

SYL

Sharing Your Life

Muratec Customer Magazine 1 | 2025 | EN



In an environment where uncertainty about the future continues to grow each day, we would like to express our sincere gratitude for your continued support.

Thanks to your patronage, our company is celebrating its 90th anniversary this year.

For the past 90 years, we have consistently pursued "automation" technologies. Examples include the air splicer, which automatically joins yarns, and the air jet spinning, which combines three processes into one for high valued fine count yarn. In the coming years, as we face a society with a shortage of workers, we aim to continue contributing to society through automation technology.

However, to continue thriving alongside our customers in the future, we believe it is necessary to establish another pillar in addition to automation. This would be "new manufacturing" to address resource and environmental issues. As 8 billion people strive for a better quality of life, the manufacturing systems supporting today's society are clearly constrained by both resource scarcity and environmental degradation. The textile industry, in particular, faces numerous challenges, including energy consumption,

waste from unsold inventory, and the environmental impact of production and consumption processes. We aim to focus on the creation of new technologies that support new manufacturing and work toward our 100th anniversary in 2035.

With a growing population, and as humanity becomes accustomed to a convenient and secure lifestyle, the instant solution 'Deus ex Machina' is no longer feasible. Just as a large bus overturns when it suddenly turns the wheel, the resource and environmental challenges we face can only be addressed step by step, in alignment with reality. The most important thing is cooperation through the supply chain and working together with our customers to find solutions.

In the coming years, in addition to pursuing quality and productivity, Muratec is planning to introduce products and technologies that contribute to small lot, short lead-time production. The feedback from our customers will be essential to further develop these proposals.

In this changing world, we hope to walk forward together with you, turning these changes into a source of growth.

Daisuke Murata
President & C.E.O.



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[Cover Photo] Special thanks to HUIS Limited.



“
All the Muratec services are great.
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Our latest automatic winder “Alcone” is making waves in factories around the world with its innovative technology and outstanding efficiency. We interviewed Mr. BENJAMIN ABUSADA, the first Alcone user in Peru.



You were the first to use Muratec winders in Peru, and since then, you have also used previous models. What was the reason for choosing Muratec?

When we had a problem with our previous winders, we came across Muratec machines. We already knew that Muratec was a world-renowned brand, and we had impressive results with the first Muratec winders. Obviously, we were able to produce packages faster, maintaining their quality.

Why do you continue to choose Muratec?

Muratec machines have run efficiently, and each new model has had upgrades, such as improving package quality and reducing splicing time. We have always been satisfied with Muratec's technical support and the performance of the machines.

You are a Muratec Smart Support (MSS) user. What benefits does MSS offer?

MSS allows us to control and monitor a lot of data. Without MSS, it would be impossible to properly control our machines. Receiving alarms in real time is ideal for us. This function allows us to efficiently direct our work to maximize our quality and maintenance schedules. MSS is an essential analysis tool.

Do you have any other feedback for Muratec?

All services from Muratec are great. We are always satisfied with the technical support and the performance of the machines, which produce good packages.

Interviewee



Mr. BENJAMIN ABUSADA



FILASUR S.A.
Location: Lima, Perú
Established: 1997
Main Products:
- Cotton yarn(Peruvian Pima, Tanguis, U.S. Supima, Upland, Organic, BCI, etc)
- MMC (Modal, Tencel, etc)
Yarn Count: Ne10-80

More Than 100% Satisfaction

Continued Support For Our Customers

MURATA PARTS SALES, LTD. (MPSL) is a provider of comprehensive parts solutions that exceeds our customer's expectations. Here, we introduce some of MPSL's activities that help our customers achieve stable operation and greater efficiency in their factories.

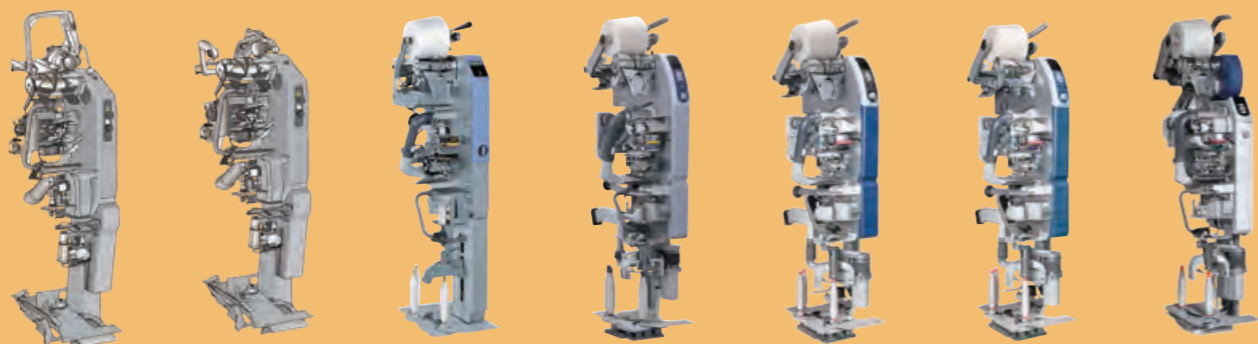
MPSL Support for the Life of Your Machinery

MPSL supplies genuine parts for models ranging from the latest Muratec textile machines to those that are 40 years old or more. In addition to consumable parts, we also offer upgrade parts to improve the usability and productivity of older models. We also market peripheral equipment developed by our engineering team with extensive on-site know-how.

MPSL also organizes seminars on machine maintenance in various locations. While overhauling actual machines, we explain inspection methods, things to be aware of, tips on efficient operations, and much more in an easy-to-understand way.



MPSL staff at Muratec's service locations around the world offer unparalleled customer support. Please feel free to contact us.



from Mach Coner to Alcone

Parts support in Indonesia



Indonesia is a large spinning market with a long history. Muratec established a representative office in Jakarta in 1973. This office was later relocated to Bandung and has continued to provide textile machinery support to its customers throughout Indonesia.

In Indonesia, many customers have been using the Mach Coner for many years. The Mach Coner was launched in 1979 and became a worldwide best-seller, along with the latest Alcone and VORTEX machines.

Muratec provides maintenance services and genuine parts for all of our latest models, to machines 40 years old or more. We also offer repairs for printed circuit boards and parts, and provide engineering services and upgrade parts to ensure stable operation and increased productivity for our customers' machines.



New Partner!

PT.AGANSIA PRIMATAMA

A new high-powered partner has joined our parts distribution network in Indonesia. PT. AGANSIA PRIMATAMA, who has been acting as a distributor of machine bodies, will begin supporting the sales of parts. Agansa will provide speedy after-sales support to customers in various locations in Indonesia, including the Solo and Jakarta areas in addition to Bandung where the Muratec office is located.



Mr. Riyanto
Senior Business Manager
Spinning & Weaving Machinery
Parts & Accessories

Toward the Next Turning Point Showroom Renewal

Let's explore
Muratec's
Mindset

We renewed the textile machinery division showroom at Kyoto headquarters in order to convey our corporate slogan "Innovation, Mark the turning point." established in 2023, and our attitude toward our present and future business.



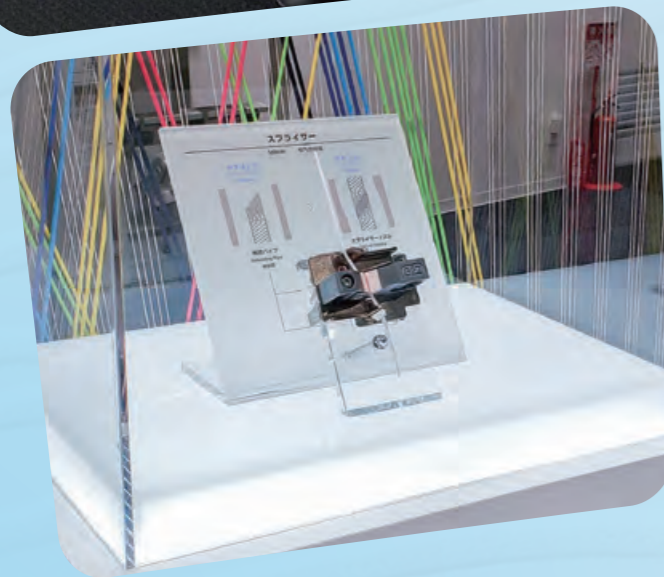
In the center of the showroom, we display core modules of Splicer and VORTEX, which represent important turning points for Muratec. We also highlight the value these technologies bring to the entire textile industry.



We introduce the whole process involved in textile production, from raw materials to finished products, and use videos to show the scale of the factories.



All VORTEX fabric and apparel samples collected from around the world are displayed in the showroom.



Here visitors can experience all the exhibits, like touching the materials and operating devices.



Collaboration
with
the leading
companies

Ramatex Textiles Industrial Sdn. Bhd.
for cooperation in filming at their vast factory

Toyota Industries Corporation
for the ring spinning process

Tsudakoma Corp.
for warping and weaving process

Shima Seiki Mfg., Ltd.
for weft knitting process

Cotton Inc.
for harvesting process

DISCOVER MURATEC WORLDWIDE

MURATA MACHINERY INDIA PRIVATE LTD.

Mumbai Office [India]

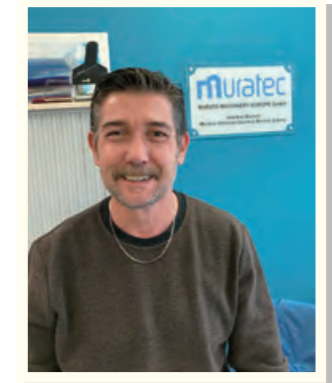
Mumbai Office is Located in Bandra Kurla Complex, which is a Central business district in the city of Mumbai. It is a prominent upscale commercial hub which commands some of the highest property rates in the country.



MURATA MACHINERY EUROPE GMBH

Istanbul Branch [Türkiye]

We are Istanbul Branch in Turkey of MURATA MACHINERY EUROPE. Our office is located in the Maltepe district in the Asian side of the city of Istanbul. Istanbul is the border between Asia and Europe and has flourished as an important trading centre since ancient times. Famous tourist sites such as Hagia Sophia and the Blue Mosque are evidence of the fusion of Eastern and Western cultures.



PAV BHAJI

Pav bhaji is a dish of fluffy bread slices smeared with butter and mixed vegetable gravy. It is tangy, sour and spicy with lemon extract.



THE GATEWAY OF INDIA

This arch-monument was constructed in 1924 on the waterfront of Mumbai, India. It is located on the waterfront at Apollo Bunder area at the end of Chhatrapati Shivaji Marg in South Mumbai and overlooks the Arabian Sea.



BAKLAVA

Baklava is one of the most delicious flavors specific to the Balkans and the Middle East. It is known as an Ottoman dessert, and its oldest record is in the notebooks of the Topkapı Palace kitchen during the reign of Fatih Sultan Mehmet, written in 1473. Gaziantep, a city in southeastern Turkey, is famous for its pistachio baklava.



DOLMABAŦE PALACE

The construction of Dolmabahçe Palace, which was built in 1856, has the main structure that extends parallel to the sea along the coast. The palace is a mixture of the Ottoman palace tradition, the characteristics of a Turkish house, and Western architectural forms. The palace has been used as a museum since 1984.





Enshu Textile

遠州織物

Blessed with a mild climate and abundant water resources, the Enshu region is one of Japan's leading cotton producing regions. In the mid-19th century, in addition to agriculture, textile production in the off-season supported the local economy for the farming community. In the second half of the 19th century, spinning mills were built by introducing Western-developed technology and machinery, and cotton textiles developed as a local industry.



Around that time, corduroy fabric also arrived in Japan from Europe. After analyzing and studying the raw materials and the weaving structure, the craftsmen in Enshu independently developed the machinery necessary for its production. Over the years, they made repeated improvements in order to create a durable yet soft and comfortable corduroy with more beautiful ridges. Enshu, which gained a

reputation for its high quality corduroy, is also widely known as a cotton textile production area.

Enshu textiles are woven slowly by using shuttle looms. This creates irregularities in the surface and a soft, light and warm-textured fabric. Rather than pursuing production efficiency, Enshu textiles are woven at a high density, deliberately taking time and effort, resulting in their characteristic high durability and longevity.

Although Japan was the world's largest exporter of cotton textiles around 1930, changes in the market environment caused the industry scale to shrink. Enshu was no exception, and the number of weaver, which once numbered more than 1,000, dwindled to just a few dozen, and valuable looms and craftsmanship were being lost.



In this environment, the successors of the Enshu textile production region, younger generations working in the industry, and apparel designers came together to

launch a project called "entrance." With the aim of revitalizing the textile industry in the Enshu production region, they began to focus on semi-order clothing events, original product development, and other initiatives to directly communicate the appeal of Enshu textiles to consumers. The locally-sourced apparel brand "HUIS" develops and markets clothing with special emphasis on "fine count & high density" Enshu fabrics woven on a shuttle loom.

Hamamatsu Eel

Hamamatsu City in Shizuoka Prefecture, Japan, is famous for its "grilled eel." Lake Hamanako in Shizuoka Prefecture is blessed with a mild climate and brackish water, where seawater and freshwater mix, making it an ideal environment for eel growth. Lake Hamanako is also known as a pioneer in eel farming in Japan, making effective use of local resources such as silkworm pupae from the sericulture industry as feed. Crispy and tender eel grilled over charcoal, smothered with a sweet and spicy sauce is fantastic!



"Core Color" attracts attention for its ease in production and sustainability



CORE COLOR

"Core Color" is an innovative technology using the VORTEX Core Yarn Device, which enables the creation of mélange-like yarn in various colors simply by changing the color of the core yarn filament. We presented "Core Color" at the ITMA ASIA + CITME 2022, and it received an overwhelmingly positive response. Since then, "Core Color" has consistently attracted attention at events and exhibitions around the world.

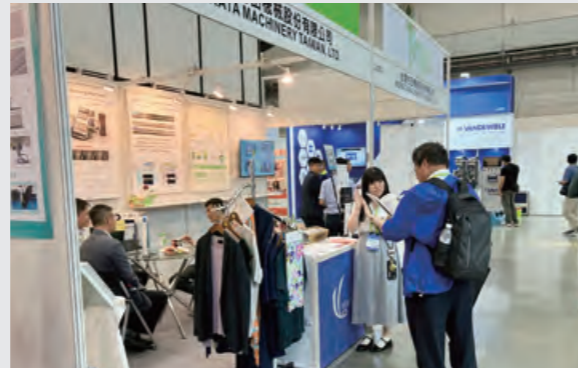
We introduced the features of "Core Color" and showcased fabric samples at the "Taipei Innovative Textiles Application Show (TITAS)" in Taipei, Taiwan, from October 15 to 17, 2024 and the "Hokuriku Yarn Fair 2024" in Kanazawa City from November 13 to 14. Visitors who work in the spinning industry appreciated the fact that Core Color enables mélange production in smaller lots compared to conventional ring spinning, as well as eliminating the need for cleaning at the pre-processing stage. In addition, people in the apparel industry were amazed with the quality of mélange-like yarn created by Core Color and how the new material looked just like conventional mélange.

On November 21 to 22, 2024, our VORTEX Spinning Machine Product Manager, Mr. Akitsugu Mori, gave a presentation at the "Aachen-Dresden-Denkendorf International Textile Conference" in Stuttgart, Germany, where he introduced Core Color. The advantages of "Core Color" compared to mélange production using a ring spinning machine are:

1. Superior productivity
2. Helps to optimize the production and maximize the variation
3. Fewer splicing points, less defects in fabric

These three key points were highlighted.

During the Q&A session, participants from all over the world asked many questions, reaffirming the increasing need for solutions in mélange production. We expect Core Color to have a major impact on the textile industry in the future.



Machine tools



Logistics & Automation



Communication Equipment



Clean FA

We celebrate our 90th anniversary in this year of 2025. We offer our sincere appreciation to every customer who has supported us during this time. Your trust in our products has allowed us to continue our ancestral textile machinery business for 90 years.

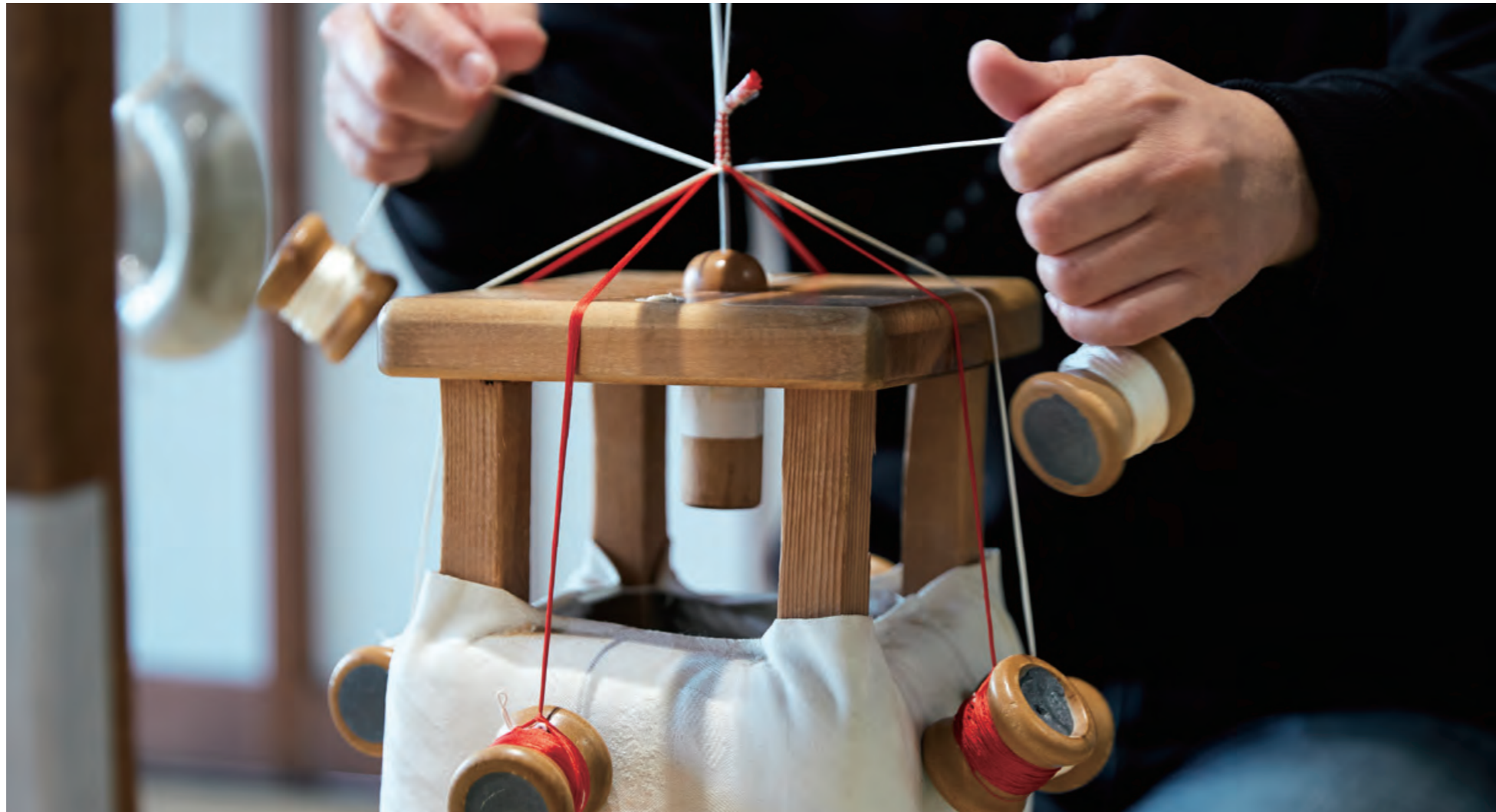
Appreciation for your support.
We just marked our 90th anniversary.



The current anchors of our business are our automatic yarn winders and the VORTEX yarn spinning system. However, over the past 90 years we have introduced numerous products to the world including Dobby and Jacquard heads for weaving machines, tube winding machines, and we even tried air-jet weaving machines. Our double twisters run a wide range of yarn types, from spun yarn to filament and tire cord. We also produce spinning systems, take-up winders, and draw texturing machines for synthetic fibers. And we have continued to challenge advanced materials, like carbon, and tried to develop Braiders for carbon filament and now keep challenging to spin carbon nanotubes materials. Regrettably, we had to withdraw from some of these product fields. However, the new technologies cultivated by our experiences and our spirit for development, have been passed on to the products and employees of today.

Kyo-kumihimo

京都组纽编绳



Kyo-kumihimo, a traditional Kyoto craft, is created using intricately braided silk threads that are beautifully dyed. Its most notable features are the elegant sheen and the delicate, detailed stitches that make it truly unique.

Traditional Kumihimo are meticulously hand-braided, one by one, by artisans using a specialized braiding stand called a "Kumidai." Depending on the shape of the Kumidai and the combination of chosen threads and colors used, a variety of Kumihimo designs can be created. Finished Kumihimo are crafted into furnishings, ornaments and craft products, as well as Obijime, used to secure obi belts on women's kimonos.

In Kyoto, once the capital of Japan, Kumihimo were originally used as Buddhist altar fittings, ritual articles, and

accessories for the aristocracy. As time passed, the use of Kumihimo expanded to include decorations on samurai armor, and centuries later, it became a popular decorative element on clothing and accessories for the common people. Throughout Japan's evolving culture and history, Kumihimo has remained a familiar decorative material. Today, colorful Kumihimo straps and keychains are popular souvenirs for visitors to Kyoto.

At the "Empress' Cup Inter-Prefectural Women's Ekiden," a local marathon event in Kyoto that we sponsor, our company presented participants with commemorative shoelaces made from Kyo-kumihimo. Created in collaboration with the Kyoto-based workshop "Showen Kumihimo," the shoelaces feature delicate

"plum" and "peach" blossoms, symbolizing the New Year season and evoking the vibrant colors of Heian-period courtly garments. Showen Kumihimo customizes every aspect of the production process to fulfill each customer's order, crafting intricate and elegant Kumihimo that demonstrates exceptional craftsmanship. While preserving the traditions of Kumihimo, Showen Kumihimo also diversifies materials by incorporating functional and specialized fibers. By leveraging the unique characteristics of Kumihimo, it actively explores innovative applications, including solutions for the medical and nursing care fields.

Kyo-kumihimo continues to evolve as a symbol of Kyoto's culture.

京都组纽是一种采用精美染色的丝线制作的京都传统工艺品，其特色在于细腻复杂的编织纹路与优雅的光泽。

传统的组纽需使用专用编织架，由工匠手工逐条编结而成。通过调整编织架的形态及丝线与色彩的搭配，可创造出丰富多彩的组纽设计。成品组纽多用于女性固定腰带的“带缔”（束带），或加工成家居饰品与工艺摆件。

在曾经作为日本古都的京都，组纽曾用于佛具、神具以及贵族阶层的装饰品。随着时代演变，其用途逐步扩展至武器装饰等领域，历经数世纪后更融入平民服饰与随身配饰。作为贴近日常生活的装饰材料，组纽始终与日本的时代文化共同演变。如今采用艳丽组纽制作的挂绳与钥匙扣，已成为京都的热门纪念品。

在由我司赞助的京都本土赛事“皇后杯全国女子长跑接力赛”上，我们向参赛选手特别赠送了由京都组纽制作的纪念款鞋带。这些作品由京都“升苑组纽工坊”匠心打造，灵感源自平安时代贵族服饰配色，并以“梅花”“桃花”意象呼应赛事举办的新年时节。升苑组纽工坊秉持全工序客制化服务，打造充满匠人精神的精美编织饰带。该工坊不仅恪守传统工艺，更积极推动材料多样化发展，运用功能性纤维、特殊纤维等创新材质，同时致力于开拓组纽技艺的新应用领域，特别是在医疗护理行业开发能充分发挥组纽特性的创新产品。

作为京都文化象征的京都组纽，至今仍在持续焕发新的生命力。