

**YIZUMI**伊之密

WE WALK ALONGSIDE THE WORLD!

**YIZUMI**伊之密

Injection Molding Machine / Die Casting Machine / Rubber Injection Machine  
High-speed Packaging System / Robotic Automation / Precision Mold

**GUANGDONG YIZUMI PRECISION MACHINERY CO., LTD.  
COMPANY PROFILE**

Planned by Yizumi in May 2017



Scan QR code to get more information about YIZUMI.

Stock Code: 300415

**Yizumi is dedicated in providing global clients with better investment return and customer experience.**

As a manufacturer of molding machine, Yizumi has been pursuing technical innovation and perfect product quality.

With the mission of becoming the leading equipment supplier in China, we are dedicated to providing global customers with new rewarding experiences.

Yizumi is a Japanese word that means spring.

Hironaka Heisuke, an emeritus professor from Kyoto University, says that man seems to be born with something like spring.

Whether man can give full scope to the inherent character of spring or not determines his capacity and significance of life.

The difference between human beings and animals or machines is that man has the character of spring.

The name of Yizumi symbolizes the continuing vitality, wisdom and creativity of Yizumi people

(Yi Ge) who unremittingly create value and provide new experiences for customers, just like the spring, flowing endlessly.

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## Messages from the Chairman & Managing Director

### We aspire to become a world-class enterprise in our field!



(Left) Managing Director: Mr. Richard Yan  
(Right) Chairman of the Board: Mr. Chen Jingcai

With the widespread application of compression molding technology of light alloy and polymer-based composite, the mode of modern industrial manufacture has been changed and massive production with low-cost becomes possible. Today, light alloy exemplified by aluminum, magnesium and zinc, and polymer composites represented by plastics and rubber have become indispensable raw materials of industrial and consumer products. The relevant molding machinery industry thus achieves rapid development.

At the beginning of 2002, Yizumi manufactured the first injection molding machine in Siji, Ronggui Subdistrict. Then Yizumi launched die casting machines for aluminum, magnesium and zinc alloy, rubber injection machines and robotic automated integrated systems, obtaining high recognition from more and more well-known customers in the molding industry. Yizumi's injection molding machines and die casting machines now rank third and second respectively in domestic markets.

On January 23, 2015, Yizumi successfully launched an IPO on the A-share market of Shenzhen Stock Exchange, becoming the first molding equipment manufacturer that got listed on ChiNext. Yizumi has been committed to enabling Chinese equipment technology to keep pace with the world and enhancing its technical strength, product quality and service for years. Yizumi will also continue its efforts in that direction after going public, set the new goal as becoming a world-class enterprise in the industry, diversify the products around the area of molding machinery for special applications, make innovations in the research and development of products and the way of running the company and actively develop global markets, so that Yizumi's products and brands are recognized by customers and counterparts worldwide.

In addition to the manufacturing base that covers an area of 80,000m<sup>2</sup> in Shunde National Hi-tech Industrial Zone, Yizumi's Wusha Factory (covering 81,117m<sup>2</sup>) and Suzhou factory (1st stage land area of 33,213m<sup>2</sup>) also have been put into use, which will meet the development needs of Yizumi in the next five to ten years. Yizumi also implements the YIZUM-HPM dual brand strategy in global markets and builds overseas bases in North America and India to develop and consolidate foreign markets.

To further improve the products, Yizumi introduces IPD mode to develop the products following strict procedures and upgrade the products based on customer needs. Yizumi has spent over 120 million RMB building its own precision manufacturing platform and invested in building a constant-temperature measuring and testing center to fully improve the product quality.

Yizumi is dedicated to creating better user experience and return on investment for our customers. In the future, the company will devote more input to areas such as technology of energy-saving, automation, precision control and trouble-free products so as to make sure our products are advanced and reliable. Meanwhile, we are devoted to establish a service system with special characteristics in the industry to provide rapid and quality service, making unremitting endeavor to improve the competitiveness of customers worldwide.

**Aim:** We are dedicated in providing global clients with better investment return and customer experience.

**Mission:** We are determined to become a leading Chinese machine manufacturer in five years and a real international enterprise with establishment of global business system in major rising markets.

**Vision:** We wish to become a long-lasting enterprise with effective operation, efficient management and excellent culture, of which the employees are proud and to which social respect are showed.

  
Managing Director

  
Chairman of the Board

#### Three-year Development Plan (2015-2017)

##### Sales Targets:

**Annual sales growth rate for domestic market:**

20% (average)

**Annual sales growth rate for overseas market:**

25% (average)

##### Market Ranking in China:

No.2 in the injection molding machine industry

Top 2 in the die casting machine industry

Top 2 in the rubber injection machine industry

#### Establishing "Global Business System"

- Cultivating professionals with international perspective and overseas managing ability
- Setting up regional technical service centers worldwide
- Building one to two production plants in rising nations
- Establishing a product R&D center in North America
- Global operation of double brands: "YIZUMI" and "HPM"

# TECHNOLOGY

## Customer-oriented Technology

Technology is the most essential wealth and vitality of the company. With a world-class R&D team, Yizumi aims at realizing the interests of customers, insists on taking market as guidance and strives to be the top in R&D. For years, the company has made breakthroughs in research and development of many key projects, designed and manufactured industry-leading plastics injection molding machines, die-casting machines and rubber injection machines. Yizumi provides customers with advanced products and better investment return.

### Top-class Products



Injection Molding Machine



Die Casting Machine



High-speed Injection Molding Machine for Packaging



Rubber Injection Machine ■ Robotics Automation

### DEVELOPMENT OF TECHNOLOGY

2002	2005	2007	2009	2010	2011	2012	2013	2014-2016
<ul style="list-style-type: none"> <li>Yizumi manufactured the first YIZUMI plastics injection molding machine UN90A.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi developed the first servo-motor-driven injection molding machine.</li> <li>Yizumi succeeded in the trial-production of small and precise direct-clamping injection molding machine, and its core technology—rotational pressure building clamping system obtained national patent.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi upgraded SK Series injection molding machine.</li> <li>A2 Series injection molding machine was listed in "Guangdong Important New Products Project".</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi successfully developed the first UN250MG semisolid magnesium alloy injection molding machine in China, which was a technical innovation that passed national appraisal and obtained national patents.</li> <li>The trial production of injection molding machine based on tensile rheological technology, which was a joint project developed by Yizumi and South China University of Technology, ended with success.</li> <li>Yizumi launched real-time-control die casting machine.</li> <li>Yizumi delivered HM90 hot chamber die casting machine to customer.</li> <li>The large-scale liquid silicon rubber clamping unit was developed.</li> <li>F.I.F.O vertical rubber injection machine and "F.I.L.O" vertical rubber injection machine were successfully developed.</li> </ul>	<ul style="list-style-type: none"> <li>Research of composite insulator molding technology and development of special molding machine became the special guiding project for the development of Guangdong Hi-tech Industrial Zone, as well as National Innovation Fund Project.</li> <li>Research of heavy duty die casting technology for aluminum and magnesium alloy and construction of machinery production base became the technological transformation project of the Economy &amp; Information Commission of Guangdong Province.</li> <li>AT Series composite insulator molding machine was successfully developed.</li> <li>Yizumi succeeded in developing and launching high-speed PET preform injection molding system.</li> <li>The high-speed PET preform injection molding system was developed and launched.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi delivered DM2500 die casting machine to customer.</li> <li>Yizumi started R&amp;D and manufacture of DM3000 die casting machine.</li> <li>Yizumi purchased the entire intellectual property of HPM Corporation in America</li> <li>Yizumi started trial production of large-scale two-platen injection molding machine.</li> <li>Yizumi delivered fully-automatic rubber injection machine C80F to customer.</li> <li>Yizumi launched medical BOPP preform injection molding machine BP-96A2.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi launched SM series energy-saving die casting machines.</li> <li>Research, development and design of DM3500 die casting machine were in progress.</li> <li>The first HPM 2000T die casting machine was delivered to Canadian customer.</li> <li>Yizumi successfully developed and launched magnesium hot chamber die casting machines.</li> <li>Development of HPM product lines began and the first HST220 machine was sold overseas.</li> <li>Yizumi developed and produced the first UN1000DP two platen injection molding machine.</li> <li>The horizontal dual moving mold rubber injection machine was developed.</li> </ul>	<ul style="list-style-type: none"> <li>Successful installation and commissioning of DM3500 die casting machine.</li> <li>Yizumi launched the 4th generation real time control die casting machine which was more stable and reliable.</li> <li>Yizumi successfully developed and manufactured HM180H hot chamber die casting machine for bathroom accessory.</li> <li>Yizumi's rubber injection machine received Science and Technology Award from the government.</li> <li>R&amp;D and trial production of the 2nd generation YL2 series rubber injection machines were in progress.</li> <li>VV450 vacuuming rubber compression machine was delivered to customer.</li> <li>UN1000DP two platen injection molding machine was delivered to customer and full development of relevant product line got started.</li> <li>FE05S all-electric injection molding machine was delivered to customer and full development of relevant product line got started.</li> <li>The UN2200M dual cylinder type of injection molding machine was developed and launched.</li> <li>Yizumi completed serial improvement of large tonnage injection molding machines.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi introduced integrated product development (IPD) approach.</li> <li>Test-approved Yizumi-developed A5 series injection molding machines were delivered to customers.</li> <li>Servo systems with better performance and faster response were put into use.</li> <li>Yizumi developed UN800DP-UN3200DP two-platen injection molding machines.</li> <li>H series die casting machines were developed.</li> <li>Electro-hydraulic real-time control die casting machine technology transformation project passed the acceptance inspection.</li> <li>VV450P rubber injection machine was put into service.</li> <li>The 2nd generation rubber injection machine was launched and delivered to customer.</li> <li>Brand-new YL-VV series rubber injection machines YL-HF series and YL-CL series rubber injection machines were in the development and trial production process.</li> <li>Yizumi developed technology of injection pressure sensor front positioning.</li> <li>Clamping flexible structure technology to protect the machine and mold.</li> <li>Yizumi developed an injection unit with injection speed of 400mm/s.</li> <li>Yizumi offered high-speed injection molding turnkey systems for thin-wall products.</li> <li>The robotic integration system project team began to operate and launched the robotic spraying system, robotic part picking system and robotic deburring system, etc.</li> </ul>
<ul style="list-style-type: none"> <li>Yizumi developed the first A-Series energy-saving injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi launched A2 Series precision close-loop-controlled injection molding machine.</li> <li>Yizumi launched the first heavy tonnage die casting machine DM1650.</li> <li>Yizumi high-speed injection molding machine for packaging was developed and launched.</li> </ul>	<ul style="list-style-type: none"> <li>Research in technology of semisolid magnesium alloy injection molding machine and manufacture of its prototype became one of the Guangdong Provincial Industry-Academy-Research Guiding Projects.</li> <li>The R&amp;D and industrialization of DM800 digital high-performance energy-saving die casting machine was listed in Guangdong-Hong Kong Essential Area Innovative Project.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi developed the first UN250MG semisolid magnesium alloy injection molding machine in China, which was a technical innovation that passed national appraisal and obtained national patents.</li> </ul>	<ul style="list-style-type: none"> <li>Research of composite insulator molding technology and development of special molding machine became the special guiding project for the development of Guangdong Hi-tech Industrial Zone, as well as National Innovation Fund Project.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi started R&amp;D and manufacture of DM3000 die casting machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi launched SM series energy-saving die casting machines.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi developed and produced the first UN1000DP two platen injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi introduced integrated product development (IPD) approach.</li> </ul>
<ul style="list-style-type: none"> <li>Yizumi started R&amp;D of rotating pressure-building closed-loop-controlled injection molding machine.</li> <li>Yizumi successfully developed A-series big tonnage injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi launched A2 Series precision close-loop-controlled injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi upgraded SK Series injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi successfully developed the first UN250MG semisolid magnesium alloy injection molding machine in China, which was a technical innovation that passed national appraisal and obtained national patents.</li> </ul>	<ul style="list-style-type: none"> <li>Research of composite insulator molding technology and development of special molding machine became the special guiding project for the development of Guangdong Hi-tech Industrial Zone, as well as National Innovation Fund Project.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi started R&amp;D and manufacture of DM3000 die casting machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi launched SM series energy-saving die casting machines.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi developed and produced the first UN1000DP two platen injection molding machine.</li> </ul>	<ul style="list-style-type: none"> <li>Yizumi introduced integrated product development (IPD) approach.</li> </ul>

# TECHNOLOGY OF INJECTION MOLDING MACHINE

## The aims of R&D are to enhance productivity, lower cost and lessen scrap rate

Since the establishment of Yizumi, the trend of our R&D has been always close to practical application. We devoted ourselves to areas of precise and high-speed molding and succeeded in the end.



## ADVANCED TECHNOLOGY

### High-speed Molding Technology:

Yizumi provides various high speed molding solutions to customer with different configuration according to different product requirements. Application of high speed closed-loop control of mold opening and closing greatly shortens machine dry cycle time. With further implementation of two or more parallel movements, cycle time can be further reduced. Currently these technologies have been widely applied to different fields and greatly improve production efficiency.

### Precision Molding Technology:

Yizumi is a distinguished expert in precision molding machine. After years of cooperation with high-class customers in precision molding industry, we have accumulated rich experience in control of precision molding and mechanism of precision molding equipments. We are able to provide mature technical solutions to requirements of different precision molding.

### Semisolid Magnesium Alloy Injection Molding Technology

After years of research and development, Yizumi has mastered technology of high-speed real time control (maximum injection speed: 4m/s), and other technologies related to high-temperature & corrosion-resistant.

## RESEARCH AND DEVELOPMENT

The range of R&D is extended from single machine to turn-key solution including mould, robot and auxiliary equipment, from machine development to application development.

Yizumi introduces advanced CAD and CAE software to build up a modern digital R&D platform. The electronic sample machine will be shaped at the early phrase of product design, coordinating with machine emulation, machine designing quality and efficiency can be significantly improved.

In order to realize central control and improve system efficiency and operation, Yizumi starts to develop manipulator and auxiliary equipment.

### R&D of Energy-saving Technology

Yizumi has been dedicated to the development of energy-saving injection molding machine, and made abundant achievements. From variable pump to servo pump, from energy-saving ring of barrel to energy-saving thermal insulation device of barrel, the progress we made considerably reduces the energy consumption of injection molding machine. We will continue developing new methods of powering and controlling so as to make breakthrough in energy-saving technology.

### R&D of Semisolid Magnesium Alloy Molding Technology

To widely promote injection molding machine for magnesium alloy, Yizumi will set up experimental bases for R&D of molding technology of magnesium and other materials.

### R&D of Precision Molding Technology

We develop different controlling methods and power systems to meet the needs of precision molding. Moreover, with great attention to the details of machine design and practical application, a significant Yizumi-made injection molding machine is gradually formed.

### Technical R&D of All-electric Machines

Yizumi's R&D elites work together and successfully develop a high-class all-electric injection molding machine that is the application of upgraded technologies including fast die opening and closing, control of high-speed shot end position, multi-dimensional stabilization of back pressure and high-accuracy temperature control.

## PATENTED TECHNOLOGY (PARTIAL)

Name of Patent	Patent Number	Type of Patent	Authorized Date
Piston damping check ring	201510115180.2	Invention	2015-3-17
Clamping ball screw flexible connection structure of all-electric injection molding machine	201510114623.6	Invention	2015-3-17
Drive mechanism of clamping gear reduction box of all-electric injection molding machine	201510114282.2	Invention	2015-3-17
Controller and control method of barrel temperature of injection molding machine or extrusion machine	201410277212.4	Invention	2014-6-19
Residue-free piston type accumulator mechanism of injection molding machine	201410265885.8	Invention	2014-6-13
A piston type clamping cylinder of two-platen injection molding machine	201410261958.6	Invention	2014-6-12
Preform extracting and cooling system	201410079633.6	Invention	2014.3.05
Electro-hydraulic pilot control cartridge type check valve	201310377295.X	Invention	2013-8-26

Name of Patent	Patent Number	Type of Patent	Authorized Date
Three-way hydraulic check valve	201320524706.9	Invention	2013.08
Cyclic pressure adding type cartridge valve	201320239025.8	Invention	2013.05
Injection structure of injection molding machine	201220058210.2	Invention	2012.11
Structure and control of tie bars of injection molding machine	201220054157.9	Invention	2012.11
Tie bar fixing mechanism of molding machine	201220200888.X	Invention	2012.11
Piston damping check ring	201220057270.2	Utility Model	2012.11
Clamping ball screw flexible connection structure of all-electric injection molding machine	201220054156.4	Utility Model	2012.11
Drive mechanism of clamping gear reduction box of all-electric injection molding machine	201220053198.6	Utility Model	2012.11

# TECHNOLOGY OF DIE CASTING MACHINE

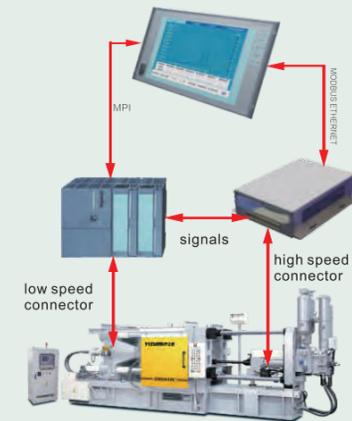
Based on strict requirement, technology of Yizumi die casting machine always ranks first in the industry.

With internationally leading technology, Yizumi die casting machine is gradually replacing similar foreign products.



Yizumi holds many patents for its technologies such as Real Time Control System of Die Casting Machine (Patent No. 201020119084.8) and ejection system of die casting machine (Patent No. 201020116437.9).

## TECHNOLOGY OF DIE CASTING MACHINE



### Application of Die Casting Machine with New Embedded Real Time Control

New embedded real time control system can constantly detect and revise the injection speed with close-loop control during injection. Parameter setup is simple. Reliability and stability of die casting machine are greatly improved.

Application of real time control system is an important development trend for die casting machine.



### Promotion of Fully Automatic Die Casting Cell and Standardization of Its Features

The establishment of the fully automatic die casting cell can:

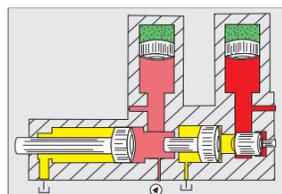
- Ensure the stability of castings' quality.
- Improve productivity and increase the rate of machine operating.
- Reasonably allocate resources and optimize production lines.
- Save human resources and lower production costs.



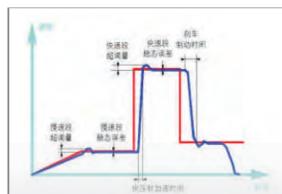
### Improving the Performance and Functions of Die Casting Machine

We commit ourselves to innovation and exploitation, and keep launching new machines to improve the performance and functions of die casting machine. We successfully develop energy-saving system of die casting machine which not only reduces electricity consumption but also prolongs the life of hydraulic parts. In addition, the electrical cartridge valve we developed has enhanced automation and improved the stability of injection.

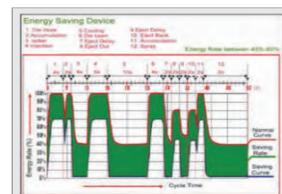
## TECHNICAL FEATURES



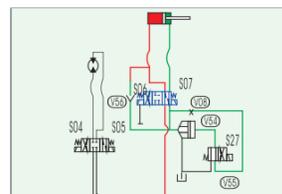
Non-floating Piston design and integrated injection system which are reliable and durable.



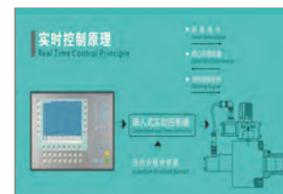
Real time controller with auto adaptation can automatically regulate the injection process to ensure the stability of production and quality of product.



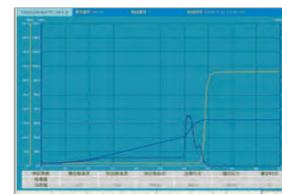
Frequency-change high energy saving device can save electricity by over 45% while productivity is guaranteed.



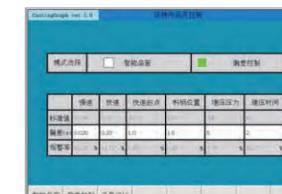
Differential Die Clamping technology ensures high-speed production.



Advanced embedded real time control system.



Precise injection curve display, intelligent online QC management.



Automatic diagnosis facilitates operation and maintenance.



Non-contact injection stroke sensor improves reliability.

# TECHNOLOGY OF RUBBER INJECTION MACHINE

## We provide customers with high-quality technical solutions

Focusing on the production techniques of customers, we offer not only optimal molding solution, but also safer, more environment-friendly and efficient machines so as to help our customers enhance their competitiveness.



Yizumi holds a number of patents of rubber injection machine including Clamping Unit of Liquid Silicon Rubber Molding (Patent No. 200910261472.1) and Rubber Injection Machine for Composite Insulator Molding (Patent No. 200910261471.7).

### Technical Development of Rubber Injection Machine

**2009**

V Series rubber injection machine with three-cylinder balanced injection unit was launched.



**2009**

AT Series rubber injection machine for power sector was launched.



**2013**

VV450 vertical vacuuming rubber compression machine was launched.



**2014**

Yizumi launched second generation YL2 series rubber injection machine.



## PATENTED TECHNOLOGIES



### Rubber Injection Machine for Composite Insulator Molding

Developed by Yizumi, composite insulator molding machine adopts three-step mold closing structure with clamping cylinder on the top. Injection, plasticization and feeding devices are placed at the base, with standing feeding performed. This revolutionary structure endows production of composite insulator with unique advantage: stable rate of qualifying, especially suitable for products that need molding several times. This technical advantage is the solution to problems of traditional facilities including low qualifying rate, unstable product quality, long molding cycle, low productivity, insecurity and heavy work load. This new technology has been highly recognized by our customers.



### Balanced Injection Unit

Balanced injection unit has three balanced vertical cylinders for injection, with more stable injection press and the facility height lowered. A free-hanging injection device enables the injection piston to automatically center itself in the barrel, which reduces wear. Rubber non-return device with the best sealing effect greatly improves the injection accuracy. The injection piston can be disassembled with only one bolt dismantled and a barrel is large enough to clean the rubber inside, which makes rubber changing very convenient. Disassembling of the whole barrel is simple and accuracy of secondary loading and unloading is easily guaranteed. Serialization and modularization of the facility are more accessible.



### Feeding Device of Rubber Injection Machine

With loading gate at the side of storage barrel, traditional feeding device leads to insecure feeding operation and heavy work load. With technology of symmetric guide rail sliding, storage barrel is fully open when the feeding cylinder moves away along the track, which avoids problems of pushing piston abrasion and rubber leaking due to side distortion of storage barrel. Compared with the side open model, this feeding device is compact in structure, highly automatic, safe and reliable with low labor load.



### Clamping Unit of Liquid Silicon Rubber (LSR) Molding

Absorbing the merits of similar products worldwide, hanging clamping unit with single movable platen developed by Yizumi is stable, convenient and safe for liquid silicon rubber product producers. With one platen fixed and the other moveable, the mould can be easily installed and clamping is more accurate. Quick clamping cylinder is fixed at the platen's center of gravity so that the whole machine keeps steady when accident happens. Moving in the middle of platen is permitted with no barrier on the ground, which is convenient for transferring products and moulds.

# PROCESS

Tailor-made equipment to meet individual needs of Customized Solutions

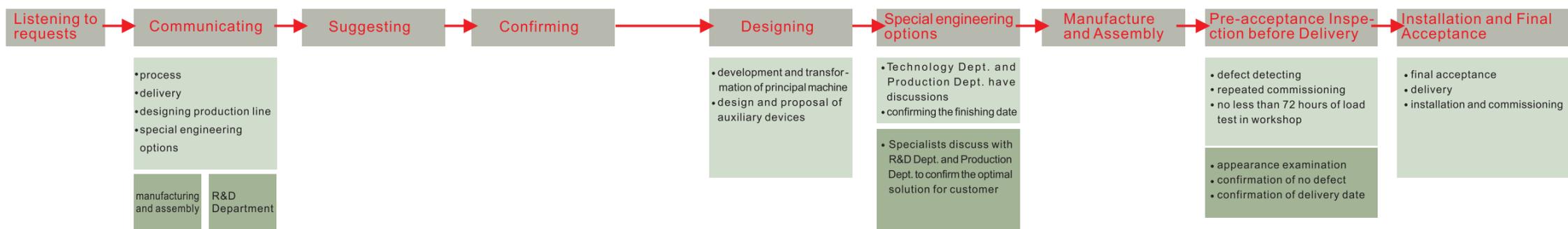


Yizumi Die Casting Cell

With a comprehensive, versatile and professional technical service team, Yizumi adheres to the concept of customer first, and attentively listens to the customer requests. We provide overall solution to problems in technical proposal, plant planning, auxiliary devices and mould development, commissioning and other technical procedures, offering a real turn-key solution.

## SUPPORTING SYSTEM

Yizumi technicians listen to customers' opinions on plant planning, re-discussion of manufacturing technology and expanding business, etc.



# SERVICE



## All customers will enjoy excellent service from Yizumi.

Our products are facilities that have to work 10 to 20 years. Therefore, Yizumi needs to establish a friendly partnership with customers more than machine manufacturers in other fields. The goal of Yizumi is to establish stable globally consistent branch offices that provide first-class service to solve clients' technical and productive problems in a larger area.

### ■ Service Support System

We are trying to establish and improve service networks to provide global service with consistent standard.

The goal of Yizumi is to set up and perfect its global marketing channels which include the marketing center, parts center, service center and overseas plant. It is an important step to realize Yizumi's global market strategy and become an international enterprise which provides unified after-sales service worldwide.

### Extension of Service Network

To better serve overseas customers, Yizumi plans to set up additional overseas technical service centers in Brazil, Russia and other countries and regions apart from North America and India.

### Service Bases

	production base	technical service center	after-sales service center
China	2	3	52
Far East (except China)	—	1	11
Middle East	—	—	2
Europe	—	1 (under planning)	9
Africa	—	—	2
Oceania	—	—	3
North America	—	1	1
South America	—	1 (under planning)	1

### Shorter Response Time

24-hour service hotline is available in Yizumi, which greatly improves the service efficiency.



[Service Guarantee]



## Yizumi's YFO System — A New Model of Industrial Service

### Establishing a Brand New After-sales Service System

At the beginning of 2012, Yizumi started the standardized design and upgrade of the whole after-sales service system. Taking the service concept and operation pattern of HFO model initiated by US machine tool builder—Haas Automation as a benchmark, Yizumi constructs its YFO system for after-sales service, and it includes:

**After-sales Information Closed-loop Management:** standardizing the work pattern of service engineer to quickly respond to the customer need, effectively collecting the market information to promote product optimization and quality improvement (supported by IT system).

**Customer Training System:** establishing high-quality training classes with course design covering elementary, intermediate and advanced levels, building a lecturer team made up of experts in mechanics, electrics, hydraulics and process technique and delivering training courses satisfactory to customers.

**Service Engineer Grading and Evaluation System:** systematically training, strictly evaluating and grading the service engineer, linking pay to performance and ability and conducting annual grading for constant improvement.

**Spare Part Supply System Improvement:** optimizing the whole supply process from spare part planning and management to delivery, for only one purpose: quick and exact delivery of spare parts to meet customer needs

#### Indicators of YFO's Promises:

- Quick response: service staff arrives in 24 hours (In China region only)
- Nation-wide distribution centers to ensure the fastest delivery: 99% of spare parts are delivered in 24 hours.
- 90% of breakdowns is eliminated in one visit.
- 100% follow-up telephone visit.
- Grading, training and evaluating the service staff before issuing certificates.
- Paying a regular visit to customer and carrying out preventive maintenance of the machine.
- Providing solution for customer's product.

Like automotive industry, Yizumi proposes and takes action to set up regional 4S shops for the injection molding machine industry, for the purpose of quickly responding to and meeting customer needs and raising customer perception. The increase of customer satisfaction is the source of Yizumi's active efforts and continuous endeavors in building the YFO system.

### Establishing and Enhancing the Service Branches to Provide Consistent Services Worldwide

Yizumi aims to set up and optimize its global market-based sales system including the sales center, spare part center, service center and overseas factory, to implement the globalization strategy, to become an international company and to provide integrated services for customers worldwide.

### Yizumi Global Service Network

By 2016, Yizumi's products have been sold over China, especially in eastern, southern and northern regions. Also we have been working with more than 30 overseas agents. We not only occupy new markets to develop in scope, but also develop our markets in depth, which includes providing after-sales service, technical support, information service, and integrated solution for products and labor service, etc. We set up an improved comprehensive service system and a sound personnel training mechanism, which is a sustainable, rapid and stable driving force for Yizumi's market development.



Pre-sales service



After-sales service



Application



Training

# QUALITY

## Forge a quality standard in the industry through careful work

Extraordinarily excellent product quality is fundamental. Yizumi always treat product quality as the life of company. What's more, apart from a complete product quality security system, the backbones of Yizumi's leaders are former technicians. They instruct and influence other staff members by their words and deeds. In this way, sense of quality is deeply rooted in the hearts of employees.

### ■ QUALITY SYSTEM



### Product quality is the fundamental guarantee of enterprise's survival and development

Yizumi takes product quality as its life. We adopt and keep improving high-standard quality management system, and pursue perfect product quality. Quality first is not only the strict demand on ourselves, but also our duty and promise to customers.

### Advanced Machining Facilities

Yizumi is determined to build an advanced manufacturing platform. Complying with ISO9001:2008 International Quality Management System, Yizumi is equipped with the world's leading machining facilities like "TOSHIBA", "MORI SEIKI", "MARZAK", "OKUMA" from Japan and "TOS" heavy-duty boring and milling processing line from Czech. These processing facilities ensure the machining quality of important parts.



### Precise Inspection and Testing Equipment

Yizumi has advanced detecting equipment including Switzerland's Kistler high-precision clamping force tester, UK's Renishaw laser system, UK's Oxford mobile spectrometer, Switzerland's Leica laser tracker, a variety of metallurgical microscopes, sclerometer, supersonic crack detector and electric comprehensive analyzer. Yizumi also spends nearly 3 million RMB buying two three-coordinate measuring machines from Hexagon and Zeiss to have high-precision inspection of the geometric tolerance of machining parts for small and medium machines.



### Quality of Outsourcing Parts

In addition to strict procedures for supplier selection, we also use different equipment to have comprehensive physical and chemical analysis, inspection and test of the hardness, geometrical tolerance, roughness, material composition and metallographical structure of components to make sure they meet the design requirements.



### Complete Quality Control Procedure

According to national and international standard requirements, Yizumi formulates strict quality control standards for different parts and types of machines to ensure no defect in products so that customers are satisfied.



### Inspection of Large Platen's Precision

Without the sophisticated means and equipment for inspection and testing, even cutting-edge equipment cannot ensure 100% qualified components. Precision of large machine components (e.g. platens) is always one of the important indicators of a factory's manufacturing and machining capacity. At the beginning of 2014, Yizumi imported a Swiss laser tracker, which is based on technology of laser ranging and tracking, to carefully check the precision of components of 650T and larger machines. In addition, Yizumi uses the laser interferometer to guarantee the precision of machining equipment, adopts imported machining center to ensure stability of machining precision and applies the three-coordinate measuring machine and laser tracker to inspect the precision of processed parts. In this way, Yizumi controls the quality of every machine and guarantees the reliability of every product at each level of processing and production.



# Quality—Talents Management

## High-quality production begins from cultivation of people

To become more outstanding, cultivating talents is indispensable. In order to improve every employee's professional skills and management ability, Yizumi invest plenty of human and material resources in establishing a complete training system and procedure, which centering on improving skills of technical personnel and management education for administrators.



## Recruitment

Yizumi provides better career prospects, excellent pay and conditions for employees. Therefore, more and more elites join us, enhancing the soft power of Yizumi and supporting its leaping development.



## Internal Training

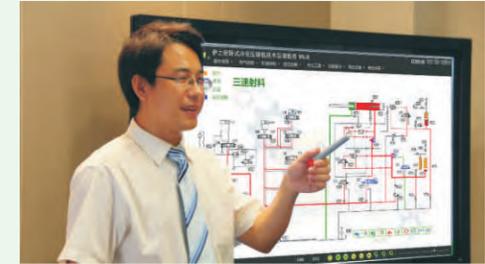
Every year, Yizumi participates in campus job fairs in national key universities and colleges to recruit talents and infuse the company with new blood.

Yizumi plans to train employees who receive higher education as the mainstay of independent innovation through different training courses. A sound training system and fine learning atmosphere are formed.



## Technical Training

Yizumi provides employees with not only regular training on basic knowledge, skills, attitude (professional ethics) and safety, but also instruction in politeness and common sense as a citizen.



## Service Training

For agency engineers and service engineers responsible for maintenance and inspection of Yizumi's products, the company provides professional courses on maintenance technology like trouble shooting.



## Manufacturing Training

We aim at training employees in Yizumi Production Department as true technicians, and try hard to improve their techniques, skills, professional ethics and raise their awareness of safety.



## Cooperation with Professional Training Institutes

Yizumi signs long-term agreements with several domestic professional training institutes so that administrators of Yizumi can acquire professional skills and guidance. Regular training for medium and high-levels staff members are organized to improve their capacity of enterprise management.



## Training Software for Customers and New Employees

To solve customers' problems of cultivating professionals, Yizumi develops a series of training software for processing, technology and repair. Customers can study anytime and anywhere to solve common problems with the software.

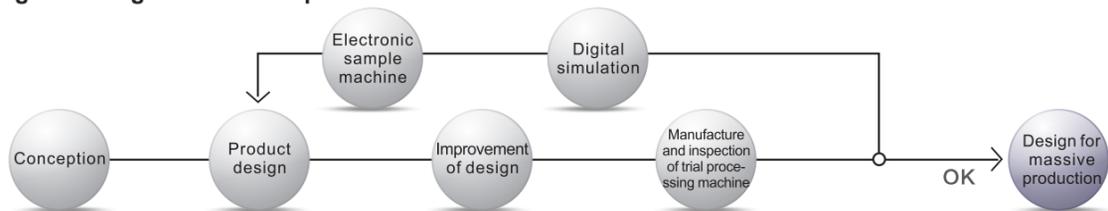
# R&D



## Continuous innovation ensures Yizumi's leading position in machinery industry

Bearing the development philosophy of "manufacturing customers-desired" machines in mind and led by the technology development center in Shunde's headquarters, Yizumi combines 130-year machine technology from HPM R&D Center in North America. Besides, the latest digital technique for designing and verifying is adopted to assess the durability of the prototype processing machine so as to perfect its design.

### Digital Design and Development



### Experienced R&D team is the foundation of Yizumi's strong comprehensive R&D capacity.

Yizumi has technical centers which operate independently under their divisions. With R&D teams composed of elites, Yizumi has powerful technical strength in the industry. The products we develop have strong adaptability to the market. Through persistent researches and tests, we make sure our products become more scientific and keep leading in the industry. As to R&D of technology, Yizumi keeps in step with the international trend, frequently creates and launches products of advanced technology, bringing about greater returns for customers. We are making unremitting efforts to walk alongside the world.



### Industry-academy-research cooperation shortens time of developing new technology and materials.

Persevering in innovation, Yizumi cooperates with institutions of higher education and research institutes. We have made the following achievements in scientific research and development.

### Yizumi Industry-Academy-Research Projects

No.	Project Name	Project Approval Date	Project Type	Partner
1	Research, Development and Industrialization of Intelligent Electro-hydraulic Real Time Control Die Casting Machines	2012	Cooperative Project	Shunde Branch of Chinese Academy of Sciences
2	Research, Development and Industrialization of Key Technology of High-efficiency Intelligent Die Casting Cells	2012	Guangdong Specific Program on Key Technology of Strategic New Industries	Chinese Academy of Sciences, Shunde Branch of Chinese Academy of Sciences
3	Research, Development and Industrial Application of the First- Generation NC Plastics Machinery	2010	Guangdong Specific Trial Project on Innovation and Application of NC Plastics Machinery	South China University of Technology, GSK CNC Equipment Co., Ltd., Guangdong Leshan Machinery Co., Ltd., Guangdong Machinery Industry Association,

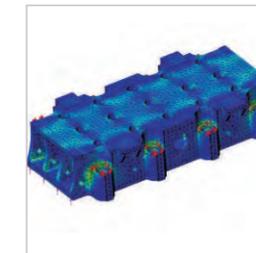
### Digital Design

#### Shortening product R&D time

We purchase 3D design software SolidWorks and finite analysis software Simulation from Dassault Systemes S.A. to facilitate the establishment of advanced R&D and testing platform. Digital technology is employed during the whole R&D process.



**Three-dimensional CAD** effectively improves the efficiency of design and accelerates product development.



**Finite-element Analysis** represents the strained condition of machine in the form of differential equation. Numerical simulation of force bearing of parts is the method used to analyze the period condition changes through repeated calculations.

# MANUFACTURE

NO:13063

DEMAC 10t

NO:13063002

DEMAC 10t

NO:12063007

DEMAC 32/5t

**Yizumi is determined to become one of the most outstanding machine manufacturers in the world, producing excellent machines in shorter delivery time.**

With the aim of shortening production time and improving quality, Yizumi keeps renovating manufacture methods, improving manufacture procedure, and quickening production cycle to keep up with the changing market. Meanwhile, Yizumi begins the construction of its industrial parks in Wusha, Shunde and Wujiang, Suzhou, expanding the production area step by step as planned. Making full use of the current resources, enlarging the production scale, standardizing production and establishing professional production bases of international standards, Yizumi resolves to become the best comprehensive machine manufacturer in the world.

## Production Bases

With Yizumi's three domestic production bases going into operation, the annual capacity of Yizumi will reach over 2 billion RMB.

### Headquarters

Located in Shunde Hi-tech Zone (Ronggui), the headquarters of Yizumi covers an area of 80,000 square meters. It is the administration headquarters and the biggest comprehensive production base with complete equipment.

#### Products:

Die casting machine, rubber injection machine, high-speed injection molding machine for packaging, robotic automatic system and processing of important components.

#### Productivity:

Injection Molding Machine: 235 sets/month  
Die Casting Machine: 100 sets/month  
Rubber Injection Machine: 50 sets/month

**Address:** No. 22, Keyuan 3 Road, Hi-Tech Area, Ronggui, Shunde, Foshan City, Guangdong Province, China



### Yizumi Wusha Production Base

Covering an area of 81,117m<sup>2</sup>, this production base is located in Shunde Hi-tech Zone in Wusha.

#### Products:

injection molding machine, Mg alloy injection molding technology

#### Productivity:

700 sets/month

**First-stage Factory:** Since the new factory went into operation on July 1, 2013, it has inherited 70% of Yizumi headquarters' capacity of injection molding machine manufacturing, offered the possibility of a 60% increase in productive capacity and also relieved the pressure on production at the headquarters.

**Second-stage Construction:** It began by mid 2014 and will be put into use in July 2015. The output of injection molding machine at Wusha production base is expected to reach 1.3 billion yuan (plus tax).

**Third-stage Construction:** A land of 23453 sqm is reserved for future development.

**Address:** No.12, Shunchang Road, Daliang, Shunde, Foshan, Guangdong Province, China



### Yizumi Suzhou Production Base in East China

Located in Wujiang Economic Development Zone in Suzhou (90km from Shanghai), this production base (first stage) covers an area of 33,213m<sup>2</sup>. Its construction has begun.

#### Products:

Robotic automation products

**Address:** No.1, Nanxiang Road, Wujiang Economic Development Zone, Suzhou City, Jiangsu Province, China



### Yizumi Overseas Production Base

Yizumi plans to build manufacturing bases in important overseas markets, including India, South America and Europe.

#### Products:

Injection molding machine, die casting machine and rubber injection machine