

CYBER WORLD



Opening
the New Year

**New Year's
Greeting**

**MECT 2015
EMO 2015**

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Museum of Art

2016
No. 47



NEW YEAR'S GREETING» 2016 Mazak

Tomohisa Yamazaki, President of Yamazaki Mazak Corporation



I wish you a Happy New Year.

In the previous year, concerns such as an economic slowdown in China, the Greek sovereign debt crisis and decreases in the prices of oil and other resources constrained economic growth. Overseas market conditions for the machine tool industry, to which Yamazaki Mazak belongs, also deteriorated compared with the year before. On the other hand, market conditions in Japan remained stable on the whole partly due to the measures to support capital investment taken under the growth strategy of the Japanese government.

In recent years, business models based on the Internet such as Industry 4.0 and the Internet of Things (IoT) have become widespread. In the manufacturing industry as well, it is expected that companies can significantly improve productivity and provide sophisticated customer services by connecting the entire internal value chain including procurement, production, sales and services, as well as the external supply chain, on a network and collecting and using a wide range of data.

Yamazaki Mazak has operated a "Cyber Factory" in the facility located at company headquarters since 1998 to control all information on production including the operation status of facilities in the plant, machining programs, tools and production schedules on PCs in the office in order to improve production efficiency and speed.

Based on the expertise accumulated through the operation of this cyber factory, along with the latest information communication technology, we have been working since 2014 to establish a smarter and more sophisticated version of the cyber factory to be called the "iSMART Factory™". The iSMART Factory™ is a next-generation production plant based on Smooth Technology, which centers on the MAZATROL Smooth series, the new CNC system released in the autumn of 2014, as well as the latest IT technology, and by combining unique automation technologies accumulated by Mazak as a machine tool manufacturer.

Efforts to establish an iSMART Factory™ have already been launched at the Oguchi Plant in Japan as well as in our plant in the United States. We plan to introduce iSMART Factory™

into our production plants around the world while employing new technologies as they become available. We are confident that our own efforts to practice next-generation manufacturing in the internal iSMART Factory™ will allow Mazak to create new products and total solutions and provide customers with higher quality products and services.

Yamazaki Mazak has 79 support bases, which offer sophisticated before and after sales service and support, in Japan and other countries to build long-term relationships of trust with customers around the world. We will maintain the investment for the supply of quality services to our customers.

Mazak is scheduled to open the new Setouchi Technology Center in April of this year in Okayama Japan (southern Japan). The center will feature the exhibition of many large machines for shipbuilding and other heavy manufacturing sectors. We consider that the services offered by the center can be used by customers in this region. Overseas, the Hungary Technology Center will open in the spring of this year as well. We will further enhance our support system in Central and Eastern Europe with the new center along with the existing centers in the Czech Republic and Poland.

Since the supply of maintenance parts plays an important role in after-sales service, we substantially expanded the European Parts Center in Belgium in the spring of 2015, which has enabled us to deliver maintenance parts to our customers in Europe more quickly.

In China, we plan to open the China Parts Center in a site adjacent to the existing Shanghai Technology Center in May this year. We are confident that the new center will improve the quality of our after-sales service through prompt delivery of maintenance parts to our customers across China.

Yamazaki Mazak will continuously work to be a good partner for customers around the world through the concerted efforts of all group employees in this new year. I wish for your good health and success and look forward to your continued support.



MECT 2015
MECHATRONICS TECHNOLOGY JAPAN

Introduction of the latest machines incorporating Smooth Technology

Mechatronics Technology Japan (MECT) 2015 was held at Port Messe Nagoya in Minato Ward, Nagoya from October 21 to 24, 2015. MECT is one of the largest machine tool exhibitions in Japan held in odd-numbered years in the center of Japanese manufacturing. The event featured 1,915 booths of 444 domestic and international companies and organizations and received a total of 94,124 visitors (up 0.4% from the previous event) during the four-day period, which was the largest number in its history.



INTEGREX i-400 AM

As overall visitors at the exhibition increased, Mazak's booth also received 30% more inquiries than the previous event. Visitors packed the area around each of our exhibits including six machine tools and a laser processing machine. Among the machine tools, the INTEGREX i-400 AM, a hybrid multi-tasking machine that also performs additive manufacturing, and the VERTICAL CENTER PRIMOS 400 S, a vertical machining center produced in Singapore that was unveiled in Japan for the first time, drew considerable attention.

- 01. The K.O.7 automobile was displayed in the center of the booth. This was designed by Ken Okuyama, the industrial designer that works in collaboration with Mazak. Many components of this automobile were produced by Mazak machines
- 02. The booth was crowded with many visitors
- 03. Mazak actually machines demonstration workpieces during the exhibition
- 04. In the MAZATROL SmoothX, SmoothG and SmoothC section, the presenter provided a detailed explanation for each visitor

Three new CNC systems, the MAZATROL SmoothX, SmoothG and SmoothC were displayed. The versions that attracted particular attention were the MAZATROL SmoothG and SmoothC, as the SmoothX series were released at JIMTOF2014. They are the core of the Mazak Smooth Technology, and completed the development of systems for the respective models, which range from CNC turning centers to machining centers, 5-axis machining centers and multi-tasking machines. Among the machines exhibited, the INTEGREX i-200S, i-400 AM and VARIAXIS i-600 were equipped with the SmoothX while the QUICK TURN 200MY and VCN-430A were equipped with the SmoothG and SmoothC respectively. Many visitors paid close attention to the demonstrations showing the smooth operation of these new systems. In the Smooth Process Support section, the presenter explained peripheral software that can be effectively used to realize a new production method.



01



02

03

04



Introduction of New CNC Systems

EMO MILANO 2015, one of the world's largest international machine tool trade shows, was held from October 5 to 10, 2015 at the Fiera Milano Exhibition Center in a suburb of Milan, Italy. The theme was "Let's build the future." The event with 1,600 domestic and international exhibitors received approximately 155,000 visitors in total during the six-day period.



Milano, Italy



VARIAXIS i-1050T

The exhibition area was expanded by about 26% to roughly 120,000 m² compared with the previous event. The 2015 event had a more positive atmosphere than the previous one held six years earlier in the midst of the global economic recession. While Asian visitors increased on the whole, Chinese and Indian visitors decreased probably due to the influence of the economic slowdown in these countries. In the exhibition, the interest of users was reflected in the overall increase in the proposals of applications of CNC functions and related software.

- 01. Machines with new CNC systems on display
- 02. McLaren Honda's racing car on display
- 03. Mazak booth reception desk
- 04. The MAZATROL SmoothX, SmoothG and SmoothC made their debuts in the European market and received close attention

Vertical machining center developed in the UK to target the European market

In response to such a trend, Mazak displayed the newest models of the MAZATROL Smooth CNC system – the SmoothG and SmoothC, as well as applications compatible with them, near the entrance of the booth. The SmoothG and SmoothC, which made their debuts at this event, drew considerable interest from European visitors and we were asked many questions about their functions and operation. Among the new machines, those with new technologies such as the INTEGREX i-400 AM, a hybrid multi-tasking machine, and the VARIAXIS i-1050T, a simultaneous 5-axis machining center with turning function, attracted attention. As the event was held in Milan, the VTC-800/30SLR, a vertical machining center developed in the UK plant to target the European market, also had a strong presence.



01

COMPANY PROFILE ///

Customer Report **01**
 Japan Hikoyama Seiki Co., Ltd.



Hikoyama Seiki Co., Ltd.
 Representative Director : Osamu Hikoyama
 Address : 2603-4 Hiratsuka, Shiroy-city, Chiba
 Number of employees : 50
 www.hikoyama.com



Customer Report **01**

Our product is "precision", not just "parts"

Japan Hikoyama Seiki Co., Ltd.



Woodcuts are printed one by one while a printer can print many copies automatically. The difference is in the ability to operate continuously. Continuous production cannot be achieved without rolls. Hikoyama Seiki Co., Ltd., which is located in Shiroy, Chiba (near Tokyo), is a manufacturer specialized in rolls including suction rolls, coater rolls and transfer rolls for optics. The company also supports the production of leading-edge products such as LCD TVs, smartphones, lithium-ion batteries and carbon fiber.



02



03

- 01. The lightest and highest precision rolls in the Kanto Region (central Japan) are produced with Mazak machines
- 02. An operator handles multiple POWER MASTERS used to process rolls
- 03. Mr. Osamu Hikoyama, the representative director (second row center) and employees

Hikoyama Seiki was founded by Mr. Toshihiko Hikoyama, father of Mr. Osamu Hikoyama, the current Representative Director, under the corporate name of Hikoyama Seiki Works Co., Ltd. in 1965. The founder quit his job in a gravure printer manufacturer where he held a sales position, and then launched a business to manufacture rolls, a key component of printing machinery. When demand for paper printing declined as a result of the widespread use of information technology, Hikoyama Seiki quickly shifted the focus of the business to rolls for the production of different types of film. "Rolls by themselves are just parts, but our customers need them to make their products. Nevertheless, the level of precision and quality required by the customers has risen by 100 times since my father's days. Fortunately, we have a large quantity of data in the records of trial-and-error efforts to achieve target precision, and they serve as a foundation of our technical capacity," stated Mr. Osamu Hikoyama while mentioning the company's responsibility for precision.

before retirement. It is because we create precision with the rolls"



INTEGREX multi-tasking machines installed in a windowless factory. A new plant is scheduled to be completed in 2016

Aggressive capital investment attracts orders
 "Introduction of a new machine does not only improve productivity but also helps employees become more ambitious. As we have many young employees, a new machine stimulates them and vitalizes the company. Our capital investment is not linked to economic conditions. We introduce equipment not to respond to orders but to attract new orders. Nevertheless, we always listen to our customers to avoid investment that does not meet their demands, which would cause damage to us." In the 1960s, shortly after its foundation, Hikoyama Seiki introduced a REX4000, an engine lathe manufactured by Yamazaki Machinery. "My father selected the machine because it was user friendly and suitable for our job to process rolls." The company's policy to spare no expense in capital investment has been handed down over the years. In fact, it has regularly employed Mazak machines including a POWER CENTER V15D machining center in the 1970s, Mazak's large POWER MASTER CNC turning center in the 1980s and the INTEGREX series in the 1990s. The number of Mazak machines currently in operation is about 40.

Good products are created in a pleasant working environment
 "We can know whether or not we have achieved the precision we seek only after measurement, so we have a strict inspection system in consideration of the circumstances of customers." The inspection system is not Hikoyama Seiki's only measure to improve precision, which is vital for the company. The improvement of precision is also supported by a wide range of systems adopted in the manufacturing field including robust machine foundations, construction of windowless factories and various temperature control measures to minimize thermal displacement.



Mr. Hikoyama's warm personality can be felt in the company atmosphere

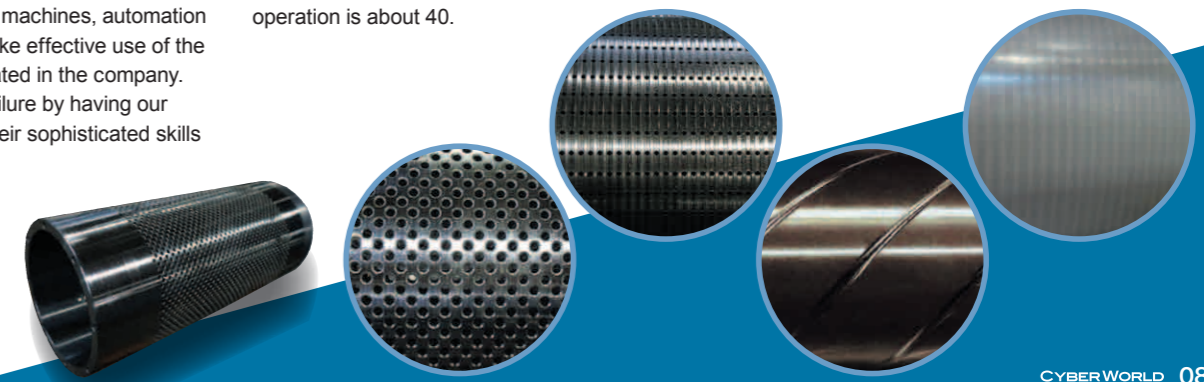
"I pay attention to the working environment because when I grew up I constantly heard my father say that good products are created in a pleasant working environment. It may also be a reason that I saw him not sitting in the president's chair but working in the shop covered in oil." Mr. Hikoyama has been the representative director for three years, and his business style to pursue precision, which was handed down from his father, is further enhancing the reliability of the company as its main products also do.

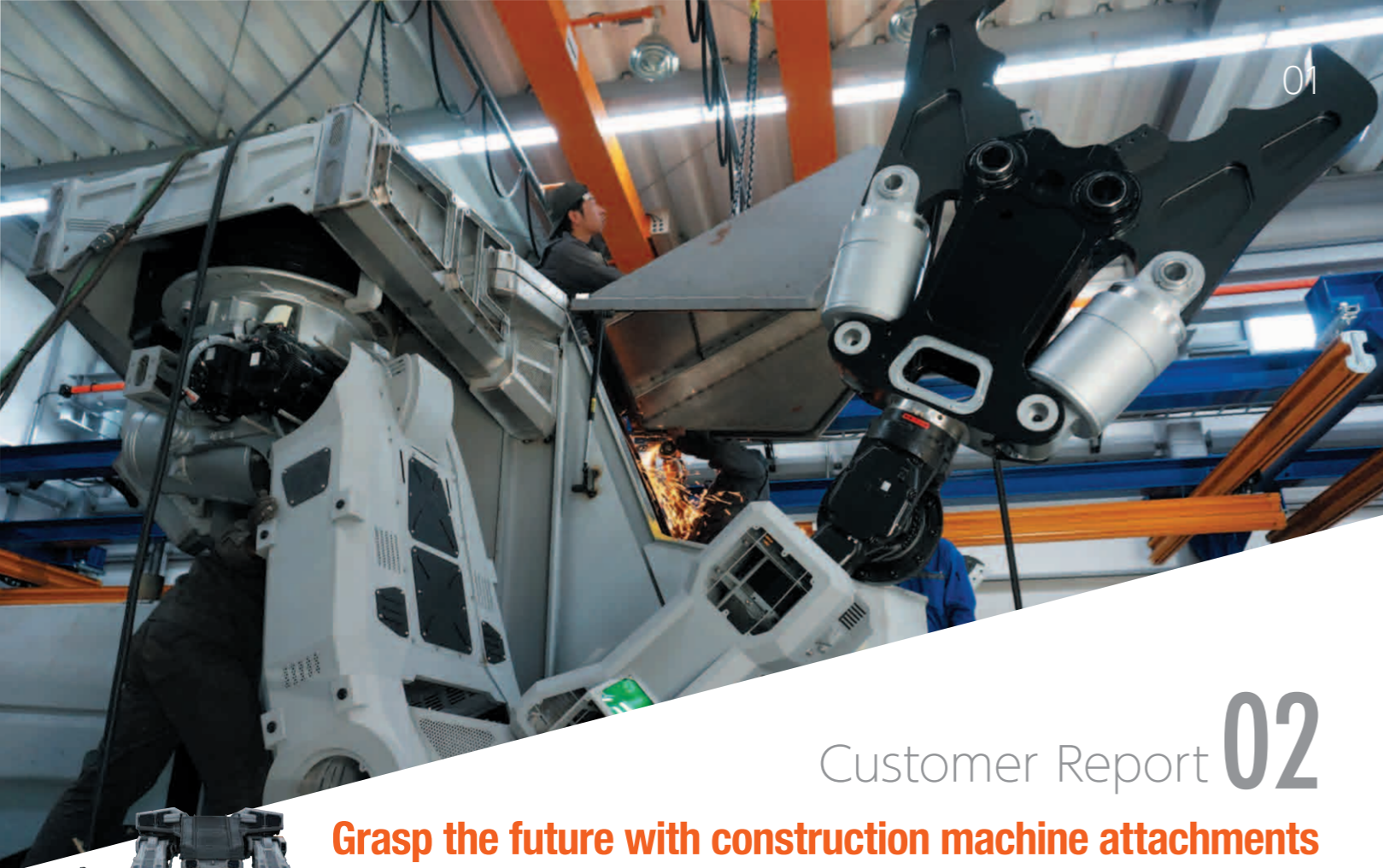


INTEGREX e-500H II machines rolls in a single machine setup

Hikoyama Seiki attaches importance to introduction of the latest machines, automation systems and tools to make effective use of the technical skills accumulated in the company. "Our aim is to prevent failure by having our craftsmen hand down their sophisticated skills

▶An example of roll machining by the INTEGREX with high precision small diameter hole drilling





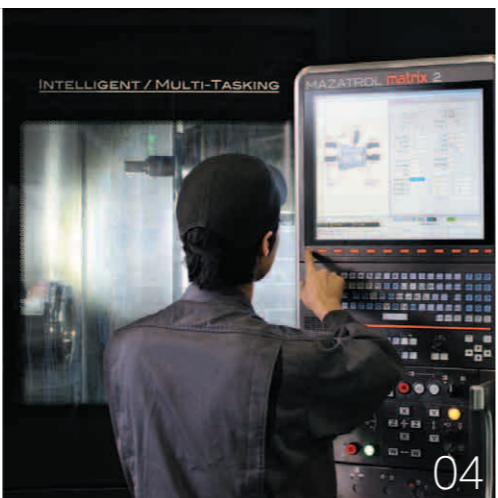
Customer Report 02

Grasp the future with construction machine attachments



Japan TAGUCHI Industrial Co., Ltd.

Construction machine manufacturers are a major market for machine tools, and construction machines are roughly divided into machines for scrapping and for building as the Japanese phrase "scrap and build" indicates. TAGUCHI Industrial Co., Ltd. in Okayama (southern Japan) mainly manufactures attachments of machines for "scrapping" or demolition in an integrated manner. Among more than 40 types of products manufactured by the company, its products for "grasping" have a leading share in the Japanese market.



- 01. Assembly of the SUPER GUZZILLA is like a scene from a movie
- 02. Employees in the Mazak machining area
- 03. Construction machines equipped with a crusher/grappler manufactured by the company
- 04. Young employee skillfully using MAZATROL

COMPANY PROFILE



TAGUCHI Industrial Co., Ltd.
 CEO : Yuichi Taguchi
 Address : 561-1 Hirano, Kita-ku, Okayama-city, Okayama 701-0151
 Number of employees : 250
 www.taguchi.co.jp



TAGUCHI Industrial was originally established as Sanyo Welding Industrial in 1957. On the back of strong demand for land development just before the rapid economic growth, the company solidified its management base with a business to remanufacture perishable components for construction machinery. The company was reorganized into a private company, Sanyo Welding Industrial in 1962, and changed to the current organization in 1985. In the same year, TAGUCHI Industrial released their first product GRASPER V for separation and loading of waste materials after building demolition. This was developed by the late Mr. Takeo Taguchi, the founder and also a welder with the pride of a craftsman, who modified a product that the company had made for a shovel manufacturer.



V3 in the Grasper Series supports the company's growth

In 1993, TAGUCHI Industrial developed the GUZZILLA Pulverizer to pulverize concrete and other material, which aimed for removal prior to new construction work. The GUZZILLA series was continuously expanded with the addition of the Cutter in 1998 and the DS Primary Crusher in 2005 among others, and the company established a solid position as a manufacturer specialized in construction machinery attachments. "While there are companies that are good at manufacturing products for either grasping or demolition, we are the only company engaged in both types of products," said Mr. Yoshihiro Aoki, the president, who emphasized the difference between the company and its competitors.

Production lead time was reduced by 40% through automation

TAGUCHI Industrial, which also runs a rental business in addition to manufacturing, has established an integrated production system for processes starting from flame cutting to various types of machining, assembly and shipment. As a result, the proportion of the internal processes (excluding plating and hardening) has reached 90%. "We internally produce hydraulic cylinders, a key to smooth operation, as well. They are also the most important parts in the GUZZILLA series, and we therefore think that it is our mission to deliver quality ones."



The history of the company was reflected on by Mr. Yoshihiro Aoki, president (left), and Ms. Eiko Taguchi, spokesperson

To ensure accomplishment of the mission from the aspect of machining, the company introduced four units of the INTEGREGX series, which consisted of one e-500H-S, one of i-400S (with GL-400F) and two i-300S (with GL-300F), in July 2015 to set up a Mazak machining area. "Their full-scale operation changed our view on multi-tasking machines. They have outstanding rigidity and are fully supported by the MAZATROL CNC. It was amazing to see our young operators skillfully use them with ease although they had trouble with the operation of machines from other manufacturers. The compatibility with 24-hour automatic operation was also attractive. The production lead time was reduced by 40% after their introduction."

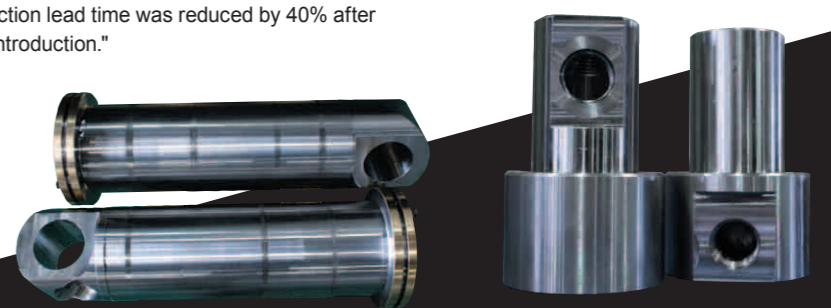


Machining area composed of the INTEGREGX series to process main components of the GUZZILLA

SUPER GUZZILLA expected to contribute to human resource development

While promoting a business of machines for demolition, TAGUCHI Industrial is also committed to "creation of the future." An example is its project, the SUPER GUZZILLA, which is a "next-generation armored demolition machine." "While we handle generally uncommon products, this project is a method to describe our main business in an easily understandable way. We aim to expand our presence through a commitment to the robot area, as well as with the latest game applications. The production of the machine also helped our staff improve their welding and machining skills. We would be happy if children become interested in the project and work for the development of heavy demolition machines in the future." The SUPER GUZZILLA is a manned robot equipped with a cockpit and robot arms. The cutter on the left arm and the primary crusher on the right arm are made of aluminum and can be moved smoothly. Set on a wheel loader, the robot can advance independently. When displayed in Tokyo last summer, adults found it more fascinating than children. In addition to grasping waste materials, grasping the future is also a mission of the SUPER GUZZILLA.

Hydraulic cylinders essential for the company's products





01

Customer Report 03

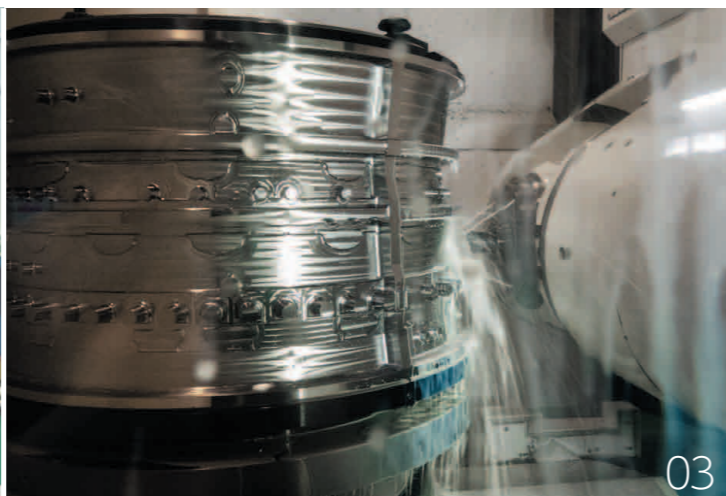
Strongest presence in the fields of aerospace and energy

Singapore JEP Precision Engineering Pte Ltd

Located in north Singapore, Seletar Aerospace Park is a major business base of maintenance, repair and overhaul (MRO) for the aerospace industry. With the support of the national government in this rapid growing industry, JEP Precision Engineering Pte Ltd (JEP) was allocated a piece of land in the Aerospace Park for expansion. This is one of the most advanced facilities and it grew by 10% per annum in average over the last two decades. JEP announced a plan to establish its facilities in the industrial complex in November 2014. The company is conspicuous as one of the largest Singaporean businesses in the aerospace sector.



02



03

- 01. Forged parts for aircraft are finished in high precision with 5-axis processing machine VARIAXIS
- 02. Mr. Joe Lau, President (center), and Mr. Soh Chee Siong, Chief Executive Officer (left), with Dick Lui, Mazak's sales manager
- 03. Machining of an engine case with a multi-tasking machine. The capacity to address complicated shapes is the strength of the machine and helps the company expand its business

COMPANY PROFILE



JEP Precision Engineering Pte Ltd

Executive Chairman of JEP Holdings : Joe Lau
 Address : 46 Changi South Street 1 Singapore 486761
 Number of employees : 236
 www.jepprecision.com.sg



Customer Report 03

 Singapore JEP Precision Engineering Pte Ltd

New base in the industrial complex where aircraft-related businesses are concentrated

The turnkey business is also supported by human resources, and the open atmosphere that encourages communication between employees irrespective of the hierarchy or position in the company is of assistance in human resource development. "We have a corporate culture that allows field staff to express an opinion without hesitation and the top management regularly reports the situation of the company. Such a work environment sustains our growth." Establishment of facilities in Seletar Aerospace Park is a project that depends on the comprehensive strength of the company including hardware, such as facilities and equipment, and software, such as human resource development and labor management. "The development of the new base will allow us to build close relationships with aircraft-related companies around the world and provide us with new business opportunities." The new base will further stabilize the business management of JEP, which aims to develop global business activities.



INTEGREX i-300 and many other Mazak machines play important roles in the plant

INTEGREX machine reduced the cycle time by 25%

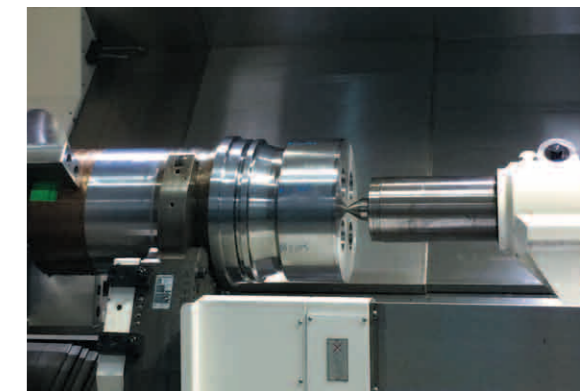
"Our strength includes the well-equipped facilities that support the turnkey business, which is the core of our operation, as well as experienced and passionate employees. In the plant, Mazak machines such as 5-axis machining centers and multi-tasking machines are installed in an orderly manner, and well-trained operators handle them skillfully." The company has accumulated skills to process difficult-to-cut materials such as Inconel, titanium and stainless steel, as well as aircraft parts made of aluminum and other materials that require high-speed machining, in cooperation with Mazak. "Mazak is truly reliable as a pioneer in this field. The INTEGREX series, which are based on the concept of DONE IN ONE, are especially suitable for our production activities. In fact, in the machining of certain parts, the cycle time has been reduced by 25%. The machines enabled us to process complicated parts and accordingly expand our business. Mazak's advanced technologies and equipment thus greatly help our company maximize its competitive power and profit."

JEP is a Singaporean company founded by Mr. Joe Lau in 1990, and the area of its production facilities was expanded from 10,000 m² at the time of foundation to 120,000 m² during the period of his presidency. The company is well-known not only in the country but also across Southeast Asia. Since the foundation, JEP and Mazak have worked together through Mazak's local affiliate Yamazaki Mazak Singapore (YMS), and Mr. Lau says that they have a tie that is stronger than just a business relationship. JEP has engaged in the machining of high precision parts for the industries of aerospace, energy (oil and gas) and electronic components (semiconductors and precision instruments) since its foundation. In particular, the company has a strong presence as a giant representing the country in the fields of aerospace and energy.



Horizontal machining center MEGA 8800 and large multi-tasking machine INTEGREX e-1060V/6 II are installed along with other machines

In fiscal 2014, 68% of the orders received by JEP were from the aerospace industry while 27% of them were from the energy sector and 5% for electronic parts. As all of these industries are moving fast, the company promotes a turnkey system, which offers the entire processes from parts design to machining in an integrated manner, to improve work efficiency and shorten the delivery time. "Our efforts to improve work efficiency and shorten the delivery time are assisted by the quick services and support system of YMS, which can offer a wide range of spare parts."



An energy-related part is processed with SLANT TURN NEXUS 550



▶ Landing gear component produced by JEP

MAZAK PEOPLE

Yamazaki Mazak Singapore / Machine Tool Assembly Department

 **Mr. Neo Kian Siong**

Working to build good relationships with subordinates

Yamazaki Mazak operates many bases in Japan and other countries for various functions such as production, sales and before and after-sales service and support. MAZAK PEOPLE introduces employees who are active in the forefront of the Group companies. This issue features Mr. Neo Kian Siong, who is working for Yamazaki Mazak Singapore (YMS), Mazak's main production base in Southeast Asia. Having a major in mechanical engineering, he has worked for the company for 19 years and has a lot of experience.

PROFILE >> Mr. Neo Kian Siong

Born in Singapore in 1972, Mr. Neo joined YMS in October 1996, and has belonged to the Mechanical Assembly Department since 2014. He likes swimming and travelling, and spends time with his family including wife, son and parents on weekends.



— Did you know Mazak before you joined the company?

Of course I did. In Singapore, Mazak is known as a stable large company, and is a popular company to work for. I belonged to a local company before joining Mazak, and regarded the company as something special.

— What jobs did you do after joining Mazak?

First, I was assigned to operate laser processing machines and press brakes. I was then promoted to a senior technician and transferred to the Design & Development Department to operate MAZAK SMART SYSTEM, which is CAD/CAM software for sheet metal, and design programs for laser processing machines. After that, I assumed the position of assistant supervisor in the Fabrication Department to supervise welding and powder coating sections along with machines and software. Two years later, I was promoted to supervisor.

— What is your current job?

I am in charge of the assembly of machining centers and lathes in the Assembly Department. My duties are wide ranging, from the preparation of assembly plans and schedules, to attendance at relevant meetings, scheduling with sub-contractor and supervision of assembly.

— What is your approach to the job?

I always try to do a quality job in a highly productive manner and build good relationships with subordinates. That is why I feel proud every time they work hard and successfully export machines by the deadline despite a tight schedule.

— What do you pay particular attention to concerning personal relationships?

It is natural that each subordinate has a different personality. Based on it, I try to motivate them and make them realize that they are important assets for the company. Motivated subordinates also have higher productivity. So I pay attention to maintaining good relationships with my subordinates.



Guidance on assembly of a spindle

For example, when a subordinate has some problem, I listen to him/her and try to consider how to solve it together. I also try to be near my staff to understand them.

— What will you focus on in your work from now on?

Although I have worked for the company almost 20 years, my experience in the current position is not sufficient. So I want to be able to perform the current duties perfectly and hope to make a company-wide contribution as soon as possible.



Training in Mazak Dojo (training facilities)



Mr. Neo is working for schedule management at an office in the plant

"A recruiting ad in a newspaper was the beginning. I applied for it not just because Mazak was a famous company but also because I thought I could take advantage of my expertise," said Mr. Neo, looking back on how he joined the company. He first received training on laser processing machines and CAD/CAM software in Japan, and then belonged to various sections. His characteristic diligence and abundant experience in the field are strongly supporting YMS in its further development.

Mr. Neo's business tools

Excellent business persons have essential items they need to always keep for business. Mr. Neo particularly recommends the following item :

Family photo

I keep this family photo in my smartphone because my family is a crucial part of my life. My wife and I share the goal of working hard to help our son live a happy life. When I get tired from work or confront a problem, this photo encourages me and makes me feel that I can tackle any difficulty.



News & Topics

The Mazak baseball team wins the baseball tournament of the machine tool industry for the first time

The Mazak baseball team participated in the 56th Japan Machine Tool Builders' Association Baseball Tournament held at the sports ground of the Oi Central Seaside Park in Tokyo on August 20 (Thu) and 21 (Fri), 2015.

The 3-year-old team played hard together for the victory and won the tournament. Although the players were physically tired with the successive games in the summer heat, they ran, hit and fielded well, and the pitchers especially performed outstandingly. As a result, the team realized the long-cherished dream.

Mr. Ochiai led the team as the captain, and said after the games, "We will be in a position to be targeted by other teams after next year. We will go back to basics and be seriously committed to baseball for titles." We look forward to your continued support for the Mazak baseball team.



The Mazak baseball team with the trophy

 High-accuracy, 5-axis simultaneous vertical machining center designed for large workpieces
VARIAXIS i-1050T



Rigid #50 taper spindle plus turning capability completes the machining of complex workpieces in a single machine setup



Table size	ø1050 mm (ø41.34")
Max workpiece size	ø1250 × 900 mm (ø49.21" × 35.43")
Travel (X/Y/Z)	1200 / 1385 / 900 mm (47.24" / 54.53" / 35.43")
Tool capacity	30

This Issue's Cover



Meet SUPER GUZZILLA, a heavy machine-like robot equipped with the crusher and cutter of GUZZILLA made by TAGUCHI Industrial Co., Ltd.

The Yamazaki Mazak Museum of Art was opened in April 2010 in Aoi-cho, the heart of Nagoya in order to contribute to the creation of a rich regional community through art appreciation and, consequently, to the beauty and culture of Japan and the world. The museum possesses and exhibits paintings showing the course of 300 years of French art spanning from the 18th to the 20th centuries collected by museum founder and first museum director Teruyuki Yamazaki (1928 - 2011), as well as Art Nouveau glasswork, furniture, and more. We look forward to seeing you at the museum.



THE YAMAZAKI MAZAK MUSEUM OF ART
Collection Showcase 1



DENIS, Maurice [1870-1943]
"The Month of Mary in a Spring Landscape"
1907
Oil on canvas

DENIS, Maurice "The Month of Mary in a Spring Landscape"

May is the Month of Mary in the Catholic liturgical calendar. May 31 is a feast day celebrating the Visitation, Mary's visit to her cousin Elizabeth, who recognized that the child that Mary was carrying was the Son of God. It is a day for remembering the Virgin Mary, the woman who served as the vessel for the birth of the Savior, Jesus Christ. Spring comes late in northern Europe, but by May new leaves are emerging and flowers are blooming luxuriantly. The most beautiful and joyous season of the year is set aside to celebrate the Holy Mother Mary and her son Jesus. Faithful women surround the Mother and Child, singing celebratory hymns. There is abundant use of white in Denis's color scheme, corresponding to the purity of the Holy Mother. The reverent atmosphere is enhanced by the bold contrasts between light and dark and the subtle texture created by the reflection of light from fine particles of pigment, reducing the luster of the oil medium. The setting of this paradise inhabited by the Holy Mother is on the banks of the Seine. Adaptations of Bible stories of this sort heightened the popularity of Denis as a Biblical painter.

THE YAMAZAKI MAZAK MUSEUM OF ART
Collection Showcase 2

TIFFANY, Louis Comfort "Dragonfly table lamp"

Louis Comfort Tiffany was the son of Charles Lewis Tiffany, the founder of Tiffany and Co., the world famous jewelry store on Fifth Avenue in New York. He studied painting for a year in Paris, beginning in 1868, and he organized an interior design company in 1878. In 1893, he built a glass factory in Corona on Long Island, and the following year registered the trademark for Tiffany favrile glass. His work won the grand prix and a gold medal at the Paris Exposition Universelle in 1900. He was also inducted into the French Legion of Honor and earned international fame. That same year, he gave his company the name Tiffany Studios. He was active as a designer and manager of a glass factory that made an important American contribution to Art Nouveau. He became popular for his blown-glass vases, large works of stained glass, and stained-glass lamp shades. In 1928 he closed the glass manufacturing part of his business and in 1932 closed Tiffany Studios itself. This was probably because of the effects of the Great Depression. He died in New York in 1933, but the many beautiful glass products created by Tiffany have enjoyed a very high reputation ever since, especially in America. Replicas of the glass shades of his table lamps have been produced in large quantity. This lamp has a shade composed of marbled glass, milky white with different shades of green. Several oval cabochons of translucent yellowish green glass are inlaid like drops of liquid between the wings of the dragonfly. Translucent oval orange and yellow cabochons are embedded in the opal glass. The body of the dragonfly is yellowish green, the eyes are red, and the wings are made of marbled glass with green and red stripes. The lower edge of the shade has scallop projections that make it different from other models with a plain edge, and the heads of the dragonflies are designed to protrude below the edge. The bronze base is constructed so that the height of the central post can be adjusted, reaching a maximum height of 109 centimeters.



TIFFANY, Louis Comfort [1848-1933]
"Dragonfly table lamp"
1900-10