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NEWS

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Interview on Manufacturing

Our Message for MEX Kanazawa 2023 Visitors

The Future of Machine Tools: Our Vision

WORK&SOUL

Kamiyama Tekko Co., Ltd.

information

Company Initiation Ceremony FY 2023 / Strolling Through TAKAMAZ

Traveling the Hokuriku Area to Experience Craftsmanship

A wonderful stroll through “the town of soy sauce” by the Kanazawa Port



Cover photo: Kanazawa Port Cruise Terminal

Kanazawa now has a new entrance for people traveling by sea: Kanazawa Port Cruise Terminal. This photo was taken on its observation deck featuring an eye-catching roof evocative of the Sea of Japan's white cap waves.

TAKAMAZ

TAKAMATSU MACHINERY
PR Magazine Spring 2023

Our Message for MEX Kanazawa 2023 Visitors

The Future of Machine Tools: Our Vision



The Machinery & Electronics Exhibition in Kanazawa (MEX Kanazawa) 2023 will be held from May 18 to 20, 2023. Find out all about the highlights of our booth for this exhibition through this interview with two members responsible for planning the booth.

presents new products twice a year, in the spring and fall. One of those settings is MEX Kanazawa, which is held in our hometown. We regard this exhibition as a place to promote our company and products to not only industry members, but also the local community at large. Our goals for the exhibition include making TAKAMAZ more known and having local students and children experience the fun of working with machines. I'm especially looking forward to communicating with people without masks for the first time in several years now that the COVID-19 pandemic has ended. We have ideas for setting up a presentation area inside the booth where engineers will give talks a few times a day, and also a demonstration area where children can operate robots.

Since many visitors come with their family, MEX Kanazawa is not just a business fair. Fathers and mothers who work in the manufacturing industry bring their children; it is also a casual event that locals can enjoy.

General Manager
Domestic Sales Dept.
Yoshikiyo Yamazaki



Executive Officer
General Manager
Technical Development Dept.
Makoto Yamano

General Manager
Domestic Sales Dept.
Yamazaki

The automotive industry is undergoing a major, once-in-a-century transformation. In order to survive these times, we need to take command of how we respond to the business environment and what to communicate.

We want to provide future-oriented opportunities at MEX Kanazawa 2023 by taking on new challenges, including the development of products that contribute to carbon neutrality and SDGs, as well as working on initiatives for automation outside the automotive industry.

Executive Officer
General Manager
Technical Development Dept.
Yamano

The Technical Development Department

At the same time, this event is also a great opportunity for exchanging views on the latest machine tool trends and the future.

Yamazaki

Our booth at MEX Kanazawa 2023 will be based on three concepts: Carbon Neutrality, Automation, and Digital Transformation (DX).

Yamano

The XTS-6 and XWG-3 models, the main features of this year's booth, are truly symbolic of our company. Small in size, they can largely contribute to energy conservation, SDGs, and carbon neutrality.

As more and more companies are facing the challenge of labor shortages, we hope to communicate that TAKAMAZ can also contribute to saving labor and improving labor efficiency.

Yamazaki

The EV wave is bringing changes at a speed far beyond what even people like us in the automotive industry can imagine. Competition is expected to intensify for motors, a structure with fewer parts than internal combustion engines. Under these circumstances, our challenge is to create new values for tackling the market.

Yamano

Having said that, while the number of engines may indeed decrease with the transition to electric vehicles, this doesn't mean that

there will be fewer cars. It's true that the markets we should be working on are changing in terms of drive systems like transmissions and brakes, suspension systems, and control and electrical systems.

Yamazaki

Showcasing a product developed in collaboration with a German machine tool manufacturer at MEX Kanazawa is part of this shift, and we're feeling that it's attracting a great deal of attention. Let's take the example of process division and process integration.

The increase in high-mix, low-volume production in response to diversifying needs is leading to European-style process integration. Naturally, the roles and characteristics of machine tools must also change accordingly.

The EV transition is a tremendous change for companies and people involved in the automotive industry. We need to pay close attention to how we respond to these changes and what lies ahead of them.

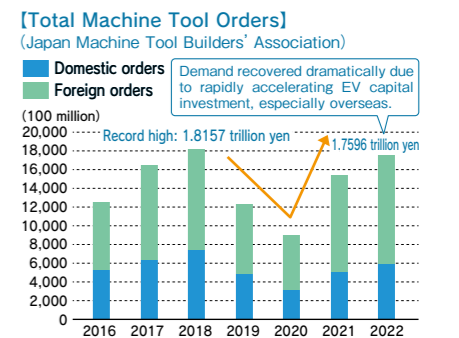
Yamazaki

It's said that Japan's labor force has declined by 20% in the wake of the COVID-19 pandemic. Efforts to reduce overtime work as a way to achieve carbon neutrality are also contributing to labor shortages. The reality that the number of skilled workers and engineers is decreasing has created needs for automation and process integration.

Yamano

That's right. The trend of current customer needs is shifting from machining to control. These days we receive surprisingly specific questions from customers, such as how much energy per product is required when manufacturing with a particular model! If we were to liken them to cars, the products we plan to display at MEX Kanazawa have a "start-stop system" and "eco mode." At the booth, we will be able to discuss these features at length with visitors while viewing the actual machines.

The Hokuriku region, where our company is headquartered, has a thriving manufacturing industry, yet not many of our users are located here. At times we actually feel a "distance" with local manufacturers. That's why we see this exhibition as a good opportunity and look forward to actively communicating with the manufacturers of the Hokuriku area.



Yoshikiyo Yamazaki



Makoto Yamano



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— **Kamiyama Tekko Co., Ltd.** —

Let's try it.

The spirit of “give it a try” creates high-precision fasteners. The synergy of highly skilled staff is the essence for creating a bright future.



These aren't any ordinary screws or pins. These high-precision fasteners are a result of intense trial and error carried out by the experienced and skilled engineers of Kamiyama Tekko Co., Ltd.

KAMIYAMA TEKKO CORPORATION



[Kamiyama Tekko Co., Ltd.]
 1-1506 Iriba, Minato-ku, Nagoya-city, Aichi
 TEL.052-382-7218 FAX.052-383-3170
 President: Michihiro Kamiyama
 Capital: 10,000,000 yen
 Establishment: 1971
 Business activities: Header machining,
 cold heading with reheader,
 cutting, and rolling

Founded in 1971, Kamiyama Tekko manufactures high-precision pins, rivets, shafts, bolts, and other fasteners. The company mainly produces non-standard parts for large automobile manufacturers, as well as parts for various other fields including personal computers, electronic devices, machine tools, and construction machinery. As a group of experts in cold heading and cutting, the company manufactures extremely precise unique parts based on drawings provided by its customers. Achieving high quality, short-term delivery, and cost reduction through end-to-end manufacturing, the company has earned the trust of its customers. The driving force behind this success is the president's particular emphasis on valuing the strengths of highly skilled staff and the wonderful spirit of “give it a try!”

Valuing the strength of experienced, skilled staff

“People working in the manufacturing industry can't do anything alone. What's more, there's no way someone that just entered the industry can suddenly do a good job,” says President Kamiyama. Being that it comes from a man who leads a team of experts who have been producing high-precision fasteners, this seemingly obvious comment is very convincing. The president deeply trusts his highly skilled staff and the company's spirit of improving skills together through trial and error is very inspiring.

Try, make, disassemble, and make again

“Give it a try!” is the key philosophy at the heart of Kamiyama Tekko. This phrase is frequently heard in the local Nagoya dialect at the company. Their actions of trial and error seem to be driven by the thought that you never know unless you try. The fruits of

fearless trial and error bring about work that challenges your abilities, accumulates data and know-how within the company, and leads to the growth of the company and its people. “In the field of cutting, we can't beat large companies with long histories. We don't compare in experience.” Because of this view, “give it a try” all the more becomes the company's maxim. Apparently the staff sometimes feels too challenged, but it is also a fact that, as a corporate culture, the maxim is fostering a sense of satisfaction and joy in being able to freely take on various challenges. Having enabled the company to enter the field of multi-function machines, the spirit of “give it a try” is the driving force for developing more advanced technologies and achieving higher precision.

Mission: To connect

For a company that mainly manufactures automotive fasteners such as screws, pins, and rivets, the recent EV wave must be something that needs to

be addressed. However, President Kamiyama believes that it is also important not to get too caught up in the EV wave, which is difficult to predict due to political motivations. He says their mission is to connect. In other words, their job is to create fasteners like screws and pins; each product is formed by connecting the designers' thoughts and salespeople's ideas with skills and experience. Building on this thought since he was appointed Managing Director, President Kamiyama has concluded that there will always be work to connect even as the EV transition accelerates in the future. This group of engineers are reading the future based on technologies and skills.

When asked what he thought of TAKAMAZ, he replied, “The best thing about your machines is that they're compact so you can operate them in small spaces.” He added that “We've been using your machines since the times of X-100 but

the operation method has hardly changed with new models. It's a great advantage to be able to work with new models without being bewildered.” “We also appreciate your quick response, including those for troubleshooting and repair.” I, as the interviewer, couldn't help smiling from these comments, which could only come from a long-time TAKAMAZ user.

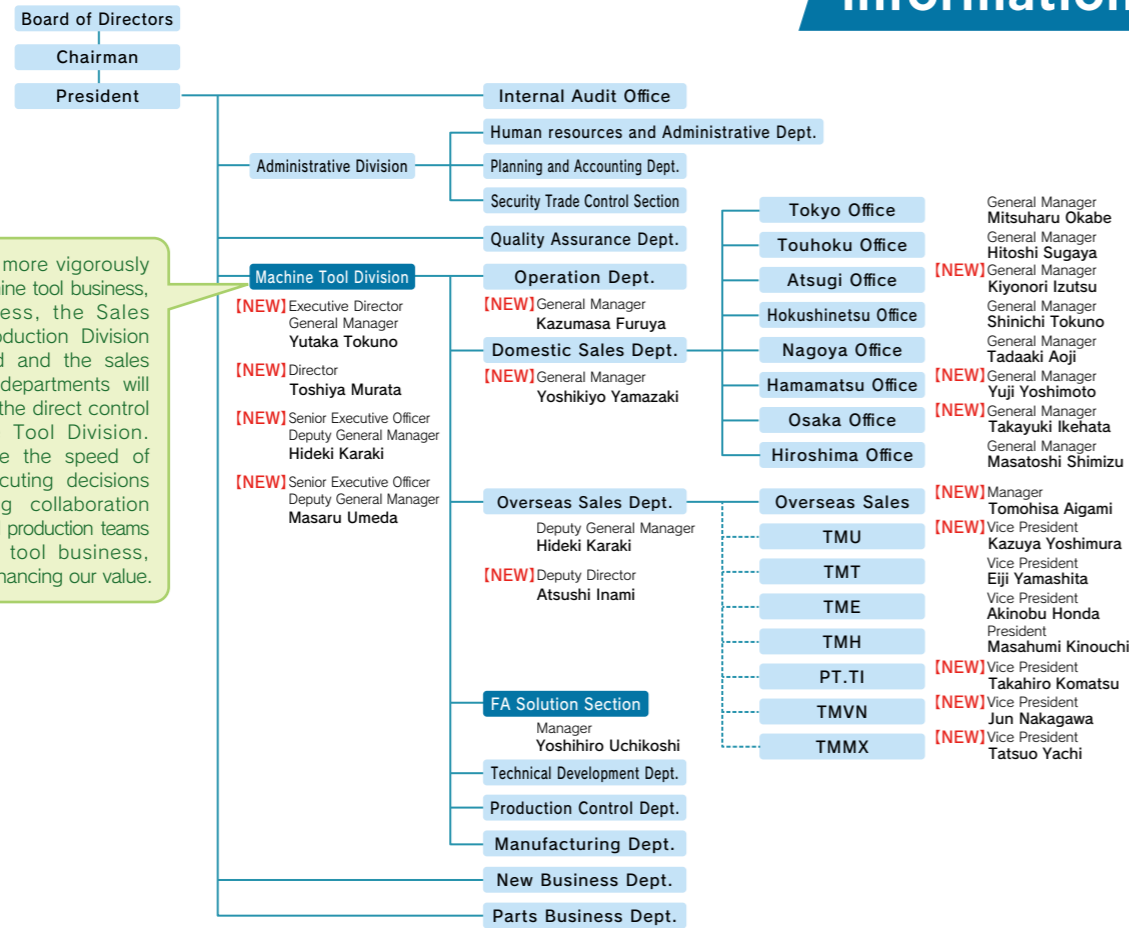
There is a lot to gain from talking with people who sincerely work with machines on a daily basis and have a very good understanding of them. I had a wonderful time interviewing him! This kind of free and open communication with onsite-engineers of a company determines machine specifications, resulting in a customized product. This is what makes TAKAMAZ unique. We also received a new request from President Kamiyama for a machine with an “exhilarating exterior design,” which we look forward to working on. This interview strengthened our wish to further deepen our relationship with Kamiyama Tekko Co., Ltd.



HP



TOPIC1
Organizational Reform



To enable us to more vigorously promote the machine tool business, our core business, the Sales Division and Production Division will be abolished and the sales and production departments will be placed under the direct control of the Machine Tool Division. This will increase the speed of making and executing decisions by strengthening collaboration between sales and production teams in the machine tool business, thereby further enhancing our value.

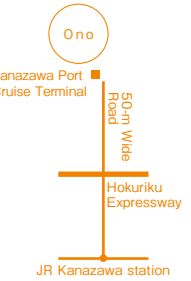
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Traveling the Hokuriku Area to Experience Craftsmanship

— CRAFT CONSCIOUS —

A wonderful stroll through “the town of soy sauce” by the Kanazawa Port

One of Japan’s largest soy sauce producers along with Choshi, Ono is just a stone’s throw away from the Kanazawa Port Cruise Terminal. With a history of roughly 400 years, there are still several soy sauce producers in Ono. In this old-fashioned town with wood board walls and black roof tiles, the faint aroma of soy sauce wafts through the air. Discover a different side of Kanazawa here at Ono.



Gallery & Salon Moromigura

A gallery and café run by Konichi Shoyu, a soy sauce producer established in 1892. It’s truly special to savor the rich and creamy soft serve soy sauce ice cream in this renovated soy sauce brewery with a nostalgic feel.



Old-fashioned Townscape along the Canal

With its machiya townhouses and soy sauce breweries associated with traditional shipping and soy sauce manufacturing businesses, and also potato warehouses and fishing net storehouses of agriculture and fishing businesses, the townscape of Ono has been designated as a Cultural Landscape Area by Kanazawa City. The town is also listed as a Japan Heritage site.



TOPIC2
Company Initiation Ceremony FY 2023

The company initiation ceremony for FY 2023 was held at our headquarters on April 3. Joined by nine new employees, we will push forward for further growth. Though the participants were slightly tense, they received warm words from the Chairman and President and the ceremony closed in a relaxed atmosphere.

“Do your best work while following TAKAMAZ rules, accumulate experience, and make it an asset in your life. Let’s achieve our goals together as a team!” (excerpt from the Chairman’s speech)
“I appreciate that you chose TAKAMAZ. Your growth potential is the company’s growth potential. This year we’re celebrating our 75th anniversary. I hope all of you will be playing leading roles by the time we celebrate our 100th anniversary.” (excerpt from the President’s speech)

What are your interests?

Soccer games are so exciting!
Taking a sauna
I love the sauna of public baths.
Making coffee starting from grinding beans
I’m into Kiyo.
I love baseball
Gourmet trips
I like wind orchestra.
I enjoy skiing.

Strolling Through TAKAMAZ

Nagoya Office Yuki Kinoshita

A TAKAMAZ member for five years, his main responsibilities are to repair and maintain machines at customers’ worksites. He mainly visits customers in Aichi, Gifu, and Mie though he also goes to Hokkaido and Kyushu.

1 His phone is filled with all sorts of records related to his work, including customer requests, detailed daily to-do lists, and preliminary notes on assignments.

2 Exchanging views and sharing information with colleagues, he finds the office a relaxing place. Despite being surrounded by a group of buildings, the corner where the office building is located has a quiet atmosphere.

3 Having the right tools for every situation is an important part of his job. He enjoys going to professional tool shops and selecting the best tools.



Scan this QR Code for more details.
<https://www.takamaz.co.jp>



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