Muratec

SYL

Sharing Your Life

Muratec Customer Magazine 2 | 2026 | EN



We would like to express our sincere gratitude to all our customers for the continued support and patronage you have extended to Murata Machinery, Ltd.

Amid the ever-changing political and economic conditions around the world, I would like to express my heartfelt respect for the initiative you have shown and the sustained efforts you have made over many years to ensure business continuity under challenging circumstances.

In the face of these fluid conditions, we recognize that Muratec must remain firmly focused on two priorities: first, further enhancing the support and services we provide to our customers; and second, continuing to develop and deliver machinery that maximizes energy- and labor-saving performance while producing the highest-quality packages.

This edition of “Sharing Your Life” focuses on Muratec’s exhibits at two international trade fairs: ITMA ASIA + CITME 2026, to be held in November, and INDIA ITME 2026, scheduled in December 2026.

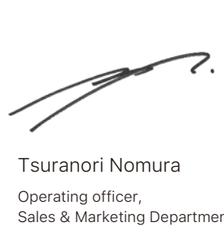
We would like you to experience the “Muratec Lifecycle Support” exhibition, which highlights a new service provided through Muratec Smart Support. This remote production management support system offers impressive speed and accuracy and is highly regarded by the more than 1,300 companies that have implemented it to date. The exhibition showcases new approaches to achieve stable operations with a view to address the challenges expected in 10 to 20 years in the future. In addition to maintenance parts and overhaul services, this innovative system provides information on maintenance and repair solutions delivered through collaboration between Muratec's Technical Service Department and its global bases, fully leveraging Muratec's comprehensive capabilities.

The Automatic winder “PROCESS CONER Alcone” was developed with a focus on stable operation through reduction of alarm and energy consumption as well as even greater improvement of productivity and operational flexibility. Alcone has already been implemented in many countries. The exhibition introduces new specifications that achieve high productivity and energy efficiency as well as data that show superior operational performance.

We will also exhibit the "VORTEX 870 EX" which has seen strong growth in adoption in recent years, together with the latest apparel samples and new product proposals using core-spun yarns.

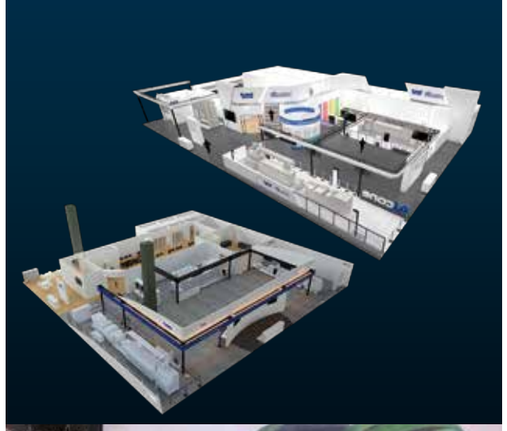
This issue also features an interview with Aksa of Turkey, a company that has adopted VORTEX. We hope you enjoy reading it.

We warmly encourage you to visit the exhibition venues in person to see the products we have developed in line with the mission described above. There, we hope you will feel our passion for manufacturing and experience the value of “Muratec Lifecycle Support,” which brings visibility to value added services that we are extremely proud of.



Tsuranori Nomura

Operating officer,
Sales & Marketing Department of
Textile Machinery Division







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Sharing Your Life
Muratec Customer Magazine November 2026

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[Cover Photo] Special thanks to Nishimura Orimono Co., Ltd.

EXHIBITION PREVIEW

ITMA ASIA + CITME 2026 & INDIA ITME 2026 P3 to P6

Under the theme "Right Choice, Bright Future," Muratec will participate in both ITMA ASIA + CITME and INDIA ITME. Explore our latest solutions tailored to your market and needs.

ITMA ASIA + CITME 2026

Right Choice, Bright Future



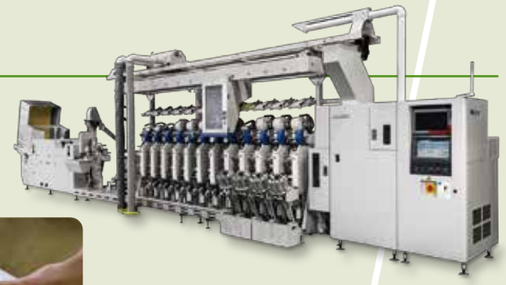
At ITMA ASIA, we will showcase the value of "Muratec Lifecycle Support," which embodies our partnership with customers. "Muratec Lifecycle Support" combines the competitive strengths of Alcone and VORTEX with solutions tailored to each stage of the equipment lifecycle, from implementation support to maintenance and upgrades. At our booth, we will highlight elements that are not always easy to see — from the challenges and costs facing customers' factories to the organizational culture that has remained unchanged since Muratec's founding 90 years ago — all from a perspective unique to Muratec.

High-performance machines		Shop Floor Excellence		Reliable support
VORTEX 870 EX Alcone	+	MSS Muratec Smart Support	+	

Automatic Winder

PROCESS CONER Alcone

At this exhibition, we will introduce the latest features that combine high efficiency with environmental performance while helping improve package quality. These include "i-Monitor," which controls winding speed according to yarn hairiness. In addition, we will also demonstrate winding core-spun yarn using the Stretch Air Splicer and high-speed soft winding with Arm Traverse.







ITMA ASIA CITME

20-24 November 2026 Shanghai, China
www.itmaasia.com www.citme.com.cn

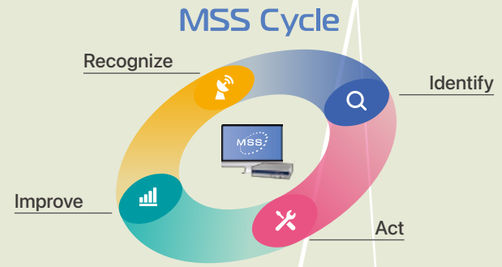
Booth
Hall 5 E01-E02

Muratec Lifecycle Support

"Muratec Lifecycle Support" maximizes the potential of equipment and maintain high productivity over the long term. This is made possible by the knowledge and experience Muratec has accumulated over the years.

● Muratec Smart Support (MSS)

MSS supports stable operations by monitoring for abnormalities and preventive maintenance measures while promoting the sharing and utilization of knowledge and expertise accumulated on the customer' site. We will introduce ways the customer can utilize MSS to carry out improvement cycles faster, more reliably and more efficiently on their own.



● Genuine Parts

We will present case examples of our maintenance packages that will help the customer maintain high productivity throughout the product lifecycle while operating our equipment with confidence for years to come.

● Technical Service

We will introduce our wide-ranging, customer-focused support, from machine installation and operator training to support with production, quality, and maintenance management, as well as remote diagnostics.

VORTEX Spinning Machine

VORTEX 870 EX

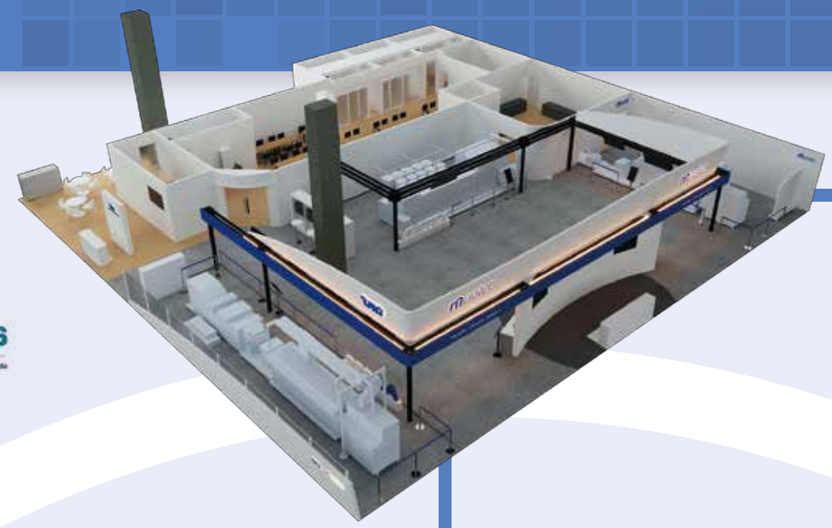
At this exhibition, we will demonstrate spinning with cotton-blended lyocell and polyester, both of which are seeing growing demand in China. We will also demonstrate how easy it is to change machine settings when switching yarn counts. In the sample area, we will display core filament yarn (CFY), which production has been increasing in China in recent years, along with samples made from a variety of materials, including viscose, poyester and 100% cotton.



INDIA ITME 2026

Engineered for Excellence

Your competitive advantage starts here!



Machines To Masterpieces

NEXT INDIA ITME 2026

4th-9th December 2026 | India Expo Center & Mart, Noida

Booth Hall10-C11D6

Automatic Winder
PROCESS CONER Alcone

We will exhibit two models: the Link Coner type, which connects the winder to the spinning machine for maximum automation and labor savings, and the Bobbin Tray type, which automates operations starting with bobbin feeding. At our booth, we will demonstrate a variety of winding applications, including 100% cotton yarn, core-spun yarn, and soft winding suitable for dyeing. Alcone can accommodate both drum traverse and arm traverse units on a single machine, giving it the flexibility to meet a wide range of needs. Visit our booth to see and compare both models. Our staff will recommend the best solution for your requirements and factory layout.





VORTEX Spinning Machine
VORTEX 870 EX

We will demonstrate spinning polyester and core yarn, both of which are seeing growing demand in India. VORTEX makes it easy to produce core yarn, helping customers differentiate between their products. We will also have an area where you can see and touch a wide variety of fabric and product samples.





MIP CARES

MIP CARES — Service, Seamlessly Connected

MIP CARES is a distinctive service brand created for the textile industry, bringing together every aspect of customer support through one thoughtfully connected experience. From expert technical assistance and personalized service support to a user-friendly digital interface and an online spare parts ordering portal, MIP CARES makes every interaction simpler, smoother, and more convenient. Each service touchpoint is designed to offer greater accessibility, transparency, and confidence — helping customers stay focused on what matters most: their business.

More than a service platform, MIP CARES reflects a commitment to building trusted and lasting relationships. By combining advanced technology with experienced expertise and a genuine customer-first approach, we ensure that every service requirement is handled with care, efficiency, and attention.

At MIP CARES, service is not simply about responding to a need — it is about staying connected, creating value, and delivering an experience that customers can rely on.

MIP CARES – Because "Uptime is Everything".

Shaleen Sinha
C.O.O. & Director
Murata Machinery India (P) Ltd.



Muratec Smart Support (MSS)

MSS supports your factory's stable operation with the power of digital technology. In India, customers have achieved numerous results using MSS for operations management and preventive maintenance. While maintaining consistent quality across the factory, MSS helps strengthen resilience and improve profitability.

At this exhibition, we will introduce the latest upgraded version of MSS and show you how to use it effectively.



Genuine Parts

Planned maintenance is essential to keeping machines running efficiently and stably. From supplying genuine parts to supporting maintenance planning, Muratec offers parts solutions that help customers continue using their machines with confidence over the long term.

We deliver parts quickly from three locations across India. This helps reduce downtime and improve productivity.



MVP #03

Muratec value partners

Muratec has achieved notable success in the Textile Machinery Industry.
This success has been made possible, thanks to many companies that support our activities.
We are pleased to recognize such companies as Muratec Value Partners.

Acrylic Fiber and VORTEX

Aksa Akrilik Kimya Sanayii A.S.

Aksa Akrilik is the world's leading and Türkiye's first and only acrylic fiber manufacturer.

The company began production in 1971 with an initial capacity of 5,000 tons and today operates with an annual capacity of 355,000 tons and a workforce of over 1,400 employees. Holding approximately 23% share of the global market, Aksa continues to be one of the leading players in the acrylic fiber industry.

Serving around 400 customers in more than 50 countries across five continents, Aksa ranks among the key suppliers of the global textile industry. In recent years, the company has shaped its strategy not only around capacity expansion, but also toward the development of value-added products and advanced materials.

With its strong R&D capabilities, robust production infrastructure, and continuous technology investments, Aksa delivers high-performance and innovative solutions for textile, technical textile, and advanced material applications.





An Innovative Step from Fiber to Yarn

As part of this strategy, Aksa invested in VORTEX yarn spinning technology in Aksafil in 2022 located within the Aksa campus, featuring a closed area of 20,000 m^2. This new yarn production opportunity represents a significant step toward expanding the application areas of acrylic fiber and marks Aksa's transition into technical yarn production.

Aksafil

Equipped with the latest technology, Aksafil focuses on the efficient and high-performance production of acrylic and acrylic-blend yarns.

Through advanced air-jet spinning technologies —VORTEX — Aksa transforms its dyed and raw fibers into innovative yarns, enabling new applications across the industry. This investment enhances product diversity in the textile market.

Advancements with VORTEX Technology

Aksa Akrilik combined its high-bulk property with air-jet spinning technology and introduced "air-bulk" — a bulky yarn feature — to short staple yarn spinning.

Within Aksafil, innovative yarns developed using advanced spinning technologies — including 100% acrylic and acrylic-blend relaxed, air-bulk, air-jet, and core-spun yarns — address a wide range of applications. These yarns are used in areas such as flat knitting, circular knitting, weaving, and carpet production, including hand knitting.

In addition, acrylic-blend VORTEX yarns provide significant advantages for circular knitting manufacturers. Thanks to the use of dyed fibers, certain applications eliminate the need for additional dyeing processes, enhancing production efficiency and enabling more competitive end products.

Performance Advantages of VORTEX Technology



VORTEX spinning technology enables yarns to deliver;

- **Clean look on surface**
- **Reduced pilling tendency**
- **Enhanced durability**
- **Longer-lasting fabric performance**

At the same time, the inherent properties of acrylic fibers — including:

- **Softness**
- **Lightweight comfort**
- **Vibrant and long-lasting colors**

are fully preserved.

Through our collaboration with Muratec, we have achieved a global first by combining the inherent properties of acrylic fibers with VORTEX spinning technology. With this innovation, we are enhancing the performance of our acrylic fibers, expanding into new application areas, and further strengthening our competitive position in the global market.



Aksafil Production Director
Haydar İnan

The VORTEX spinning technology we utilize at Aksafil provides critical advantages such as yarn uniformity, reduced pilling tendency, and high durability. This enables us to improve our production efficiency while developing innovative, longer-lasting products that meet the high-performance expectations of our customers.



Aksa Akrilik Kimya Sanayii A.S.
Sales Manager
Gökhan Canbaz

DISCOVER MURATEC WORLDWIDE

MURATA MACHINERY (SHANGHAI) CO., LTD.



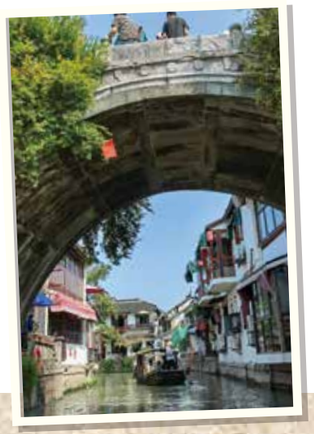
MURATA MACHINERY (SHANGHAI) CO., LTD. (MOC) was founded in Shanghai in 2002. In addition to Shanghai, MOC has offices in Beijing and Guangzhou. MOC employs more than 200 people in the textile, machine tool, L & A, CFA and administrative departments.

The office also features a showroom and laboratory for textile and machine tool products.



JU-JIA-KUNG

Ju-Jia-Kung is located on the western edge of Shanghai, a 30-minutes drive by car from MOC. With its well-preserved landscape and a network of canals, it is a popular destination where visitors can enjoy a nostalgic atmosphere.



SHANGHAI CRAB

Shanghai crab comes in season from October to November, when autumn deepens and the wind gets cold. During this season, you can find it in many places such as supermarkets and restaurants. It is a popular autumn delicacy that many people look forward to each year.



MURATA MACHINERY INDIA PRIVATE LTD.
New Delhi Office

MURATA MACHINERY INDIA PRIVATE LTD. has three offices: New Delhi, Mumbai, and Coimbatore.





Our office is located in Nehru Place, the business district of Delhi, the capital city of India. Nehru Place is named after Pandit Jawaharlal Nehru, the first Prime Minister of India.

THE LAL QILA



The Lal Qila, or Red Fort, is a historic Mughal fortress and UNESCO World Heritage site, known for its stunning red sandstone architecture. Built by Emperor Shah Jahan in the 17th century, it served as the main residence of the Mughal emperors for over 200 years. Today, it stands as a symbol of India's rich history and cultural heritage, attracting visitors from around the world.

MURGH MAKHANI

Murgh Makhani is a rich, creamy North Indian dish of tender chicken cooked in a smooth, tomato-based gravy. Infused with butter, cream, and a blend of aromatic spices, the sauce delivers a luxurious flavour that is both savoury and slightly sweet. Typically enjoyed with naan or rice, it is a dish loved around the world.





日本の布 めぐりシリーズ Vol.11

A series centering around "cloth" in Japan













Hakataori

博多織

Hakata in Fukuoka City is known as the birthplace of the traditional Japanese woven textile "Hakata-ori." Its origins date back to the 13th century, when a merchant from Hakata brought weaving techniques from Song-dynasty China.

Hakata-ori is distinguished by a unique technique in which a dense array of very fine warp yarns is woven with thick weft yarns, creating a fabric with a firm hand and the lustrous sheen of silk. Prized both for its beauty as a textile and for its practical resistance to loosening when tied as an obi, it was once used for obi worn by samurai to secure their swords at the waist and as tribute presented to the shogunate.

Passed down for approximately 800 years, Hakata-ori has continued to develop as one of Japan's foremost textiles, renowned for its exceptional durability and beautiful patterns. Today, these traditional techniques are used for a wide range of lifestyle products, including bags, wallets, neckties, and other accessories—bringing the craftsmanship of Japan's textile heritage into everyday life.

One of the companies carrying on this Hakata-ori tradition is Nishimura Orimono Co., Ltd. With a long history dating back to its founding in 1587, the company produces obi that are highly regarded for their quality, durability, and practicality by people who routinely wear kimono, including sumo wrestlers and rakugo storytellers. In recent years, the company has also expanded into the fields of architecture and interior design, with Hakata-ori increasingly being used as a decorative material in hotels, commercial facilities, and office spaces.

The company's integrated production system has enabled it to expand the use of Hakata-ori into product categories not traditionally associated with the textile. The company handles every stage in-house, from sourcing the yarn used as its raw material through design, dyeing, weaving, post-weaving processing, and sales. Led by traditional craftspersons certified by the national government, the artisans and designers responsible for each stage of work in close coordination. Their ability to respond flexibly enables the company to offer a broad range of solutions.

The company believes that "further the globalization advances, greater the demand for local value." While preserving distinctive weaving techniques unique to Hakata, the company is also engaged in developing new applications and exploring new markets.

In the production of Hakata-ori, Jacquard machines are used alongside traditional hand weaving. At Nishimura Orimono, a Jacquard machine manufactured by Nishijin Jacquard Mfg. —the predecessor of Murata Machinery— remains in operation today.



Hakata Ramen

Hakata developed as a trading port and remains a vibrant district bustling with businesspeople and tourists today. Among the workers at Hakata's port and markets, quick and convenient meals that could be enjoyed during short breaks became especially popular. In response to this need, extra-thin noodles were developed that could be cooked in just a few seconds, making them ideal for busy working days. This innovation became one of the defining features of Hakata ramen.

Another defining feature of Hakata ramen is its rich tonkotsu (pork-bone) broth. Simmering pork bones for many hours creates the broth's distinctive creamy-white color and rich, deep umami flavor. Paired with extra-thin noodles, this hearty broth made for a satisfying and convenient meal—perfectly suited to the demanding schedules of Hakata's working community.

Today, Hakata ramen is enjoyed not only throughout Japan but also around the world. Its flavorful tonkotsu broth and extra-thin noodles continues to win the hearts of ramen lovers around the world.



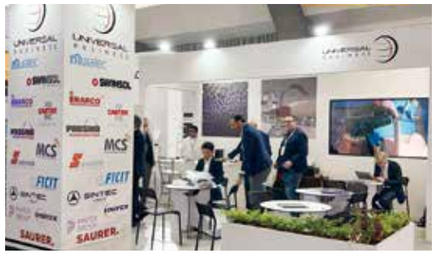
Special thanks to Nishimura Orimono Co., Ltd.

Connecting with the global textile market –Muratec Exhibition Highlights 2026

From March to June 2026, Murata Machinery participated in exhibitions around the world.

Mar. 10-13 [Mexico]
Exintex

We showcased fabric samples made from VORTEX yarn. At the venue, many displays were also themed around this year's FIFA World Cup, creating a lively atmosphere.



Apr. 8-11 [Vietnam]
SaigonTex

In Vietnam, we have been continuously promoting VORTEX to downstream processes. As the variety of VORTEX samples at Murata Machinery Vietnam (MMV) has increased, interest from local customers continues to grow.



Apr. 15-18 [Indonesia]
Indo Intertex

Many customers in Indonesia have been using our machines for a long time. Products such as retrofit parts, maintenance packages, and our production management support system "Muratec Smart Support (MSS)" attracted strong interest, as they help ensure stable long-term operation.



Jun. 9-13 [Turkey]
International Textile Machinery Exhibition(ITM)

Our Alcone, known for its energy efficiency, ease of operation, and maintenance performance, continued to draw strong attention. We were also able to further promote understanding of "Muratec Lifecycle Support," which helps ensure stable operation and long-term productivity improvements.





Murata Machinery's Technologies Registered as "Heritage of Future Technology"

In September 2025, three innovative technologies developed by Murata Machinery were registered as part of the "Heritage of Future Technology" by the National Museum of Nature and Science in Japan.

1. *Tandem nozzle of the Murata Jet Spinner (MJS)*
   – The only spinning nozzle in the world used for commercial production in air-jet spinning.
2. *VORTEX 870 spinning unit with vortex nozzle*
   – An innovative technology that achieves both unmatched high productivity and superior fabric quality.
3. *Mach Splicer G2Z-FB0-N1 used in Mach Coner No.7-II*
   – The world's first knot-free yarn splicing technology.

The "Heritage of Future Technology" program recognizes and preserves significant scientific and industrial technologies in Japan that have had a major impact on society, daily life, and culture, passing them down to future generations. Notable innovations such as the Walkman, the Shinkansen Series 0, and the PlayStation 2 have also been registered.

This recognition highlights how Murata Machinery's technologies have revolutionized spinning processes and contributed to both productivity improvements and quality advancements.

Murata Machinery will continue to contribute to the further development of the textile industry through ongoing technological innovation.

muratec

Continually creating innovative technologies for the fulfillment of a prosperous society



Textile Machinery
-Automatic Winder
-VORTEX Spinning System



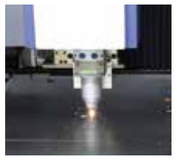
Logistics Systems / Factory Automation Systems
-Automated Storage & Retrieval Systems (AS/RS)
-Sorting System



Automated Material Handling Systems for Clean Rooms
-AMHS for Semiconductor Fab.
-MCS (Material Control Systems)



Machine Tools
-Twin Spindle CNC Chucker
-In-Line Opposed Twin Spindle CNC Turning Machine



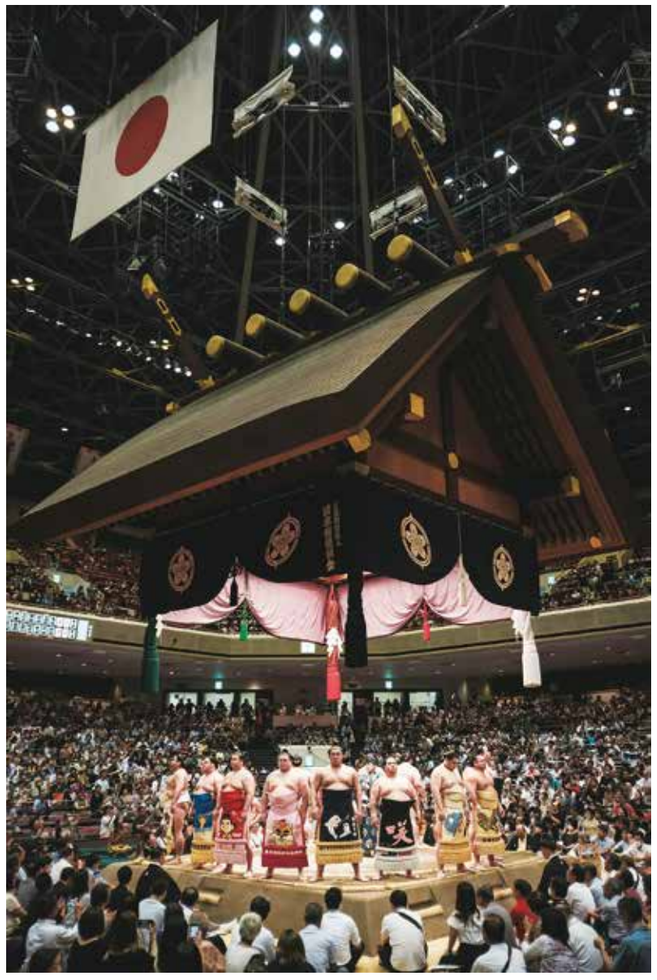
Sheet Metal Machinery
-Laser Punch Press
-Press Brake
-Fiber Laser Cutting Machine



Communication Equipment
-MFP (Multifunctional Peripheral)
-Facsimile

Sumo

相扑





Sumo is a traditional sport that people in Japan have enjoyed for centuries. Two wrestlers face each other in a circular ring called the dohyo. A wrestler wins by forcing the opponent out of the ring or causing any part of the opponent's body other than the soles of the feet to touch the ground. With its long history, sumo is widely recognized in Japan and abroad as a symbol of Japanese culture and tradition.

The mawashi worn by wrestlers during matches is made from sturdy woven fabric that must withstand the force of their bouts. The kesho-mawashi (or ceremonial apron) worn by the highest rank of wrestler called yokozuna during the dohyoiri (ring-entering ceremony) showcases beautiful weaving and embroidery techniques. Each brightly colored kesho-mawashi has a distinct design, offering a glimpse of Japan's advanced textile techniques and skilled craftsmanship.

Moreover, traditional Japanese textiles are also used for the yukata that wrestlers wear in everyday life. These yukata uses fabrics and patterns suitable for the season, which reflect the distinctly Japanese culture passed down within the world of sumo.

When you watch sumo, be sure to look not only at the wrestlers' powerful bouts but also at their mawashi, kesho-mawashi, and yukata, which embody Japan's textile techniques and craftsmanship.

相扑是自古以来深受日本民众喜爱的传统运动。两名相扑力士在称为“土俵”的圆形场地上面对面较量。使对手出界，或使对手脚底以外的身体部位触地，即可获胜。相扑历史悠久，作为日本文化和传统的象征，在国内外广为人知。

力士在比赛中穿着的“兜裆布”由结实的织物制成，必须具备能够经受激烈比赛的强韧度。此外，位居力士最高等级的横纲在入场仪式上穿着的“刺绣围裙”，其制作还运用了精美的织造和刺绣技术。色彩鲜艳的装饰兜裆布设计各异，从中可以领略日本精湛的纺织技术与工匠技艺。

此外，力士日常穿着的浴衣也使用了日本的传统织物制成。浴衣采用与季节相宜的材料和图案，让人感受到相扑界世代传承的日本文化特色。

观看相扑时，除了欣赏力士们气势十足的比赛，也请留意凝聚了日本纺织技术与工匠技艺的兜裆布、刺绣围裙和浴衣。