



FUSHENG
PRECISION

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FUSHENG
PRECISION

Titanium

Aluminum alloy

Stainless steel

Casting for the sky, ocean and living
The expert of casting solution.



Pursuing Excellence Enriching Life

The pursuit of precision and perfection, the push for the best quality and the most enthusiastic service, these are our ultimate goals. We believe our commitments will benefit people's lives and bring added value to the industry, enriching our lives.



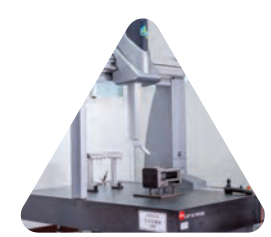
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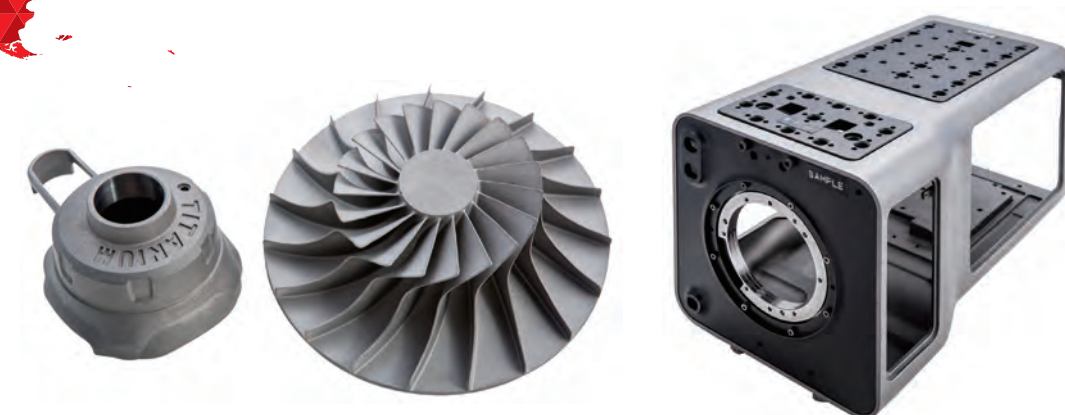


Product - Reliable Components 07



Company Introduction

- ▶ Fusheng was founded in 1953, and ever since we have continually evolved such that today we are still a leading global manufacturer of precision products in the market. The reason why we have remained relevant over these years have been down to both our operationalization and the wealth of experience we have. We leverage core competencies in tooling, investment casting as well as machining and finishing. Our operation is made easier with our Global production plants, such that we are able to provide high quality and certified products to and every location in the world.



At Fusheng, we offer leading edge as well as patented technology, automated production equipment and accessories, distribution channels, as well as the integration of resource globally. It is quite obvious that we offer a full package and high-quality product line that cannot be rivaled by many, both home and abroad.

Fusheng always stands with fluid industry customers, and through this, we can offer them leading edge and advantages on how best to go about their operations for more productive results. From products like a valve to pump, our casting

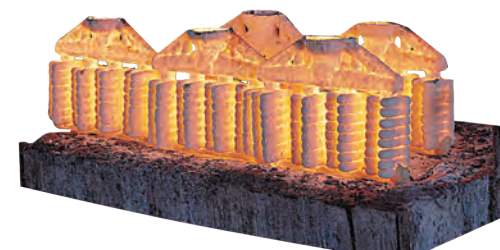
can be used in every aspect of oil, gas and chemical system components that exist. In addition to all of these, we are also concerned about the demands in the market, and as much as possible we try to satisfy it in the best way.

We also have a very long history of partnership with the most capable and sophisticated production companies in the industry, combined with very deep engineering expertise and technical abilities such that we are able to meet all demands of our industrial customers.



Production Process

Fusheng production specializes in the perfect mix of automation and human control. With our plants all over the world, we provide the most efficient production mode, and our foundry involves the latest type of technologies that can be found for the manufacture of casting products in both small and large quantities.



► Pouring:

- Vacuum Arc Remelting
- Vacuum Induction Melting
- Gravity Fed Casting
- Centrifugal Casting



Our production process takes the following path:

► 3D Rapid Prototyping

Our client bolster groups are here to enable you to get the ideal model answers for your structure whenever wanted. Our Design and Engineering group can enable you to prepare your initial plan records for 3D Printing.

- Print Type: SLA
- Size: 749 x 1194 x 1511 mm
- Accuracy : every 25.4mm tolerance 0.025-0.05 mm
- Material: UV Curable Plastic

► In House Tooling Production

We have a group of talented tooling production team. With complex design settle and improvement method that guarantees us can accomplish the elevated requirements that our clients anticipate.

- 5-Axis machining
- Reverse scan ATOS
- Wax injection simulation-Moldex3D
- Casting simulation-ProCAST
- Forging simulation-Simufact Forming
- Function simulation-ABAQUS

► Material

- Titanium
 - ASTM B367 Grade C-2, C-3 (CP-Ti)
 - ASTM B367 Grade C-5 (Ti-6Al-4V)
 - Ti-811 (Ti-8Al-1V-1Mo)
- Austenitic Stainless Steel
 - SS303, SS304, SS310, SS316, SS316L
- Precipitate Hardening Stainless Steel
 - 15-5PH, 17-4PH
- Ni-based Alloy
 - Inconel 625, Inconel 713C, Inconel 718, Monel400
- Ni-Co-Mo Alloy
 - Hastelloy C, Hastelloy C276
- Aluminum
 - A356, A357, E357, C355

and other special requirement


► Facility Capability

- Maximum Casting Weight
 - Titanium and Stainless Steel: 50 Kgs
 - Ni-based and Ni-Cr-Mo alloy: 15 Kgs
- Maximum Casting Size
 - General: L 600mm x W 600mm x H 300mm
 - Aluminum: L 520mm x W 480mm x H 230mm
- Minimum Casting Wall Thickness
 - 0.6mm



Quality Control System

At Fusheng, we are a company that makes use of the latest and most advanced type of equipment to provide our clients and customers. Furthermore, we employ only capable hands and even at that, there are full sets of training they have to undergo to make sure they are qualified to work regarding the quality of service as well as consciousness in timeliness.

All of our machinery equipment is up to standard, and our materials meet with the requirements set by ASTM, DIN, EN, JIS, all of which have the following certifications. 

- ▶ ISO 9001:2015
- ▶ ISO/TS 16949:2009
- ▶ ISO 14001:2015
- ▶ AS9100D
- ▶ OHSAS-18001
- ▶ PED/AD 2000/EN 764-5
- ▶ NADCAP PT/RT/HT




Product - Reliable Components

Only the world's best use the very best components. Fusheng only delivers the most precise, most reliable and most efficient component casting for you such that it can be utilized in whichever industry you need it for.

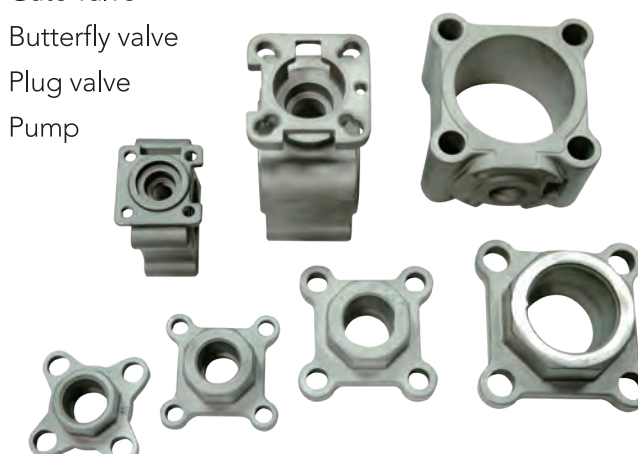
Some of the top-notch components include the following:

- ▶ Valve and Pump Components
- ▶ Aerospace Components
- ▶ Automotive Components, Medical Implants, Industrial Part and Tools.

Valve and Pump Components

We have more than 20 years of experience production for the pump and valve. Provide including: Oil, gas, fracking, desalination, Chemical and construct are the main businesses that depend intensely on valve and pump casting. 

- ▶ Ball valve
- ▶ Gate valve
- ▶ Butterfly valve
- ▶ Plug valve
- ▶ Pump





Automotive Components, Medical implants, industrial part, and tools.

Fusheng are specialists in a wide scope of geometries and materials, more application products including:

- ▶ **Automotive Components and Engineering**
We have giving castings to a portion international brands. Casting have been used to guarantee with an expansive range.
- ▶ **Medical implants**
The most ordinarily parts being utilized in joint substitutions, For example: hip and knee.
- ▶ **Industrial part and tools.**
Industrial castings like gas turbine parts, gadgets and hardware, pressure frameworks, equipment and sports hardware.



Product - Reliable Components



Aerospace Components

Speculation Castings from our foundry have impacted aerospace industry in the following ways:

- ▶ Exterior and inside sensors, movement control, and incitation frameworks
- ▶ Hydraulic liquid framework parts
- ▶ Cargo frameworks
- ▶ Landing and braking parts
- ▶ Bearing enclosures

