We Walk
Alongside The World

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YIZUMI

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The Story

The "Story of Yizumi" started 15 years ago when 10 young but experienced engineers built their first 90T Injection Molding Machine (IMM) for a customer in Donggaun.

After then more than 35 thousand sets of IMM ranging from 60T to 3200T have been built and delivered to customers around the world.

Nowadays Yizumi extends the scope of business to Die Casting Machine, Thixomolding Machine, Rubber Injection Molding Machine, Mold Making and Industrial Automation. Yizumi is regarded as the only company that covers different aspects of molding machine technologies in the world.

The "Story" continues as Yizumi spreads her operations to North America, India and Europe. Yizumi-HPM in Ohio is the flag ship of Yizumi in the USA while Yizumi India will be the first overseas production base of the company. No later than September 2017, Yizumi Germany will be established, trying to connect the molding technologies between Europe and China. All of these activities demonstrates the ambition of Yizumi to transform from a simple local Chinese machine manufacturer to an "International Technology Driven Solution Provider".

In Chinaplas2017, you can see what we are doing with our technology partners from Europe, working together to develop the sate-of-the-art FoamPro Technology. It is not only a machine , it is a total solution that can create tremendous value to customers.

It took Yizumi 15 years to lay a foundation to build good machines. The "Story of Yizumi" will continue. And we will write this "Good Story" together with all of our friends and customers in this industry around the world.

CEO
Yizumi Group
May 5, 2017

YIZUMI Achieves Good Performance in 2016

On April 24, Yizumi published the Annual Financial Report of 2016. In the past one year, the company has developed steadily as the operating income increased by 21.35% year on year to RMB 1.443,000,000, and the net profit attributable to shareholders increased by 50.50% over the previous year to RMB 109,000,000. With the improving performance and the implementation of the globalization, production and operation strategies, the company's position in the industry keeps rising.

Operating income
RMB
1,443,000,000
+21.35%

Profit
RMB
134,000,000
+55.90%

Net profit attributable to shareholders
RMB
109,000,000
+50.50%

Diversified Business Line

Pursuing diversified development in the equipment manufacturing industry, Yizumi has currently established various commercial divisions, namely, injection molding machine, die-casting machine, rubber injection machine, high-speed packaging machine, robotic automation system and Yiming Mold. Especially, in 2016 as the A5 series servo energy-saving injection molding machine and the DP series two-platen machine were launched, the operating income of the Injection Molding Machine Division has reached RMB 866,000,000 by 32.49% over the previous year.

Operating income of each Division

Injection molding machine	Die casting machine	Rubber injection machine	Robotic automation system	Yiming mold	Other businesses
RMB 866,000,000	RMB 429,000,000	RMB 62,467,100	RMB 32,705,200	RMB 4,394,500	RMB 48,288,900
60.02%	29.73%	4.33%	2.27%	0.30%	3.35%

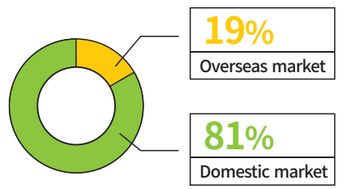
YIZUMI-HPM Dual-brand Strategy Comes into Play

Products sold in such markets as Turkey, Indonesia, South Korea, Malaysia, and Philippines, etc., Yizumi's overseas business has achieved great development in 2016 with the annual sales increased to RMB 270,000,000 by 36.89% over the previous year, which is higher than the growth rate of the domestic market. As the Indian factory will go into operation soon, and the North American market keeps developing with HPM renamed as YIZUMI-HPM, the company's overseas market is expected to have better performance in 2017.

Domestic market
RMB
1,172,000,000
+18.25%

Overseas market
RMB
270,000,000
+36.89%

Operating income



YIZUMI-HPM dual-brand strategy

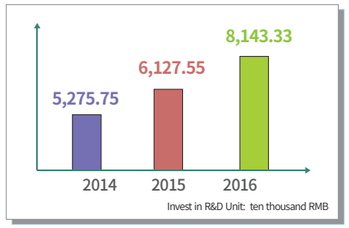
YIZUMI | HPM

Invest in the Future by Promoting R&D

For many years Yizumi has been investing in product research and development in order to drive the growth of the company. In 2016 the expense on R&D reached RMB 81,473,300, accounting for 5.65% of the operating income. There were 52 new patent applications in the year, of which 30 patents have been obtained and one is the patent for invention. Focusing on technology application, the company will continue to promote R&D in the future. With the German R&D Center to be established in 2017, Yizumi aims to integrate with advanced European molding technology and make a world-class enterprise in the equipment manufacturing industry.

Investment in R&D
RMB
81,473,300

Accounts for 5.65% of the Operating income



Invest in R&D from 2014 to 2016

A Good Start in the First Quarter of 2017

Along with the growth momentum of 2016, Yizimi has made a good start in the first quarter of 2017. With the continuous increase of orders and sales, the operating income increased by 54.01% year on year to RMB 412,000,000, the total profit increased by 300.14% to RMB 64,355,900, and the net profit attributable to shareholders 319.17% to RMB 51,985,600. A total of 876 contracts have been signed with automobile, household appliance, and 3C product manufacturers, etc.

Operating income
RMB
412,000,000
+54.01%

Total profit
RMB
64,355,900
+300.14%

Net profit attributable to shareholders
RMB
51,985,600
+319.17 %

The steady development in 2016 has enhanced Yizumi's people's confidence in 2017. As Mr. Richard Yan, CEO of the company, said, Yizumi is dedicated to be a world-class enterprise to provide high-quality molding solutions for global customers. With several innovative products hitting the market, Indian factory going into operation, and the German R&D Center to be established, Yizumi is expected to achieve great development in 2017.

Yizumi's Indian Base Goes into Operation

Located at Ahmedabad of Gujarat, India, with an area of 8,775 square meters, the Yizumi Precision Machinery (India) Private Limited is scheduled to go into operation in the second quarter of 2017. This company is co-funded by the Yizumi Precision Machinery Co., Ltd. and Varadan Ramesh, an Indian who has over 20 years' experience in India's injection molding industry.

Since the HPM production base was set up in America, it has been the second time for Yizumi to large-scaly develop her overseas market. As the corporation's goal says, "we aim to be a world-class company in the injection molding industry", Yizumi has taken another important step forward.

Integrating two cultures, we make progress while ensuring stability

Different from the localized management of the HPM production base in America, Yizumi's Indian branch will integrate Chinese management philosophy with Indian culture so as to manage the Indian factory with innovative methods. To support multi-national operation, exchange programs and language trainings for technical workers and engineers of the Chinese headquarters and Indian factory will be organized.

It's this year's target for Yizumi's Indian branch to establish standard operation procedure and quality management system, develop suppliers, and set up a sales and services network. "We plan to produce 100 to 150 machines in 2017, while we would rather walk slowly because we should firstly ensure that our products, though made in India, are of the same quality as those manufactured in our Chinese headquarters." said Zhang Tao, Deputy General Manager of the Yizumi group and General Manager of the Injection Molding Machine Division.

Oriented to the middle and high-end market with energy-saving, efficient and stable machines, in the early period Yizumi's Indian factory will focus on manufacturing SM and A5 machine series under 650 tons in line with the demand of the Indian market.

Yizumi's products boast advantages in India

Constrained by inadequate technology research, incomplete supply chain system and trade protectionism, Indian domestic manufacturers of injection molding machine develop relatively slower in technology than the overseas brands do. But as these factories are localized, they have a good knowledge of local market. So how will Yizumi compete with them in India?

According to Mr. Zhang, with a complete product line and flexible configurations, Yizumi is able to meet customers' need in an overall way. For one thing, Yizumi prevails in the technologies of servo hydraulic machine, two-platen machine, all electric machine and injection molding machine for packaging, which is conducive to the fast development of the product line of the Indian base. Moreover, Yizumi will integrate the supply chain of Indian factory with that of the Chinese headquarters so as to create competitive advantages in cost and quality. Besides, the localized services in India will be connected with the service system of the Chinese headquarters to provide fast professional services.

A prosperous future lies ahead

As one of the BRICS countries, India is a globally important manufacturing nation. Zhang Tao said, with the relatively fast growth of the Indian economy and consumption, the country's market of injection molding machine will continue to progress well in the coming years.

"The Yizumi group has a three-year plan for global development, which will be adjusted every year according to the real situations. Currently we are developing the global sales and services network in a fast way, especially that in Europe and North America. The Indian factory, when achieving this year's goal, will increase the production by 100% in 2018. We expect the growth rate of the global market will be higher than that of the domestic market." Zhang Tao said when talking about the company's globalization strategy.

INDIA

WE WALK ALONGSIDE THE WORLD

15th Anniversary
2002~2017

Fifteen Years after 2002 We Become an All-field Molding Machine Manufacturer

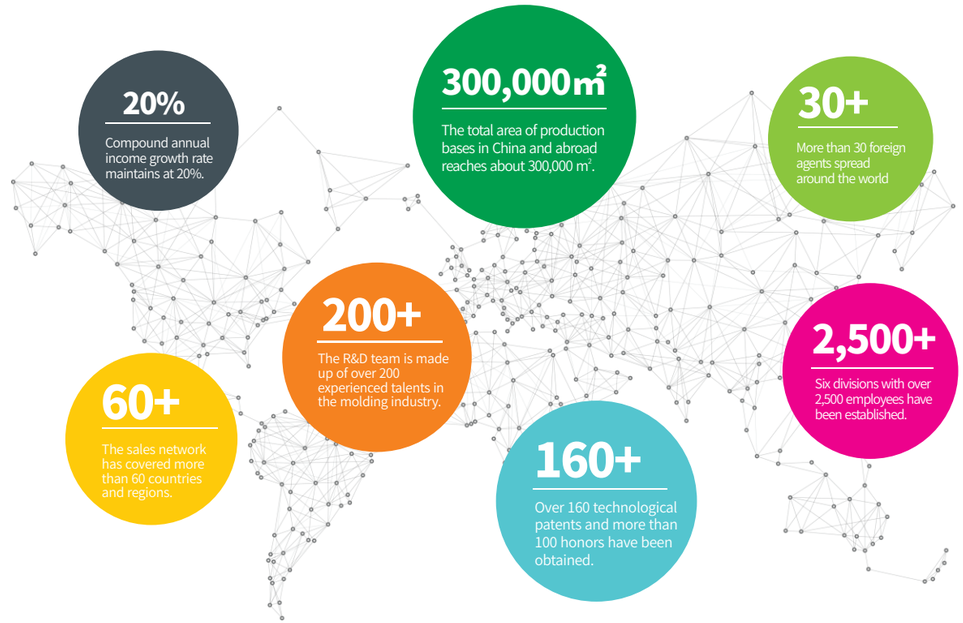
For 15 years, Yizumi has achieved diversified development in the equipment manufacturing industry, with six divisions established covering the injection molding machine, die casting machine, rubber injection machine, high-speed packaging system, robotic automation system and Yiming mold.

From being a late comer to a leader in the industry, Yizumi has become the only company in the world that covers every field of the molding industry.

With the annual output up to over RMB 1.5 billion, the company has developed her sales network in more than 60 countries and regions in the past 15 years.

In 2016 she was awarded as one of the 50 "most innovative companies in China" by the Chinese edition of FastCompany, one of the top three commercial magazines of the U.S.

At the starting point of another 15 years, she is more vigorous and ambitious than before with the goal of keeping up with advanced European technologies.



Each Step Forward can be a New Height

As the mission of the company says, "we walk alongside the world". For fifteen years, Yizumi has been working hard to catch up with the global equipment manufacturers. From 2002 every step forward has seen the growth of the company.

2002

Guangdong Yizumi Precision Machinery Co., Ltd was established in Shunde, Guangdong Province.

2004

The Die Casting Machine Division was set up.

2005

Yizumi was headquartered in Shunde National Hi-tech Industrial Zone.

2006

Yizumi began to explore the overseas market with the first batch of agents recording the sales of RMB 30,000,000.

2009

The Rubber Injection Machine Division was established.

2011

Yizumi purchased the entire intellectual property and patent technology of U.S. HPM Corporation and established North America R & D Center.

2012

Yizumi won the "Shunde Government Quality Award 2012".

Yizumi injection molding machine was awarded "Innovative & Energy-saving Machine" and "Top 10 Favorite National Injection Molding Machine Brands" in the selection of Plastics Technology China's 10th Anniversary Awards 2002-2012.

2013

Yizumi Group established a new division: Guangdong Yizumi High Speed Packaging System Co., Ltd.

The Wusha Injection Molding Machine Production Base in Shunde, Guangdong Province and the Wujiang Production Base in Suzhou, Jiangsu Province went into operation.

2014

The Robotic Automation System Division was established.

2015

Yizumi got listed on Shenzhen Stock Exchange on January 23.

2016

The sixth division of the Yizumi group-Yiming Mold went into Operation.

The Yizumi Precision Machinery (India) Private Limited was established.

Yizumi set up a Testing Center for New Technology.

2017

Yizumi became a member company of the Institute of Plastics Processing (IKV) of the Aachen University of Technology.

The Indian factory went into operation.

Another historic moment is coming!

G R O W T H

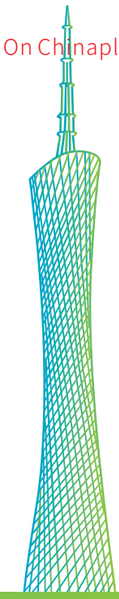
2017

CONNECTING CHINA EUROPE

ufi Approved Event

Chinaplas® 2017 国际橡塑展

Molding Technology Connecting China and Europe



How do the well-known companies keep their leading position in the world? Focus on R&D to create opportunities and guide the market. They seize opportunities to make quick profits and then continue to create bigger opportunities.

In that case, how can late comers grow up in the competition? Invest in technology development to look for opportunities and then open the market and make the change.

In 2017 Yizumi began to upgrade her technologies. The company used to focus more on the performance and quality of machine, but now she spares more efforts to observe customers' demand and improve the R&D mode so as to integrate technologies, materials, peripherals and production conditions with the need of products.

On Chinaplas2017

Open to the World, We See More Opportunities

On the morning of March 17, Dr. Ing. Hans Wobbe drove several of Yizumi's executives from Aachen to a 50km-far place in Belgium, where they paid a visit to a mold factory. In the following week, Dr. Wobbe drove them over 1,000km to Nurnberg, Dresden, Sommerda. Though the schedule was very tight, he enjoyed it very much.

Since Dr. Wobbe joined Yizumi, he has always hoped that the management of the company and the technological team could broaden their horizon and learn from the advanced global technologies. Meanwhile, he has been playing an active role in connecting Yizumi and the European competitors.

The new thoughts and technologies learnt from Dr. Wobbe and Europe stroke Yizumi's leaders that it's time for the company to change. "Stay hungry and stay foolish. We are exploring our own technology upgrading mode in the global equipment manufacturing trend." said Mr. Richard Yan, CEO of Yizumi.

IKV（Institute of Plastics Processing）

The Institute of Plastics Processing (IKV) in Industry and the Skilled Crafts at RWTH Aachen University is Europe's leading research and training institute in the field of plastics technology. With over 300 people working there, the IKV has four research departments- extrusion &rubber, fiber-reinforced composite &polyurethane, component design &material technology and injection molding. The close connection between science and industry is at the heart of the Institute's research. Students graduated from IKV are highly recognized in the industry. Fifty percent of German plastics technicians with a bachelor's degree are graduates of the IKV.

Germany is outstanding in Europe's equipment manufacturing industry with many top world-class equipment manufacturers and research institutes located in the country. To learn from the most advanced European technologies, since 2016 Yizumi has been communicating with German research institutes very often. Particularly, the Institute of Plastics Processing (IKV), where Dr Wobbe works, is in the RWTH Aachen University, a well-known University in science and engineering boasting rich scientific research resources. As one of the top plastics processing institutes in the globe, the IKV has close cooperation in scientific research with about 250 enterprises around the world. Besides, these companies are also the sponsors of the institute.

"In China, there is a clear line between the projects of research institutes and the need of enterprises; even many research results are hard to be applied in the market. But the IKV has very close connection with the industry, and many of their research projects are full of market value and thus sponsored by the European companies," Richard said, but the equipments that the institute is using in research are mostly provided by top European manufacturers and we hardly saw any Chinese facilities. So last year Yizumi applied to be a member company of this super club.

CONNECTING
ECUHRIONPAE

OPEN
innovation

On March 2017, Richard attended the International Injection Molding Conference 2017 held by the IKV, which was the first time that he had participated in the conference as the representative of IKV's new member enterprise. Besides, together with other executives of Yizumi, he visited the Lightweight Engineering Ssolution (AZL), the Forschungsgesellschaft Kraftfahrwesen mbH Aachen (FKA) and the Institute for Kraftfahrzeuge (IKA) of the RWTH Aachen University, the Institute of Plastics Processing and the Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V. of the Chemnitz University of Technology, and Institut Für Leichtbau und KunststofftechNik of the Dresden University of Technology. At these leading institutes, they not only saw the bicycle that can be lifted with one single finger, but also the HP-RTM technology that combines fiber with thermoset materials, etc.

Richard believes that what they saw at the institutes will be seen in the market in three to five years. "You have to respect the strong research capacity of Germany," he added, what's more, they are very open to the industry. Thanks to the spirit of inclusiveness German equipment manufacturing industry has developed differently from Japanese do. The latter attaches much importance to the optimization of the machine itself, while German enterprises focus on the demand of customers, what will BMW need and how will the equipment connect with the peripheral system and factory conditions. "Being in the leading position, they are not afraid of competition, because they will run faster than any others," commented Mr. Yan.

Mr. Gao Chao, General Manager of the Yizumi Die Casting Machine Division, also has deep feeling with his visit to Germany. In October 2016, he visited the die casting mold companies MTF and H&B, and the GTK (die casting research institute) of the University of Kassel, which made him realize that the European die casting industry has shifted their competitive focus from machine to overall solutions, and they are able to connect with the latest need of auto makers. "we should also change our thinking and R&D mode, focus on application research, and understand the application demand for automobile structural parts with large projection area, complex structure, thin wall and heat-treatment required," said Mr. Gao.

Through these visits Yizumi's executive team began to think how to break through limits and catch up with Europe. Whether in the discussion on technology or market, at the executive meeting, or at the annual conference, the management will share as much as the advanced European concepts and technologies with Yizumi's people. "When the executives are talking about it, the company must have been aware and willing to change." one engineer said after a meeting, "the R&D team is more active than before."

FKA（Forschungsgesellschaft Kraftfahrwesen mbH Aachen）

As a partner in the automotive industry, Forschungsgesellschaft Kraftfahrwesen mbH Aachen (FKA) offers innovative solutions and advice. Starting with the whole vehicle, FKA develops concepts relating to the key themes of energy efficiency, safety, driving pleasure – driving innovations. FKA has been cooperating with the IKA in the research and development of vehicle components including the chassis, body, electronics, and driving assistance, etc. With an annual income of EUR 1.2 billion in the field of automobile research and development, the FKA and IKA's project has employed 180 people, of which more than 100 are engineers.

IKA（Institute for Kraftfahrzeuge）

The Institute for Kraftfahrzeuge (IKA) is Europe's leading automotive engineering research institute with large experiment workshops and test factory. The institute is public-funded and has cooperation with well-known companies such as BTW, Volkswagen and Daimler, etc. and other manufacturers and suppliers in the automotive industry. The research area includes chassis, vehicle body, drive system, electrical components, and driving assistance. There are more than 135 employees and over 200 student assistants in IKA. Beside the student research project, the essays of bachelors and masters are also part of their development projects.

Promote innovation with high investment in R&D

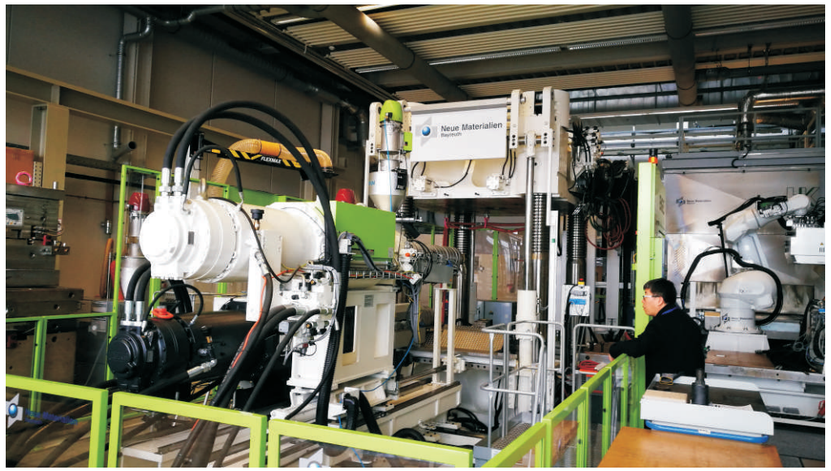
To prepare for Chinaplas2017, Dr. Wobbe communicated with several top European equipment manufacturers to make plan for the display of the microcellular foam technology. So far the YIZUMI FoamPro technology has integrated with the technologies of six well-known enterprises - GK Concept, Trexel, Weimat, HRSflow, SINGLE and lyondellbasell. It will make its first appearance at Chinaplas2017 to produce a Yizumi briefcase with high-quality high-gloss, matte, leather-grain, fabric textured or granular surfaces, which has broken through the technological bottleneck of the MuCell technology.

"Our European partners were surprised at the beginning of the cooperation that a Chinese enterprise should invest so much in the microcellular foam technology," Yan said frankly, there is risk and difficulties, especially in achieving an ideal surface effect, but we would like to have a try, namely, integrating the cutting-edge technologies of six European companies and achieving parallel design and production in five months.

The FoamPro technology is a breakthrough for Yizumi to connect with advanced European technologies. The company will continue to develop new products and promote technological innovation. Compared with the top European equipment manufacturers, Yizumi is a late comer in this industry, but we can create opportunities and guide the customers through developing new products with more efforts spent in R&D, added Mr. Yan.

As a member company of the IKV, Yizumi will implement her new R&D plan, Richard indicated, the company will set up a German R&D Center at RWTH Aachen University to promote innovation, and cooperate with the IKV in the research on the optimization of the mechanical reamer design and the application of semi-solid magnesium alloy injection molding.

Besides, Yizumi is looking for new partners globally in the field of precise die casting mold and injection mold and plans to establish an R&D center in the Chinese headquarters. So in the coming three to five years the investment in R&D is expected to achieve a great increase. Last year the investment in R&D increased by 25% to RMB 81 million, and accounts for 5.65% of the operating income. The R&D expense will remain an appropriate proportion in the operating income, but it will rise progressively as the performance of the company improves year by year, Richard said, "we will maintain our competrtive edge in the market. The investment in technology is for the purpose of medium- and long-term benefits rather than short-term interest and we are confident in it."



O P E N

INNOVATION

Focus on Knowhow

With Dr. Wobbe's joining the company and making connection with the advanced European technologies, and the cooperation with top European partners, Yizumi has gradually changed her orientation. The company used to focus on the performance and quality of the machine, which is also the Japanese thinking but has been behind the times, "it turns out that the European factories are taking the lead.

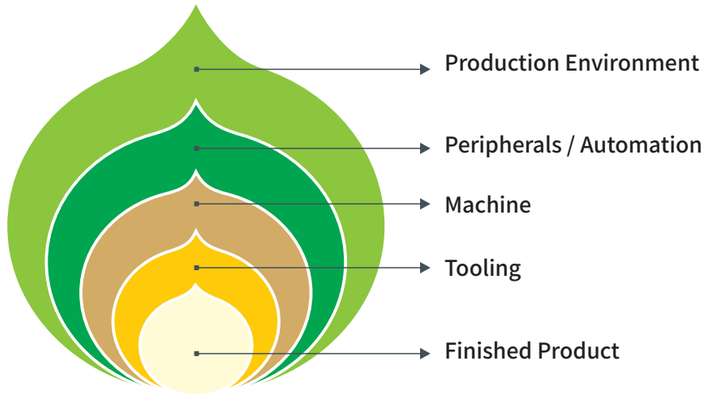
Mr. Yan always illustrates the repositioning of the company with an onion diagram. The center of the diagram is the products. The second and third rings are the mold and machines that customers need to make products; then it comes to the materials and peripheral automation, namely the solutions; the outermost is the production environment, including the soft conditions of intelligent manufacturing (Industry 4.0) and the hard conditions, for example, medical standard.

Richard believes that the say of the industry is changing. The onion diagram stands for the trend, namely, it is the products that will determine the development of technologies and production environment. So Yizumi will not only focus on the optimization of machine but provide solutions based on the need of products.

In fact, Yizumi has been expanding her business line to meet customers' demand. With the establishment of the Robotic Automation System and Yiming Mold Divisions, the company has been capable to provide customers with comprehensive solutions. A new challenge for the company is to establish a smart factory connecting the Industry 4.0. Mr. Richard Yan explained, through the cooperation with the first-class control system manufacturers, Yizumi can enable customers to monitor production in real time on their PC, and upload the production data to the cloud so that they can manage the production whenever and wherever they are, and achieve inter-machine connection according to EUROMAP 77. "This is the first step to connect different machines. Intelligent manufacturing is a matter of information technology. Yizumi will build such a team to improve the molding industry MES system." he added.

The company will progressively promote development through building new teams or divisions. For example, the New Material and Technology Testing Center was established last year in Shunde. Within six months after that, this division successfully developed the FoamPro technology. Dr, Wobbe is also helping to build the R&D team in Germany. Most recently, Yizumi received the teachers and students from the South China University of Technology for exchange of ideas, and organized an English training class for senior engineers.

"Both technology development and Intelligent manufacturing will depend on the soft power of the company. We will bring in talents from around the world." said Richard, Yizumi will embrace the advanced European technologies to upgrade her own technology, but won't depend too much on duplication of technology, because product innovation and competitiveness cannot be achieved through copying. "We should gain knowhow and educate ourselves first when bringing talents in, develop new product management mode when using new technologies, and forge our core technological competence with an innovative mechanism."



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DP Series Two-platen Injection Molding Machine

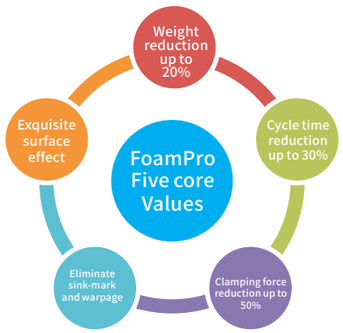
Breaking Bottlenecks, FoamPro Technology Achieves Complex-Texture & High-Gloss Surface Appearance

Yizumi'sFoamPro microcellular foam technology that will make its first appearance at CHINAPLAS 2017 is amazing enough to catch the eye of every counterpart: the 1000DP two-platen injection molding machine which is equipped with outstanding SmartClamp system, aircraft level aluminum mold technology, ATT (Alternative Temperature Technology) and FLEXflow servo hot runner system is able to perform MuCell microcellular foam injection molding and produce parts with high-quality high-gloss, matte, leather-grain, fabric textured or granular surfaces.

Mainstream MuCellLightweight Technology

YizumiFoamPro process is aimed atoffering customers solutions for molded parts with lower weight and good surface quality through the foaming technology. At CHINAPLAS 2017, Yizumi will partner with Trexel, the exclusive supplier of MuCell microcellular foam technology, for the first time to apply the FoamPro process in the manufacture of MuCellinjection molded parts with high gloss or other complex surface textures.

Because of the advantages in cost and manufacturing, MuCell, as a kind of lightweight technology, has been rapidly used in the world and mainly used in automotive, consumer electronics, medical equipment, packaging and consumer goods sectors. MuCell is actually a physical foaming process. During plasticizing, the supercritical fluid is injected into the plastic melt. Then the plastic melt is injected into mold cavity and the pressure drop causes the supercritical fluid cells to nucleate. The cells continuegrowinguntil the mold cavity is completely filled with the plastic melt due to the expansion ability is restricted or the melt cools. The finished products will be ultimately made of very tiny microcellular structures. MuCell process not only saves materials, but lowers the part weight while ensuring the performance and improving the quality of molded parts. Compared with traditional injection molding technology, MuCell can generally shorten 15% -30% of molding time and usually reduce material and part weight up to 20%.



Cutting-edge Technologies Surmount Surface Quality Problems

Although microcellular foaming has many advantages, the surface quality has been its big problem. Defects such as lack of gloss andrough surfacesimpede successful manufacturing of parts with high-quality surfaces. To break technical barriers in microcellular foaming, YizumiFoamPro process has innovatively combinedmultiple world-leading cutting edge technologies.

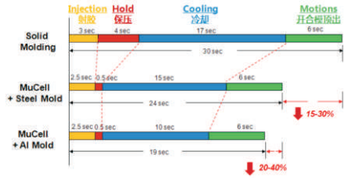
SmartClamp System

Yizumi provides customers with precision two-platen injection molding machines that are stable and highly-efficient. The SmartClamp System on two-platen machine allowsintelligent adjustment of clamping force according to the injection molding pressure, reducing manual operation mistakes and ensuring stable part quality. The SmartClamp System is able to realize precise mold opening and closing during injection and ensure the accuracy of platen motion, platen parallelism and repeatability via accurate control of the tensile force and displacement of four tie bars. This function is mainly applied to manufacturing parts with large flat surfaces, high degree of smoothness and uniform wall thickness. For some foamed parts, the mold is required to be open with a crack of 0.1mm-10mm via accurate control when injection is completed, making space for continued foaming and ensuring uniform wall-thickness and dimensional repeatability of the finished products. For parts that require the use of injection compression molding technology, like the car sunroof, before the mold is not fully closed (with a gap of 0.1mm-10mm) prior to injection, about 90% of mold cavity is filled via a lower injection force. Through mold closing, which is precisely controlled by the SmartClamp System, the mold cavity is filled with compressible melt. Such a process can reduce molded-in stress, as well as shrinkage and deformation of molded parts.

Aircraft Aluminum Mold Technology

In Europe, car manufacturers are keen to use aluminum molds to manufacture automotive interior parts. Compared with steel mold, development of aluminum mold is worthier of the industry expectations.

The aircraft level aluminum mold used by YizumiFoamPro processhas better thermal conductivity than steel and delivers 20%-40% shorter cycle time than steel mold. Such high thermal conductivityreduces differencesin mold temperature and cooling speed, thus lowering residual stress and solvingmolded part defects, including deformation, distortion and cracking and improvingpart quality. The combination of aluminum mold andMuCell process can further shorten cooling time and cycle time.



Alternative Temperature Technology (ATT)

Mold temperature control is crucial to breaking the bottlenecks in foamed part surface quality. YizumiFoamPro combined with AAT (Alternative Temperature Technology) enables the cavity temperature to be close to melting temperature, so that during mold-filling the plasticized polymer can be completely filled into the microstructural crack on the cavity surface, resulting in part surface that is 100% the same as the microcellular structure (texture) of cavity surface without weld line, reducing glass fiber and enhancing gloss on the molded part surface.

FLEXflow Servo-driven Valve-gated Hot Runner System

Traditional needle valve is pneumatically or hydraulically driven and it can "open" and "close" only. Since FLEXflow valve-gated hot runner system is driven by servo motor, the gate opening and closing positions can be precisely controlled according to the process requirements, solving some molding defects, such as weld mark, stress and warpage due to unbalanced runners. The FLEXflow system is especially suitable for aesthetical parts with Class "A" large surfaces and grained surfaces.

Self-designed Robotic Automation Solution

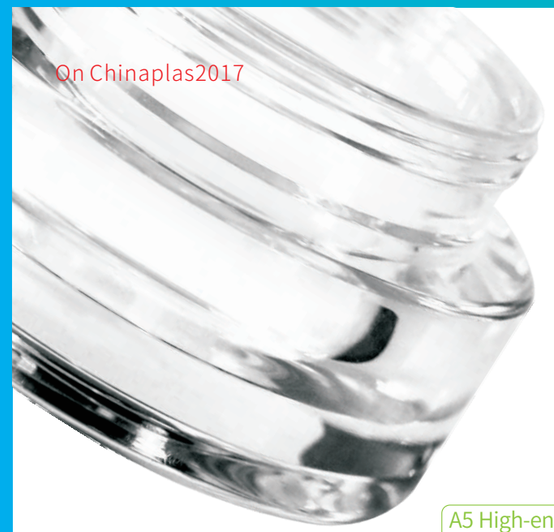
Based on those four cutting-edge technologies above, YizumiFoamPro process realizes five kinds of effects on the molded part surface: high gloss, dull finish,leather grain and fabric texture. It is noteworthy thatall automation solutionsto be shown are designed by Yizumi Automation Company.

Many processes, including part removal, gate cutting,automatedassembly of briefcase and part conveyance to safety fence are automatically completed by robots without manual operation.

To ensure perfect debut of FoamPro, Yizumihas cooperated with more than sixadvanced European and Americanequipment manufacturers to complete the project. It is the first time that Yizumi has invested so heavily for a show.

Glory Chen, Head of New Material & Process Tech-Center, said that FoamPro process was the first complete technical solution produced by his department. In-depth development based onMuCell technology could deliver five core values, including 20% of part weight reduction, 30% of cycle time reduction,50% of clamping force reduction, delicatepart surface and lesswarpage and shrinkage. Starting with the launch of FoamProat CHINAPLAS 2017, Yizumi's testing center wouldeepen development ofFoamPro in the future, not only further integrating MuCell technology into Yizumitwo-platen injection molding machines, but also continuing and deepening partnership with existing equipment suppliers for the FoamPro project, even other physical and chemical foaming processes and providing a completeYizumiFoamPro solution for global customers.

Molded part: Yizumi briefcase
Raw material: LYB PPC foaming grades TYC558F(PPTalc5)
Part size: L570xW400xH40mm
Number of cavity: 1
Part surface finish: high-gloss+ matte + granular + leather-grain + fabric textured
Part weight: 900g
Cycle time: 49 sec



A5 High-end Servo Injection Molding Machine

Four Thick-walled Cosmetic Cream Bottles per Cycle

Key words: thick-walled products, stability, weight repeatability precision

Characteristics of the Machine:

◎Good plasticizing effect: the products won’ t go yellow or black, or produce any black or white spots, flash, bubbles, or flaw for long-term use;

◎High stability: in standard molding conditions, the position control precision will stay at ± 0.2mm and the product weight repeatability is no more than 1‰.

◎Low energy consumption: 4.3kWh per hour

Molded part: cosmetic cream bottle
Number of cavity: four parts per cycle
Molding material: PETG
Part weight: 139g
Molding cycle: 120s
Partners: QHMAG magnetic platen,
TOPSTAR auxiliary machinery

As the market demand for cosmetics and accessories keep increasing, the need for thick-walled plastic products such as cosmetic bottles, lids, and plastic boxes is rising. The thick-walled plastic products require high appearance quality and no shrinkage or deformation is allowed. The main difficulty in the injection molding of this kind of products, particularly thick-walled PET, PC and PMMA parts, lies in the long holding time and high pressure, which, when a servo injection molding machine with normal configurations was used, would trigger the alarm due to “drive overload” or “motor overheat”, while Yizumi's A5 high-end servo injection machine has solved this problem comprehensively.

Having displayed the molding of a PMMA thick-walled product-LED optical lens at Chinaplas2016, the A5 series high-end servo injection molding machine will once again challenge the thick-walled product market at this year's Chinaplas, where the UN260A5 injection machine with new plastic bottle material-PETG will demonstrate the production of transparent thick-walled cosmetic cream bottles with maximum wall thickness up to 15mm.

As is known, the performance and technology of the injection molding machine have significant effect on the quality of the transparent thick-walled products. In order to avoid the products turning black or yellow, or producing black spots, flash, bubbles or flaw, the UN260A5 has been equipped with the customized barrel and screw and a special dynamic system to guarantee high pressure and overload capacity in a long holding time and stability in low-speed control.

It's a technological breakthrough for Yizumi in the field of molding transparent thick-walled products. The company's technology team has improved the hydraulic system of the A5 series high-end servo injection molding machine and the configuration of the servo pump so that the machine can perform stable production under high pressure and in low speed with precise position control and high repeatability. As a general-purpose machine, the A5 high-end servo injection molding machine has been widely used in the cosmetics packaging and accessory industries with good customer feedback.

At Chinaplas2017, the UN260A5 will be equipped with the magnetic platen for the first time to demonstrate a comprehensive solution to fast mold change so as to improve production efficiency.

PAC-K High-speed Injection Molding Machine for Packaging

4+4 Hot Runner Stack Mold with IML System, High-speed Molding of the 750ml Thin-walled Vessel

Key words: stack mold, IML, high-speed molding, thin-walled vessel

With the improving livelihoods, there has been an explosive growth of the need among the market and manufacturers for thin-walled vessels because of their exquisite appearance, good sanitation, fine sealing and short production cycle. Hence, the injection molding technologies of thin-walled vessels, mold technologies and manipulator and automation technologies have achieved rapid development in recent years.

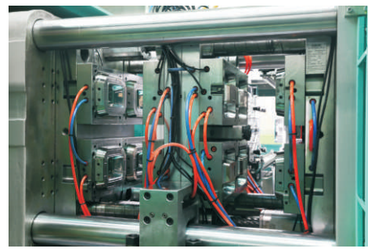
In the light of the personalization and high production efficiency of the thin-walled vessels, Yizumi has developed the PAC-K series high-speed injection molding machine for packaging, which is a new member of the PAC series. With high rigidity, injection speed and precision, the machine can be used in multi-cavity injection molding of thin-walled packaging products. As a new growth point of Yizumi, so far the PAC series has been very popular among overseas customers with the machines sold in many countries and regions such as Israel, Pakistan, Turkey, Saudi Arabia, Iran, Philippines, Malaysia, Indonesia, and Australia, etc., and applied in food and diary packaging industries.

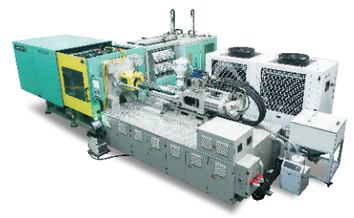
At Chinaplas2017, the PAC450K will be equipped with 4+4 hot runner stack mold and IML system. Made by the Yiming Mold Division, the 4+4 stack mold can improve production efficiency while ensuring good quality. Produced by the Shenzhen Yangsen Precision Machinery Corporation, the IML system is equipped with the structure of dual labeling functionality and dual independent arms to improve molding efficiency. Since a cruciform labeling design is adopted in the products, the labeling functionality uses an internationally agreed natural tilting structure, while a rotary structure is used in the absorption and transmission of labels, so that the repeatability precision and stability can be improved and the motion path reduced.

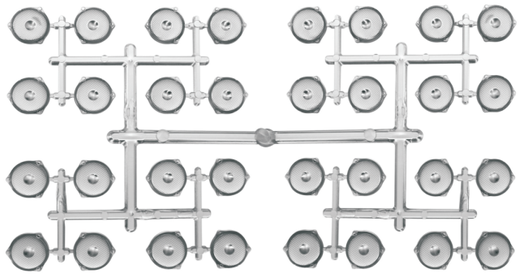
Yangsen will support Yizumi over the course of the project. "We have had active exchange over the feasibility of the plan with Yizumi, and have solved many technological problems so that the system can perform effectively. " said Mr. Yang Guosen, General Manager of Yangsen.

The combination of PAC450K, 4+4 hot runner stack mold and the IML system has made the whole molding solution more efficient. A 750 ml thin-walled vessel can be molded in 6.5 seconds in the full automatic production system. Two years ago, Yizumi's high-speed packaging division developed the first 4+4 thin-walled vessel production system, which has proved out to be highly stable within the customers. Now the IML technology has been integrated with the 4+4 production system, which is a demonstration of Yizumi's capability in system integration in the packaging molding field.

Molded part: 750ml thin-walled vessel
Number of cavity: 4+4
Molding material: pp
Molding cycle: 6.5s
Partners: Yangsen robot, Shini auxiliary engine







FE 120 All-electric Injection Molding Machine

32 Parts per Cycle, an Automation Solution for LED Lampshades

Yizumi's FE electric machine provides professional, efficient, and stable solutions of injection molding. With clamping forces ranging from 60 to 260 ton, the machine can be equipped with three speed modes in the injection unit and applied in such areas as precise electronics, auto parts, and medical products, etc. Widely recognized by domestic customers, the machine has been sold in many other countries and regions such as Brazil, Portugal, and Poland etc.

At Chinaplas2017, the FE all-electric machine will connect with periphery equipments to show comprehensive solutions to customers' need and technology demand.

Molding effect: FE machine is equipped with clamping force of 120T, speed mode of 350mm/s, PMMA material and specialized plasticizing screw in order to realize high precision and stability in plasticization. The end point of injection will stay at a deviation of 0.1mm with the repeatability precision of less than 0.37%, and thus the optical performance is guaranteed and no black fusion edge exists. Since this type of products need realize economic benefits through high production rate, the FE electric machine has reduced the molding cycle from 35 seconds to 25 seconds.

Automation-with efficient laser-cutting device and precise positioning fixture, the machine can realize automatic operation so that labor forces can be decreased and cost reduced.

① When the mold opens, a robotic hand withdraws products and put them on one of the laser positioning tool;

② There are two positioning tools. The robotic hand withdraws previous products on the tool, which has been monitored via visual cameras. These products are then grabbed and sorting in the table next to the machine.

③ The robotic hand puts the products into the collecting box on the ramp.

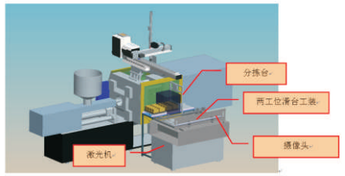
④ The robotic hand will leave and grab other products. The laser begins to cut the sprue and drop it down below the laser machine.

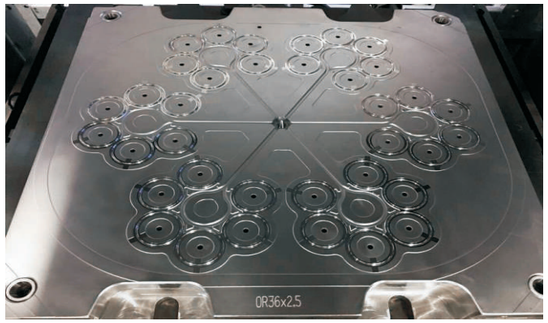
⑤A single collecting box can contain 1,000 products of 125 molds.

⑥When the withdrawal is completed, the box will be ejected by the sprue cylinder and moved to the worker, who will then take it away for further processing.

Real-time monitor-since the quality of appearance is a most important element for LED lampshades, this automatic solution uses a visual monitoring camera to test the quality of appearance via image comparison. All production statistics during molding process including the parameters of main and auxiliary machines can be demonstrated and monitored in real time, so that customers can know more about production situation and find and deal with problems timely. What's more, the water and power consumption can be closely monitored, which is conducive to further optimization of the production system.

Yizumi not only satisfy customers' need for production stability through complete professional solution, but also enables you to follow the production schedule and improve management efficiency through systematic data platform.





YIZUMI YL-H350F Horizontal Rubber Injection Machine Makes Debut at Chinaplas2017

In the recent years, the production of most inset-free seals/-Oring has shifted from compression moulding process to injection moulding. To achieve higher product quality and automation, the horizontal rubber injection molding machine has mainstreamed the market demand. Through more than 2 years' market research and development, Yizumi R&D team eventually brought the highly stable and durable horizontal rubber injection molding machine YL-H350F into the market.

Based on the good performance and stability, the YL-H350F can improve product quality and reduce the defective rate to a large extent. Besides, the high automation can help customers slash their labor costs and improve the manufacturing efficiency dramatically.

The technological strengths of YL-H350F are as follows:

1)With experienced engineer who has worked in this field for several decades participating in its design, the machine absorbed advanced Italian horizontal rubber injection machine technology.

2) A cutting-edge control system is used so as to satisfy the need for high precision and stability and enable customers to connect it with the modern management system.

3)The stable clamping system and solid machine mechanical structure lay a foundation for the stability and durability of the machine;

4)The injection plasticizing system enables you to replace the rubber compound conveniently; the perfect connection of the plasticizing system and the control system results in a very high injection precision;

5)The machine is highly-automatic with mold auto extraction and cleaning device, which clears away the flash while brushing the products down.

The YL-H350F machine can be applied in every industry for the production of insert-free seals/O-ring with high quality requirement. Compared with other domestic horizontal rubber injection machines, YL-H350F prevails in its performance and stability, while its cost is lower than the European equipments. So the machine is positioned to replace the imported high-end automatic rubber injection machine in China.

Zhuhai Seikawa: Pursuing High Yield Rate-Car Grills and Trim with Zero Bubble, Mechanical Pitting, or Weld Mark

Li Longping

Chairman of Zhuhai Seikawa Products Co,.Ltd

For 20 years, Zhuhai Seikawa Products Co., Ltd. has been focusing on producing automotive plastics such as the vehicle radiator cleaning system, decorative plating parts, connectors, and etc. Japanese enterprises constitutes 90% of the company's customers, of which most are the first-tier suppliers of automobile parts, which have been applied in such famous brands as Mercedes Benz, BMW, Volvo, Nissan, Toyota, Honda and Suzuki etc.

In 2012, Zhuhai Seikawa stood out from Chinese injection molding industries and joined hands with Sukada Riken Industry Co.,Ltd, a top Japanese electroplating manufacturer who had had a history of 50 years, to produce electroplating products for its Chinese production base. So far there have been over 20 injection molding machines for electroplate production in Zhuhai Seikawa's workshop.

How the car trim fits for electroplating?

Car grills, side molding, rub rail, spoiler… all these different shapes of car trim, after injection molding, have to be electroplated to have a strong dazzling metal texture when assembled into a car.

However, it is not easy to realize injection molding and electroplating. Since the shapes are complex and irregular, injection molding of car trim requires molds with large mold thickness and injection conditions with good stability. Otherwise, when electroplated, these parts will produce bubbles, mechanical pitting, or weld mark.

"It is most important to have good appearance for car trim; no defect is allowed. " said Li Longping, Chairman of Zhuhai Seikawa. The quality of

electroplating has become an important standard to measure the value of a car. In order to satisfy customers' needs, the company has independently developed their own large mold, designed new pouring head mode so as to ensure zero oil pollution in production and high finish of products with mirror bright mold cavity polishing.

Injection technology with small shot capacity and large mold thickness

The cooperation between Yizumi and Zhuhai Seikawa started from 2014, when the latter, due to the production of car trim for Honda, was in need of an injection molding machine of 1000T that could satisfy the injection process with small shot capacity and large mold thickness.

"For electroplates, materials will be carbonized in the barrel if the charging capacity is too large. "Li Longping said, average three-plate injection machine cannot satisfy both the conditions of large mold thickness and small shot capacity, while the two-plate injection machine of Yizumi exactly provides a good solution.

"The two-plate injection molding machine is hydraulically driven and its opening stroke is 2/3 times larger than that of a three-plate injection machine of the same model. Besides, the machine with better parameters can also be customized. " said Su Jiang, director of the production department of Yizumi's two-plate injection molding machine.

Since the products need electroplating, as a manufacturer, Zhuhai Seikawa attaches much importance to the yield rate. Li Longping said, "Yizumi's two-plate injection molding machine meets high requirement in injection speed, injection pressure and precision. There is no bubbles, mechanical pitting, or weld mark produced, which meets our demand of yield rate. "

Most notably, electroplates have a dangerous adversary-the weld mark, which is a linear trace on the surface of plastics and won't disappear even after electroplating. Namely, a single line of weld mark can destroy a batch of plastic parts. To avoid this problem, Zhuhai Seikawa used a hot runner sequential controller to adjust the injection process. Besides, Yizumi's two-platen injection molding machine improved the stability and injection pressure. Thus, the weld mark is avoided for good.

Realize 100% of yield rate with automation

Yizumi's two-platen injection molding machine has been in operation in the workshop of Zhuhai Seikawa for two years with both the yield rate and efficiency satisfying the company's needs, and products covering decorative parts of Mazda, car grills of Toyota Crown, and Kautex radiator etc. "Yizumi's two-platen injection molding machine remarkably outruns the other brands in stability. And there is little deviation in the plasticizing time. " said Zheng Da, equipment engineer of Zhuhai Seikawa, who has operated Yizumi's two-plate injection molding machine for long.

When it comes to the cooperation with Yizumi, Li Longping said, “The machine can identify defective products and send a message to the manipulator, which then removes the unqualified parts to a different operational sequence. Hence, artificial errors are diminished and products in the quality product area are 100% qualified.”

Besides, Li said, Zhuhai Seikawa is looking forward to cooperating with Yizumi to realize comprehensive automation in the future so that the company can take a leading position in the industry.

Japanese enterprises constitutes 90% of the company's customers, of which most are the first-tier suppliers of automobile parts, which have been applied in such famous brands as Mercedes Benz, BMW, Volvo, Nissan, Toyota, Honda and Suzuki etc.

SterkPlast: Creativity Brightens up Life

Yizumi Gains Customers' Trust with Quick-response Service

Image: SterkPlast workers and Yizumi service engineer Zhang Changling (middle)

SterkPlast, founded in 2000, is Romania plastic products industry's leader with 16 years of experience in manufacturing of household plastic products. The main products of SterkPlast include basins, fruit trays, shoe racks and tubs. From the kitchen to the bathroom, restaurant, and garden, SterkPlast's products can be seen

easily at home.

Since 2009, SterkPlastas started production of industrial plastic containers, such as water storage tanks and oil tanks to further expand its businesses in the plastic parts sector.

Today SterkPlast manufactures 30 million units of plastic products a year and operates in a plant of 14,000 square meterswith 45 injection molding machines and 7 blowing machines. Because of the excellent product quality and high production capacity, SterkPlast not only receives support of a large number of customers, but also becomes Romania's iconic company whose products are sold well home and abroad.

Over 200 product patents

A household plastic article should be not only practical, but also an ornament of a home. Household articles with excellent design can add brilliance to the home. When the current world is overwhelmed by similar products andmore people pursue exquisiteand tasteful life, adding design elements to ordinary plastic materials becomes a manufacturer's powerful weapon in the fight for marketing victory.

Dedicated to the field of household plastics for years, SterkPlast knows that very well. The company keeps up with market demands, makes full use of the properties of plastic materials, and develops different types of colorful products withsoft lines, so that ordinary plastic household products become exquisite.

Because of the dedication to and innovation of products, SterkPlastnot only obtained more than 400 product patents, but also achieved ISO 2001: 2000, ISO 14001: 2004 and OHSAS 18001: 2007 international quality certification. In 2014, SterkPlast won Romania'sCreativity Trophy.

High efficiency and excellent service

The household plastic products industry pays great attention to efficiency in mass production. Therefore, SterkPlast is particularly concerned about the service efficiency of equipment manufacturer and the stability of machine. The company knows once the machine goes down due to failure, the production schedule and benefits will be directly affected.

In 2009, SterkPlast started to work with Yizumi and purchased closed-loop variable-pump energy-saving series injection molding machines from Yizumi. Although SterkPlast was thousands of miles away, Yizumiwas able to responded to customer's problems quicklyand timely enhance the performance and efficiency of the machine as required, which was recognized by SterkPlast. Since then, SterkPlast has continued its cooperation with Yizumi.

In 2014, SterkPlast purchased 12 sets of SM2 high-performance servo energy saving series injection molding machines. As the power limit for industrial workshop in Romania was 1600KW only, the total power used by SterkPlast had almost reached the upper power limit before the purchase of Yizumi injection molding machines and power failures often occurred due totripping. Yizumi reconfigured the machine according to SterkPlast's electrical demand so that the total power used by the workshop was down to 1200KW, which solvedSterkPlast's problem in electricity use.

Now there are 26 units of Yizumi injection molding machines whose clamping force ranging from 160T to 1400T operating in SterkPlast's workshop. Those machines can produce infant tubs, basins, trash bins, fruit trays, shoe racks, oil barrels, chairs and other household items.

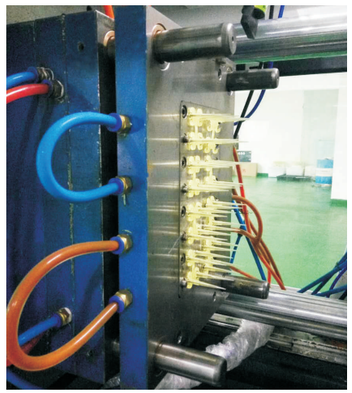
SterkPlast'sofficial said, compared to other foreign injection molding machine manufacturers, Yizumihad attached great importance to the voice of customer, reacted quickly in the process of communication and providedexcellent after-sales services. SterkPlastwould continue to increase cooperation with Yizumi in the future.

Case

High-speed Molding, 460,000 Pipette Tips per Day

Injection velocity: 500mm/s, Repeatability: 0.05mm

Pipette tips, as an indispensible laboratory tool in scientific research and experiments, are widely used in such areas as clinical diagnosis, bio-technology, pharmaceutical research, chemical experiments, food examination and etc. People are most concerned about the quality of pipette tips because it determines how accurate and precise an experiment can be. So for the manufacturers what's most important is to ensure that their products are sanitary and deformation-free.

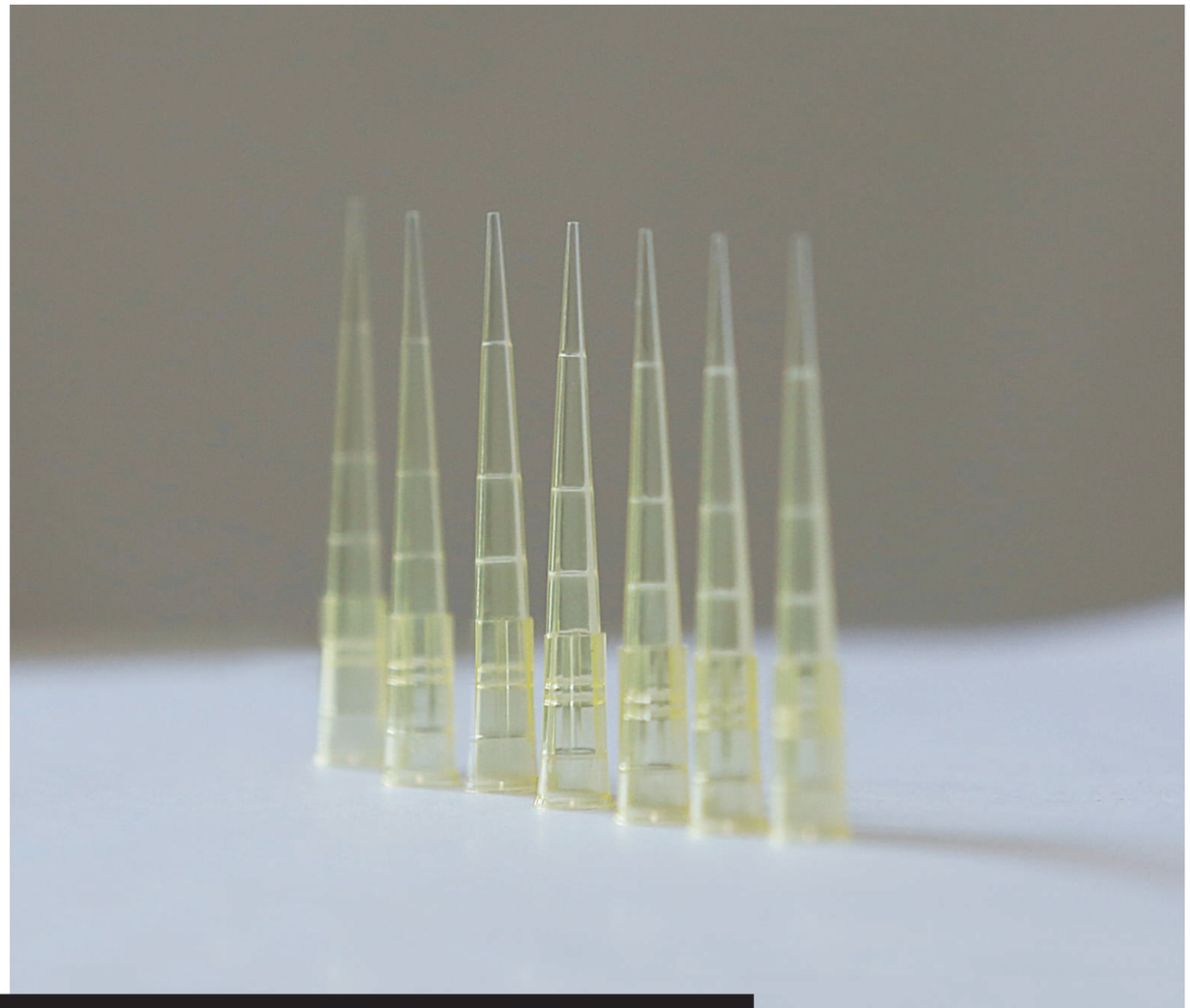


Requirements: clean and deformation-free

To meet the demand of European customers, a medical plastics manufacturer in Zhongshan, Guangdong Province, needs to produce a batch of high-quality pipette tips with a length of 50 mm, a wall thickness of 0.4mm and a mouth diameter of 0.05mm. To meet the hygienic standard for production, the company creates a super clean manufacturing environment with strict quality control to make sure there is no DNA polymerase, RNA polymerase or pyrogen in the workshop.

Like the other pipette tip manufacturers, the company attaches much importance to the quality of their products. As one-off products for specific applications, Pipette tips, with a large market demand, are required to be straight, stable and deformation-free. And a 100 product percent of pass rate is needed.

If the hydraulic injection molding machine were used, there might be oil pollution in production, or high pressure in the mold due to lower injection velocity of the hydraulic machine, thus deforming the products. Meanwhile, the product would be fragile under high temperature. A technical manager of the company said, "We once tried the hydraulic high-speed machine, but these problems remained inevitable. And the high-speed all-electric injection molding machine has proved to be a good solution."



All requirements met: 460,000 pipette tips per day, 100% up to standard

Having compared with many other brands of all-electric injection molding machine, the company eventually chose Yizumi's FE120 high-speed all-electric machine, which, equipped with the Keba controller and the Phase control system, has upgraded the electric control system, designing, and software algorithm, thus realizing an injection velocity of 500mm/s and ensuring accurate shot end control and machine stability. So far the FE machine has been widely used in such fields as 3C, medical health and fast consumption product etc. to produce cell phone screen borders and thin-walled parts and so on.

With advanced polypropylene raw material and precise 64-clavity mold, the FE120 high-speed all-electric injection molding machine can produce about 460,000 thin-walled pipette tips a day with cycle time of 12 seconds and injection pressure of no more than 80MPa and a repeatability of 0.05mm. The products are all qualified with no one deformed or distorted after 24 hours. Since October 2016, the FE120 high-speed injection molding machine has been in operation for six months; it meets all of the requirements of the company.

The successful application of Yizumi's all-electric machine has enhanced the medical plastics manufacturer's confidence in expanding its future production. This year, we will continue to enlarge the dust-free workshop and buy more FE high-speed all-electric injection molding machine to support more production lines of pipette tips, said one of the leaders of the company.

Automatic Multi-Cavity Demoulding System + Peripheral Automation

Rubber injection molding solution

■ 36-cavity bushing

As the labor force are becoming younger and more expensive, and costs in raw materials keep increasing, domestic equipment manufacturers are faced with recruitment difficulty, lower employee stability and higher production cost. Yizumi rubber injection team, during the communications with equipment producers, finds that the key constraints on domestic manufacturers are the high dependence of machinery on manual labor and low stability of the equipment.

European standard low bed YL2-VL series
YL2-V440L rubber injection machine

Excellent machinery stability ensures high automation

Most manufacturers of domestic and other Asian countries are still using traditional solution. For example, the mold will resume its place in the front of the machine after mold opening, and then operator remove the moulded parts from cavities, get rid of the flash on the parts, and remove the sprue from the mold. In this process, the surface temperature of the mold goes down very fast, the curing time is prolonged, and thus the cycle becomes longer. Meanwhile, the whole process is highly dependent on manual labor.

However, the injection moulding machine solution designed by Yizumi adopts automatic multi-cavity demoulding system and cold runner system, which ensures no sprue removing required; Automatic demoulding replaced manual work; operator can check the moulded parts of the previouscycle and remove the flash when the products are automatically transferred to the front by the conveyer belt. Hence, the production efficiency is greatly improved.

The automatic process of this solution is as follows:

1) Operator loadinserts to the mold cavity;

2) Mold close,clamping, injection,curing;

3) Mold open, middle mold is lifted up and slide to the rear side, the moulded parts are extracted and then dropped to the conveyor belt;

4) The middle mold resumed its place,meanwhile the moulded parts dropped are being conveyed toward the front the machine;

5)Operator check and debuur the moulded parts during the transferring of the parts.

6) Operator take out parts from the collection box.

As for the success of this solution, outstanding among the industry are the stability and reliability of whether the controller, the multi-cavity auto demolding system, the conveyor belt, or the coordination of different machinery.

36-cavity bushing; each cycle saving at least 2 minutes

Yizumi successfully developed this rubber injection solution after exchanging ideas with an Italian auto part manufacturer. Taking advantages of the multi-cavity auto demouding system with stable YL2-V440L performance and peripheral automation to mold 36-cavity bushings, the solution can remarkably reduce the dependence on the manual labor in production with each cycle two minutes less than the conventional solution. Besides, energy is also saved since there will be no sprue produced. And it is more user-friendly that the operator can put inserts into the mold at a safe and ergonomic distance.

Customers' needs are the source of innovation

"Yizumi team is very inclusive to our ideas. They like listening to us and trying to put our thinking into practice. What's more, their machiney is of good quality and performance." said an European customer who has cooperated with Yizumi for long.

The open-mindedness of Yizumi R&D team has contributed to innovation. Meanwhile, the stability and good integration capability of machinery is the guarantee for the success of the solution.

D1 Series: an Innovator in the Two-platen Trend

In recent years it has become a trend that the small injection molding machine is made all-electric, while the large machine is two-platen. The domestic two-platen injection molding machine, as a main force in this trend, has showed increasingly more occupancy in the marketplace. Yizumi, as a rising star in this market, based on the application experience of the original DP series two-platen machine, has developed a new D1 series two-platen injection machine in line with the proven IPD mode and the high technology introduced from Germany.

Focusing on the two-platen large-sized machine, the D1 series is dedicated to leading this trend. Centered on customers' need, the machine is very innovative and has been widely recognized with the advantages in the floor area, efficiency, repeatability precision of the opening and clamping position, low pressure mold protection, and equipment maintenance cost, etc. than the three-platen large-sized machine. The D1 series machine has good performance in the dry cycle time and stability thanks to its clear market positioning and product value proposition, based on which the R&D team has developed a series of solutions and testing and after improvement and optimization, eventually pushed it into the market in two years.

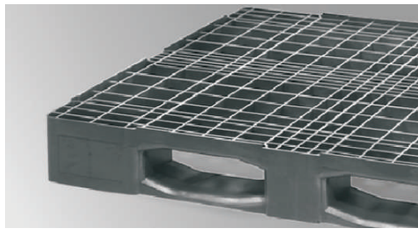
The technological innovation of the D1 series lies in two core values: fast speed and stability.

The D1 series has made a breakthrough in the dry cycle time and plasticizing efficiency. All procedures related to the dry cycle time have been optimized, mold-moving speed improved, and the brake structure is added with a patented design so that the fast synchronous collision-free brake function is realized while the brake speed is at about 0.2 to 0.5 seconds. Compared with the average three-platen injection molding machine, the D1 series two-platen machine has improved the dry cycle time by about 50% with the most appropriate hydraulic systems and oil-circuit design, and well-programmed control system. There is also noticeable improvement in the dry cycle time than the average two-platen injection molding machine.

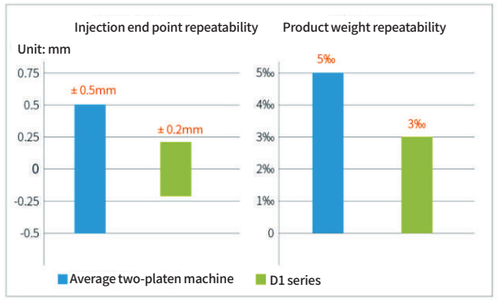
Deep-cavity products

Household appliances

Automobile parts



Logistics and building materials



D1

According to customers' feedback, the indicators of stability in their use agree with those in testing. For example, the repeatability of the ending points of mold opening and injection can be kept at ±0.2mm, and the repeatability of product weight won't be more than 3‰. Besides, the mold is protected in low pressure by adapting the "SmartClamp" control technology where the system decelerates in advance. Mold protection has also been more sensitive and reliable; even three pieces of A4 paper can trigger the alarm and protect the mold from damaging. This can dramatically reduce the failure rate and increase the stability.

The D1 series has set out on the two-platen trend, and will for sure achieve good performance based on the in-depth knowledge of the global market and customers' need.

Yizumi Factory Outlet

New service standard for the industry

YIZUMI Factory Outlet (YFO), as a future-oriented global service strategy, ensures the fast response and high controllability of services. For customers, we not only guarantee their safe production, but reduce the equipment shutdown risk to a large extent so as to improve their productivity.

"From pre-sale consulting to onsite installment and commissioning, from after-sale tour-inspection to part delivery and customer training , each of us has the experience of more than 300 cases to enhance your confidence in our services." said an experienced YFO engineer.

YFO

"From pre-sale consulting to onsite installment and commissioning, from after-sale tour-inspection to part delivery and customer training , each of us has the experience of more than 300 cases to enhance your confidence in our services."

365/24

The service hotline is available 24 hours a day, 7 days a week, and 365 days per year with over 100 maintenance experts on line all over the world.

72

The YFO covers 35 Chinese cities and 37 overseas places.

35,000

The YFO team has provided services for about 35,000 machines.

5

More than half of the YFO engineers have at least five years' experience.

5,000m^2

With a total area of 5,000 m^2, the spare part storage system covers 35 Chinese warehouses and 14 overseas part centers.

The worldwide part supply network ensures smooth, prompt and accurate part distribution

China 35 part centers and warehouses

Abroad 14 part centers in Indonesia, Malaysia, South Korea, Vietnam, Russia, Spain, France, Turkey, Israel, Poland, America, Iran, India and Brazil, etc.

Overseas service

Long-distance support: when there are complicated problems in the operation of machine, engineers of the headquarters will provide long-distance technological support for overseas agents or customers to solve the problems in time.

Pre-sales support: we have a team specialized in pre-sales technological support, and they will collect molding cases so as to provide solutions for overseas customers efficiently.

Communication: over 90% of our engineers can speak fluent English, which is conducive to solving customers' problems.

Six YFO Commitments

Pre-sales support:

1) customized solutions to machine selection
2) professional advice on plant layout
3) technology solutions before manufacturing

Fast distribution of spare parts

1) The same-day delivery rate reaches 97%

2) There are more than 7,000 different spare parts in storage with a total value of over RMB 10,000,000.

3) The key spare parts are produced by Yizumi or imported and some can be used in the machine made in 2002.

4) Every quarter the Chinese headquarters will replenish the spare part warehouses of overseas agents so as to satisfy the needs of customers.

Focus on the improvement of customer satisfaction

1) Promote fast response to reduce the machine shutdown risk to a large extent

2) Each service center will pay regular return visits to customers and conduct survey on customer satisfaction in order to understand their need promptly.

Preventive maintenance

Onsite inspections are organized regularly and resident service will be provided in key markets and customers' to ensure prompt service.

High-standrad training and practice

1) The service inspection and trainings of agents will be organized at least once a year.

2) Onsite commissioning and customer training service will be provided for Large machines (1400T and above)

Lifelong service

The lifelong maintenance are guaranteed beside a 13 months' warranty on the whole system

Preview of Overseas Exhibitions 2017

In 2017 Yizumi will continue to participate in all kinds of global exhibitions in the molding industry, so as to build more communication platforms and display our latest products and technologies. We hereby sincerely invite you to our exhibition booths.

20th International Fair of Plastics and Rubber Processing PLASTPOL
Date: May 23-26, 2017
Venue: Taigi Kielce Exhibition & Congress Center, Poland
Booth: G9

FIP SOLUTION PLASTIQUE 2017
Date: June 13-16, 2017
Venue: Eurexpo, Lyon, France

M'SIA-PLAS 2017
Date: July 27-30, 2017
Venue: Putra World Trade Centre, Malaysia

Iran Plast 2017
Date: September 26-29, 2017
Venue: Tehran Permanent Fair Ground, Iran

Equiplast 2017
Date: October 2-6, 2017
Venue: Fira de Barcelona, Gran Via, Spain

Pack Print Plas Philippines (Manila) 2017
Date: October 12-14, 2017
Venue: SMX Convention Center Manila, Philippine

Andina-Pack 2017
Date: November 7-10, 2017
Venue: Corferias Bogoda Exhibition Centre, Columbia

Moldplas 2017
Date: November 8-11, 2017
Venue: ExpoSalao, Batalha, Portugal

Plastics & Rubber Indonesia 2017
Date: November 15-18, 2017
Venue: Jakarta International Expo, Jakarta, Indonesia

Plast Eurasia Istanbul 2017
Date: December 6-9, 2017
Venue: Tüyap Fair Convention and Congress Center, Istanbul, Turkey

Free Subscription

Welcome to subscribe!

Founded in 2009, Craft has been well received by our customers. As a magazine to communicate the core values of Yizumi, Craft focuses on the trend and development of the molding industry and aims to provide valuable information for our customers.

Ways to get a free subscription and give feedback:

1. Send your contact information (name, corporation, position, phone number and email address) to limiaoxian@yizumi.com.

2. Follow our official Wechat – "yizumiwx " and send your information (Craft+ name+ corporation+ position+ phone number+ email address) to the editor.

3. If there is any feedback about the magazine, please send an e-mail to limiaoxian@yizumi.com and we will respond to you as soon as possible.

The collision of ideas will generate sparks of wisdom. Yizumi is looking forward to having more communications with you.