

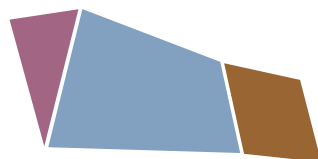


## **Ruizhun Precision Metal Co., Ltd.**

### **COMPANY PROFILE**



SAMPLE SHOWROOM



## ABOUT US

Ruizhun Precision Metal Co., Ltd.

Focus on **Semi solid die casting (magnesium alloy), Light alloy die casting, Precision injection molding, Mould manufacturing, CNC machining.**

As a group factory, two large-scale factories with an covers 70000m<sup>2</sup> have been established to serve customers. Committed to Creating International Advanced Product and Service Supply Chain Provide new one-spot management “ designing → mold / forming → mass processing → quality management ”→ JIT supply chain”.

At present, it has developed into a high-tech enterprise in China and passed the national certification.

More than 50 people's R & D team and three market teams can keep in touch with product customers. As RZ pay special attention to accumulate techniques and R & D. advocate “Magnesium Culture” forward industrial innovation trend. Created “MEIZUN” antonomous brand and registered it in Germany and domestic..



A factory: a group factory basis on semi solid casting (SSC), Light alloy die casting, traditional die casting service. focus on international business, conducting in project analysis and budget, VIP customer service and customized supply chain service.



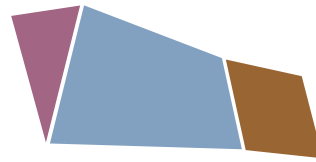
B factory: engaged in mold design, mold manufacturing, mold testing and production, precision injection molding. It is responsible for the prophase mold business of products. has 15 years of experience for the manufacture of moulds. 10 mold manufacturing teams serve customers.

factory A

factory B

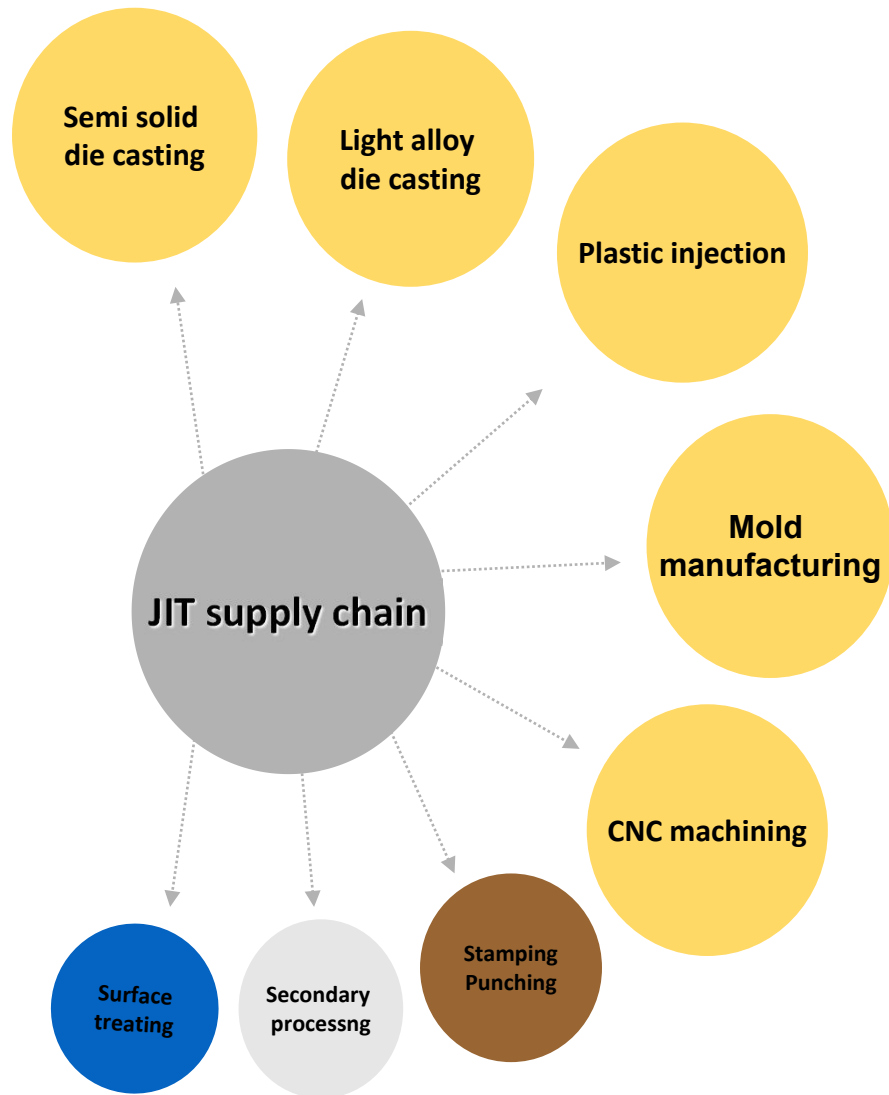


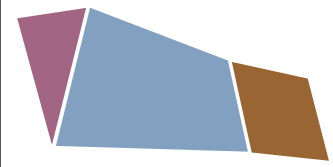




## SCOPE OF BUSINESS

1. Advanced technology: Semi-solid rheo-die casting of magnesium alloys, 100 sets semi-solid die-casting machines, Twenty traditional liquid die-casting machines, all equipped with automatic feeding and clamping system imported To provide the largest and most advanced metal forming service.
2. Processing experience: 8 process items can be completed in our plant. Years of experience, stable and efficient processing technology. Especial Embedding plastic into metal processing has achieved the perfect result.
3. Independent brand: magnesium alloy "MEIZUN" series alloy project. Unique processing results for semi solid magnesium alloy die casting All moulds design and manufacturing are in house processes at RuiZun mould factory
4. Brand service: **JUST-IN-TIME** special supply chain for the clients with long-term supporting cooperation.
5. Brand culture: Magnesium culture spread Mg alloy material application in the industry and life.





# SEMI SOLID DIE CASTING

Semi solid die casting is new metal forming process in the world,

Mainly use magnesium alloy materials to achieve the purpose of **lightweight** products. 100 sets of die casting machine factories

Semi-solid magnesium alloy die casting, obtain high density, high strength, high precision, fine surface, corrosion resistance, RoHS and other excellent products

The company advocates "high efficiency, light weight, environmental protection", and has achieved many research and development results in the production of magnesium alloy parts for automotive parts, electronic 3C products and other products which need to achieve lightweight.。

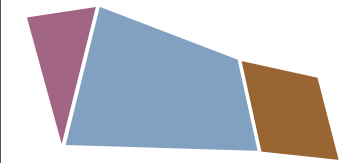
RZ is equipped with **100 sets of advanced rheological semi-solid die-casting machines** and **20 traditional liquid die-casting machines**, which is the largest scale in the world at present.

Powerful production capacity and mature semi-solid die casting technology can help new products quickly seize the market.



## MAGNESIUM PRODUCTS





## INJECTION MOLDING

A total of 60 tonnage high speed, high precision injection molding, single color two color injection molding machine; can be used for the production of large and small plastic products of various industries

Six automatic production lines and dust-free workshop are available for medical grade, high precision, environmental protection and other requirements. The daily production capacity is 14000 PCS.



VARIOUS TYPES OF INJECTION MOLDING PRODUCTS



LARGE INJECTION MOLDING MACHINE



UAV PARTS

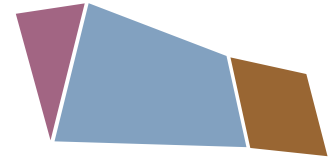


AUTO PARTS



DOUBLE COLOR



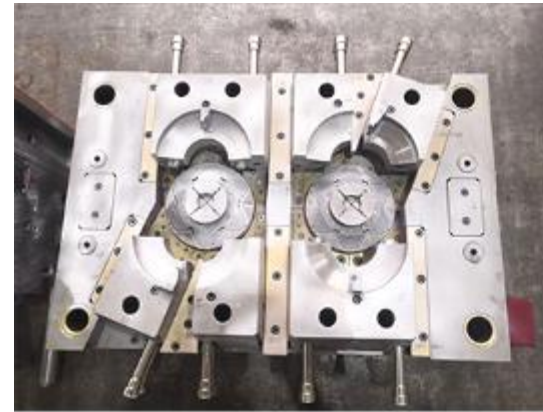


## MOULD MANUFACTURING

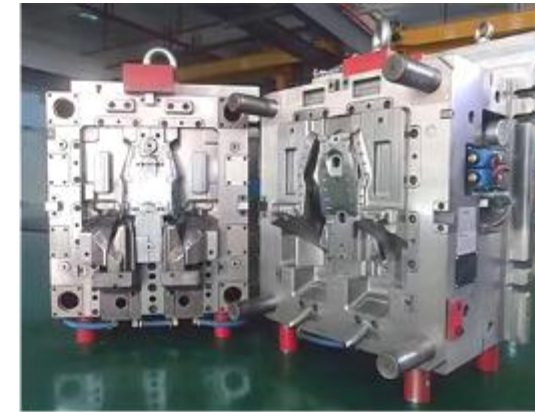
The main business of B factory is injection molding and mold manufacturing, with independent mold design team.

Ten mold manufacturing teams, 36 injection molding machines. Design, manufacture, test and injection are all carried out in the factory area. Mold products involve aerospace industry, automotive industry, telecommunications electronics, medical equipment and other industries with high precision requirements for products.

It can make injection mould and die casting mould. Manufacture production module (mold injection molded product) and test die (mold) according to customer needs.



SMALL PRECISION MOLD



LARGE AUTOMOBILE MOLD



LARGE AUTOMOBILE MOLD

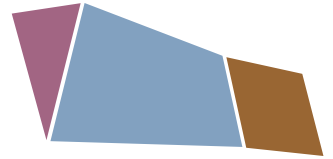


AUTO PARTS MOLD



HOT RUNNER MOLD





## CNC MACHINING

Equipped with 180 Franc CNC Machining Centers, Precision Processing Die Casting Products

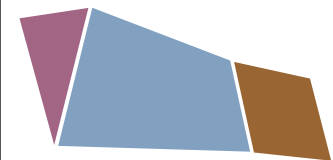
Process Spec.:

length 400 × width 300 × height 500mm  $\phi \leq 300\text{mm}$

Accuracy  $\pm 0.02\text{mm}$  can be achieved.







# PAINTING PROCESS

In order to enhance the corrosion resistance, wear resistance and appearance requirements of the products

Three new fully automatic spraying production lines have been put into operation

Spraying effect of magnesium alloy products is more uniform more beautiful and better.

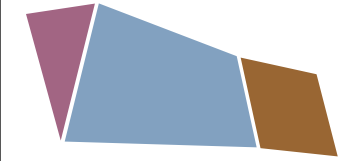


← before →



← after →





## QUALITY MANAGEMENT

The establishment of an international standard laboratory, a variety of tests to ensure that finished products meet customer needs.

**Analysis and Budget:** According to requirement of the product, Analysis material and procedures processing to evaluate and budget exactly for customers.

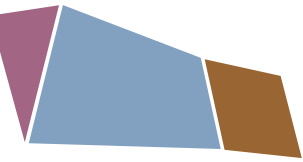
**Inspection:** setted Coordinate Measuring Machine (CMM), salt spray tester....

- Internal checking: mold checking, material checking, produce monitoring, finished-goods checking, shipment inspection.
- Customized inspection: refers to customized test procedure with specify equipment by the customer.
- The third inspection: the third party analysis and inspect product/project system quality.

**JIT supply chain:** By engaged with us, you can get Just-in-time supply chain. With scale priority policy such as produce priority, scale price favorable, investment priority .....







# CERTIFICATES AND HONORS

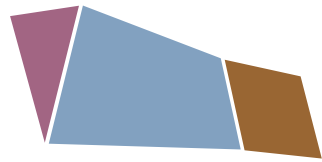
## Certification:

Passed ISO9001: 2015; ISO14001: 2015; ISO/TSTS16949: 2016 quality management system certification and UL safety certification in North America.

## R & D results:

The R&D team of more than 50 people has achieved many research and development results and more than 20 patent certificates for magnesium alloy die casting and semi-solid die casting, aiming at the technical characteristics of "high efficiency, light weight and environmental protection".





## CONTACT US

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Quotation data required::

**2D, 3D, Technical requirement document, samples** (if needed)  
are required our engineering team will evaluate and offer you our best quote.

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