
Company Founded

2009
Expanded to Shenzhen & Established New Production Base

2015
Expanded Manufacturing Capabilities

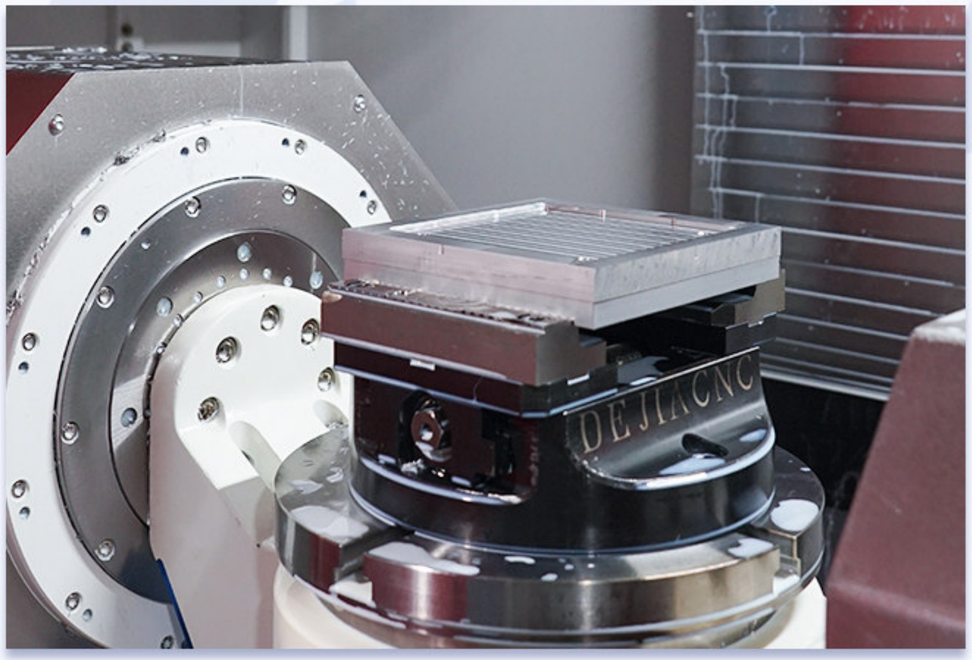
2018
Brand Upgrade & Production Space Expansion

2022
Expanded Precision Machining Capabilities

2023
Further Expanded Manufacturing Capabilities

To Present
From Prototyping to Low-Volume Production





Three Core Processes

From Prototype Validation to Low-Volume Production

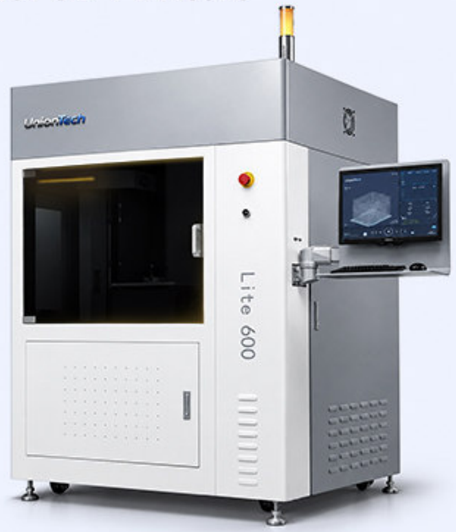
120+
Advanced CNC Machines



Process Types: CNC Milling, Turning, 3/4/5-Axis Machining
Tolerance / Precision: Up to ±0.01 mm

Supported Materials
Metals:Aluminum Alloy, Stainless Steel, Aluminum-Magnesium Alloy, Zinc Alloy, Copper, Brass, Titanium Alloy
Plastics: ABS, PC, POM, PA (Nylon), PMMA (Acrylic), PEEK, PP, PVC

7+
Industrial 3D Printers



Process Types: SLA(Stereolithography), SLS (Selective Laser Sintering), SLM(Selective Laser Melting - Metal)
Tolerance / Precision: ±0.15 mm

Supported Materials
Photosensitive Resins, Engineering Nylon, Metal Powders

6+
Vacuum Casting Systems



Applications: Functional Prototypes, Rapid Prototyping ， Assembly Validation
Batch Size: 5–100+ Pieces

Materials
PU、ABS-Like、PC-Like、PP-Like、Rubber-Like Materials

HERUIYUN Manufacturing Facilities & Equipment

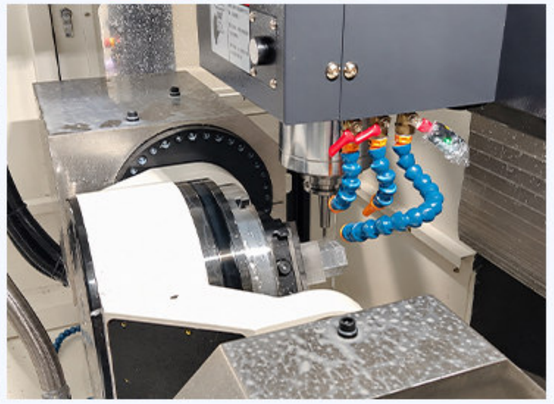
Your Reliable Partner
from Prototype to Production

CNC Machining Workshop

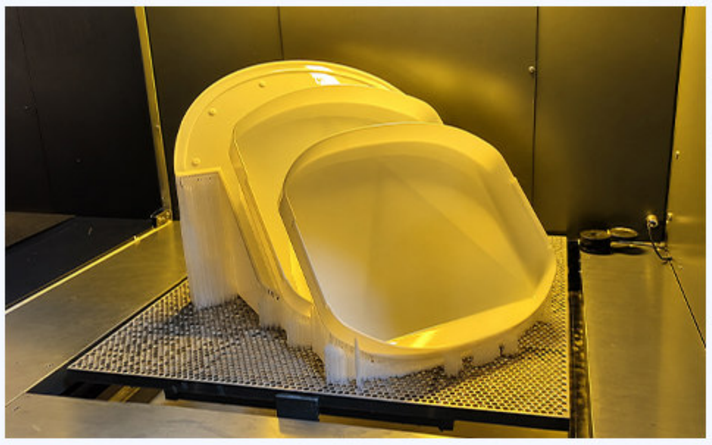







3D Printing & Additive Manufacturing Area



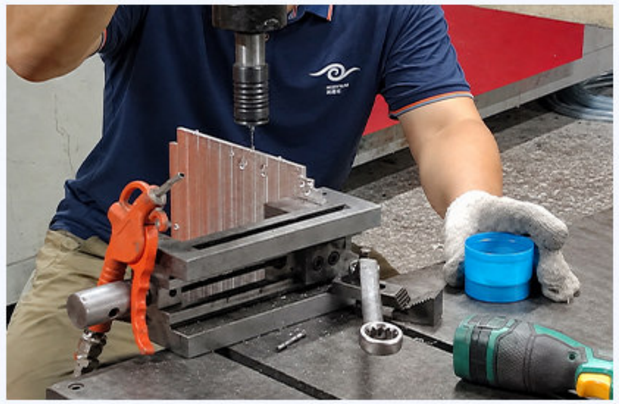




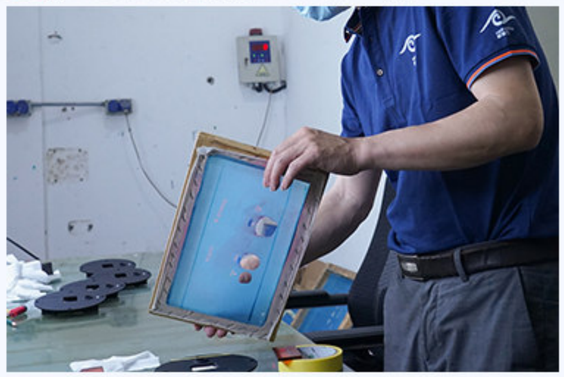
HERUIYUN Manufacturing Facilities & Equipment

Your Reliable Partner
from Prototype to Production

Vacuum Casting & Post-Processing Workshop




Quality Inspection & Packing Area









HERUIYUN Quality Control

Your Reliable Partner
from Prototype to Production

ISO 9001 Certified Quality Management System



Coordinate Measuring Machine (CMM)



2.5D Vision Measuring Machine / Profile Projector



Laser Marking Machine



Digital Height Gauge



Concentricity Measuring Instrument & Micrometer

Quality Control Process Incoming Inspection → First Article Inspection (FAI) → In-Process Inspection → Final & 100% Inspection → Pre-Shipment Inspection

HERUIYUN Surface Finishing

Your Reliable Partner
from Prototype to Production

Multiple Surface Finishing Options for Different Product Requirements

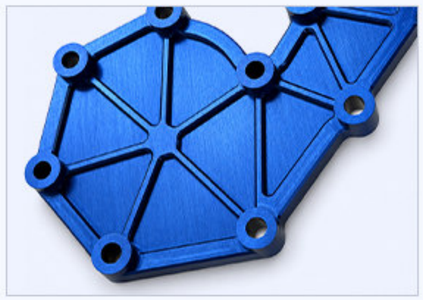
Selected finishing processes are completed by our long-term professional partners,
with overall project quality under our unified control.



Anodizing
Metal



Sandblasting
Metal



Brushing
Metal



Passivation
Metal



Laser Engraving +Plating Metal



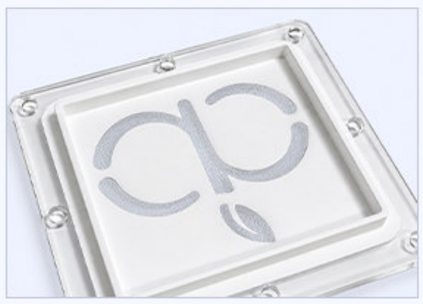
Polishing
Metal



High-Gloss Polishing
Plastic



Glossy Spray Painting
Plastic



Localized Painting +Laser Engraving
Plastic



Plating
Plastic

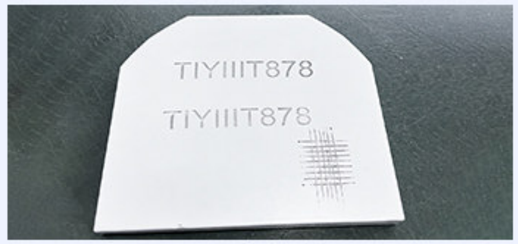


Silk Screening
Plastic



Overmolding
Plastic

Cross-Cut Adhesion Test



Standard Requirement:
Cross-hatch the coating,apply adhesive tape,and peel it off. The coating must remain firmly adhered with minimal paint loss.



Test Method
Cut a cross-hatch pattern through the coating to the substrate. Apply and press the tape firmly, then peel it off quickly.



Test Result
No significant peeling along the grid edges.Minimal or no paint loss. PASS

HERUIYUN Product Cases

Your Reliable Partner
from Prototype to Production



3D Printing

Material: Photopolymer Resin



3D Printing

Material: Photopolymer Resin



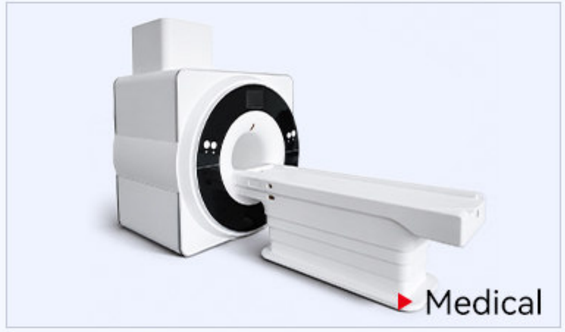
3D Printing

Material: Photopolymer Resin



3D Printing

Material: Photopolymer Resin
Finishing: electrostatic flocking



3D Printing

Material: Photopolymer Resin
Finishing: Spray Painting



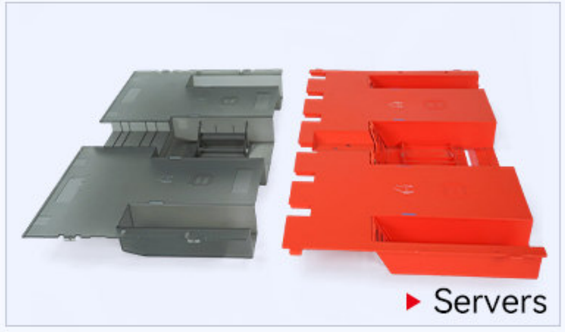
Vacuum Casting

Material: PU / ABS-Like Resin
Finishing: Deburring



Vacuum Casting

Material: PU / ABS-Like Resin
Finishing: Spray Painting



Vacuum Casting

Material: PU / ABS-Like Resin
Finishing: Spray Painting/Silk Screening



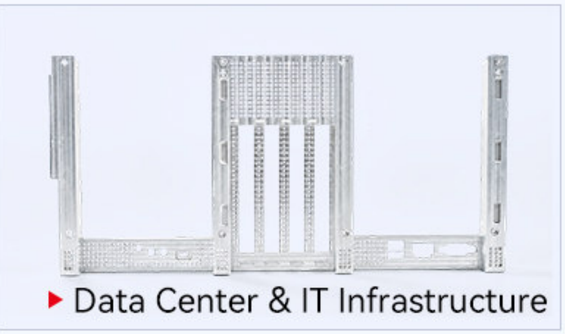
CNC Machining

Material: ABS / Aluminum Alloy
Finishing: Plating / Fixture Assembly



CNC Machining

Material: Aluminum Alloy



CNC Machining

Material: Aluminum Alloy



CNC Machining

Material: Aluminum Alloy

HERUIYUN Product Cases

Your Reliable Partner
from Prototype to Production



Machinery

CNC Machining

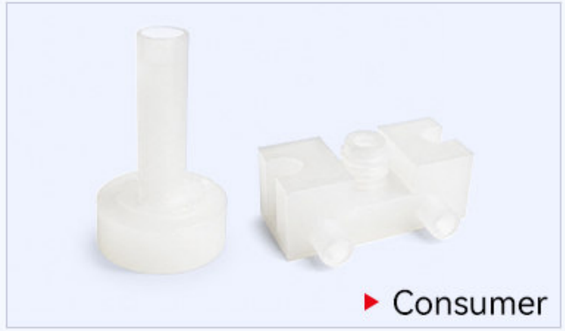
Material: 4140 Steel
Finishing: Black Oxide



Machinery

CNC Machining

Material: Aluminum Alloy
Finishing: QPQ



Consumer

CNC Machining

Material: Food-Grade PP



Automotive

CNC Machining

Material: Acrylic
Finishing: High-Gloss Polishing



Industrial Equipment

CNC Machining

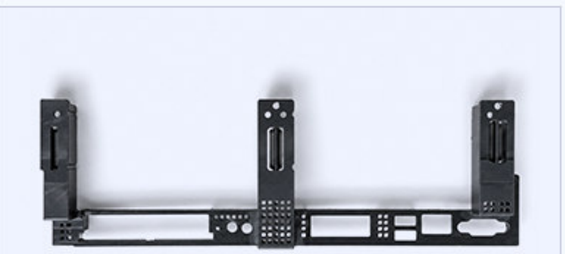
Material: Aluminum Alloy
Finishing: Sandblasting



AI Servers

CNC Machining

Material: Aluminum Alloy



AI Servers

CNC Machining

Material: Zinc Alloy
Finishing: Anodizing



Automation

CNC Machining

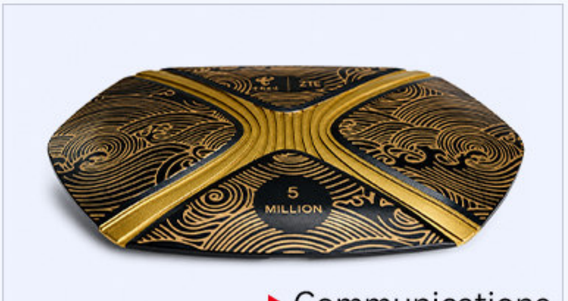
Material: Aluminum Alloy
Finishing: Spray Painting / Plating



Servers

Sheet Metal Fabrication

Material: Q345 Structural Steel
Finishing: Powder Coating



Communications

Injection Molding + Sheet Metal

Material: ABS/PMMA/Aluminum Alloy
Finishing: Hydro Dipping



Communications

CNC Machining

Material: ABS/PMMA/Aluminum Alloy
Finishing: Hydro Dipping



Consumer

CNC Machining

Material: ABS/PMMA/Solid Wood
Aluminum Alloy
Finishing: Spray Painting/Plating/Silk Screening

HERUIYUN Product Cases

Your Reliable Partner
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Robotics

3D Printing

Material: Photopolymer Resin
Finishing: Spray Painting/UV Coating



Industrial Equipment

CNC+3D Printing

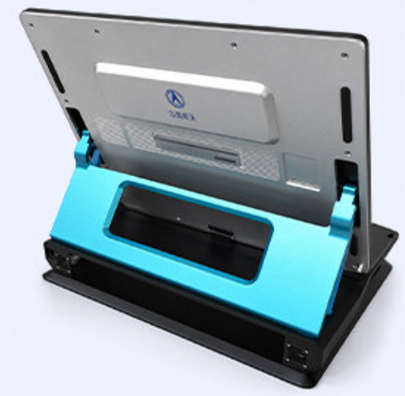
Material: PC/ABS/Aluminum Alloy
/Photopolymer Resin
Finishing: Spray Painting/Silk Screening



Data Center & IT Infrastructure

CNC+Sheet Metal+Laser Cutting

Material: Clear Acrylic/Corrosion-Resistant/Aluminum Alloy
Finishing: Spray Painting/Silk Screening/Adhesive Bonding



Aerospace & Defense

CNC Machining

Material: Aluminum Alloy
Finishing: Sandblasting/Anodizing/Silk Screening



Entertainment

Sheet Metal Fabrication

Material: ABS/PC/Stainless Steel Sheet
Finishing: Spray Painting/Powder Coating



Medical

CNC Machining + 3D Printing + Sheet Meta

Material: ABS/PMMA/Aluminum Alloy/Sheet Metal
Finishing: Spray Painting/Silk Screening/Plating/UV Coating



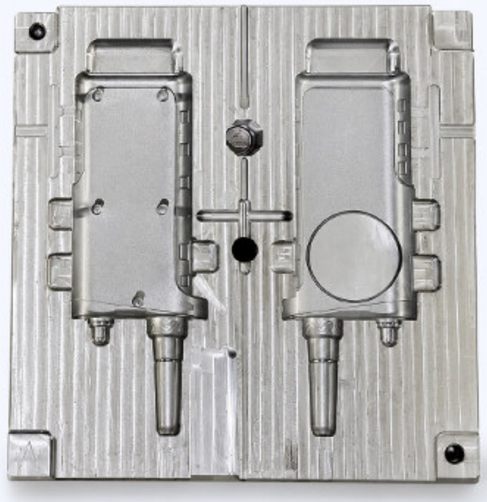
Automation

CNC+3D Printing+Sheet Meta

Material: Stainless Steel/Engineering Plastics/Aluminum Alloy
/Standard Electronic Components
Finishing: Baked Paint/Silk Screening/Plating/Anodizing/Final Assembly

Partner Manufacturing & Extended Capabilities

Through long-term partnerships with trusted manufacturing facilities, we extend our capabilities in injection molding and sheet metal fabrication, providing an integrated manufacturing solution from prototypes to low-volume production.









Injection Molding

Partner Services: Tooling Development · Precision Injection Molding · High-Volume Production

Key Advantages: Unified project management and quality control, optimized tooling solutions, controlled production lead times, and competitive production costs.

Suitable Materials: ABS、PP、PC、PA66 + GF

Sheet Metal Fabrication

Partner Services: Laser Cutting · CNC Bending · Stamping & Welding · Surface Coating

Key Advantages: Coordinated manufacturing resources, high-precision cutting and bending, and fast response to large-scale and complex structural requirements.

Applications: Equipment Enclosures · Cabinets · Structural Brackets · High-Rigidity Components

One-Stop Manufacturing Support

From Rapid Prototype Development → Injection Molding/Sheet Metal Production → Surface Finishing → Final Delivery

HERUIYUN Our Partners

Your Reliable Partner
from Prototype to Production

20+ Years of Industry Expertise,Building Long-Term Trust with Customers Worldwide

XPENG

CATL 宁德时代

FOXCONN

美团 Meituan

inspur 浪潮

ZTE中兴

Baidu 百度

mindray

exact S·C 捷佳伟创 SHENZHEN S.C

大族激光 HAN'S LASER

GREE 格力

Hymson 海目星激光

Haier 海尔

FUJI FILM

Neusoft 东软

ZCO 智加設計 ZCODESIGN.COM

CYG 长园

LKK® 洛可可

BASIS

雅康 ARECONN

HERUIYUN
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