

NEWS LETTER

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**Italian
Technology
Center**

India



Italian Technology Center

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ABOUT

ITALIAN TECHNOLOGY CENTER (ITC) is a network of a group of Italian capital goods manufacturing companies. This innovative project is promoted by UCIMU-SISTEMI PER PRODURRE (the Italian machine tools, robots and automation manufacturers' Association), AMAPLAST (the Italian plastics and rubber machinery and moulds manufacturers' Association) and ACIMGA (the Italian manufacturers' association of machinery for the graphic, converting and paper industry). The ITC network facilitates a flexible collaboration among leading Italian machinery manufacturers in order to share resources and knowledge with the common aim of strengthening their presence in the Indian market.

Indian companies consider ITC as their first point of reference in India and get immediate answer/feedback to their queries from the respective Italian companies. Fresh enquiries and technical solutions are also discussed and properly followed - up with the member companies.

The enquiries for other machines/technologies will also be entertained.

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The above office is presided by Mrs Barbara Colombo (Managing Director - FICEP) through its India SPV (Rare Tech LLP) - Mr. Sandeep Chadha (Director); www.raretech.org.



BLM GROUP

**Turn on the Light
Innovation Lights Up at Innova 2025**

***BLM GROUP's Open House shines a spotlight on the latest in tube
and sheet metal processing***

From September 24 to October 8, 2025, BLM GROUP opened the doors of its Levico Terme (Italy) facilities for the Open House event “Innova 2025” – a celebration of innovation and technology. This was a unique opportunity to explore a constantly evolving, cutting-edge product portfolio up close, including fully integrated multi-technology work cells designed to optimize production processes, the latest advancements in sheet laser cutting and laser welding, advanced tooling change systems for bending, developed to simplify and speed up every operational phase, and high-precision fiber Laser tube systems for large diameters, built to meet the growing demands of modern industries.

The event’s central theme was “Turn on the Light,” a powerful and symbolic message reflecting BLM GROUP’s vision: putting people at the center, lighting up the future with smart and sustainable solutions, and leading progress through the light of innovation.

Highlights of Innova 2025:

LTX and LT6

A new line of Lasertube machines that combines high technology with affordability. These new models are designed to be a more accessible entry point to the tube laser market, with a focus on user-friendliness and ergonomics, made possible by automatic adjustments and numerous features aimed at making operators’ work easier and more efficient. Available in versions with either 2D (LTX) or 3D (LT6) cutting heads.

LT14 FIBER

The new fiber Lasertube for large-diameter tubes and profiles is equipped with an innovative triple-fiber laser source that efficiently balances laser power between the core and outer rings – a process called “Beam Shaping.” This ensures high cutting quality even on very thick materials, including highly reflective metals like aluminum and structural steel.

E-TURN63

The latest tube bender from the Group brings right- and left-hand in-process bending capabilities to large-diameter, heavy wall and high-strength tubes. The E-TURN63 features the next-generation VGP Next software, offering maximum versatility and flexibility to get the ****First Right Part**** with every production change. Like all BLM GROUP tube benders, the E-TURN63 can be equipped with an automatic loading system and loading/unloading robot.

LS9

BLM GROUP's sheet laser cutting offering expands with the new LS9, a high-performance machine with linear motors capable of reaching up to 3.5 g acceleration on the xy plane. The LS9 features Active Tools functions that automatically adjust processing parameters for better results in less time, regardless of operator experience. It will be presented at Innova together with the BLM GROUP-developed automatic loading and unloading system.

LT-FREE

A 5-axis laser cutting system for cutting any pre-processed 3D part, such as stamped sheets, deep-drawn parts, extrusions, die castings, bent and hydroformed tubes. The LT-FREE is highly versatile and configurable based on production needs. Thanks to continuous innovation investments, the LT-FREE now includes the new ArGo programming software and powerful, easy-to-use operator features such as Active Tools, marking, parametric geometries (Regular Shapes) and the ability to modify part programs directly on the machine – without returning to the office.

LW-S

A newly developed robotic laser welding cell that allows precise and repeatable welding of a wide range of materials, delivering strong and continuous welds without the need for post-processing. The highly configurable system can be equipped with various part-holding solutions: from a simple welding table to a chuck or even a tilting rotary table. At Innova, LW-S will be part of a broader automated production process, showcasing BLM GROUP's outstanding ability to seamlessly integrate multiple technologies.

Production Process Automation

The automation of production processes flourishes by the perfect harmony among machines, software and automation – one of the most impactful innovations in today's industrial landscape. It allows companies to respond to market challenges effectively by streamlining workflows and ensuring continuous production.

Process automation enables staff to focus on higher-value tasks, such as system programming and quality checks, rather than repetitive or physically demanding operations like unloading and storing parts. This approach leads to long-term cost reductions and increased overall plant productivity.

BLM GROUP's extensive experience with a wide range of machinery helps customers find the best solution for their needs. At Innova, an automated factory will be presented, showcasing the intelligent integration among different systems to ensure efficient material flow.

Plug & Bend

This machine option eliminates adjustment steps when changing tooling. As a result, production starts much faster and requires no specific skills from the operator, who can change tooling simply by inserting the die, clamp, slide and counter-slide into the designated mounts. Tube benders equipped with Plug & Bend feature quick-release devices for bending tools, with special focus on compatibility. Plug & Bend can be used with both fixed-radius and variable-radius bending tools.

Services

Among the many services offered by the Group, a standout is the innovative ****E-commerce service****, which allows users to define a new bending tool directly in VGP Next or VGP3D and purchase it online from the BLM portal customer hub at a highly competitive price. Rapid-change plates and related consumables are also available for online purchase.

Software

Innova visitors will experience the benefits of perfect synergy between software and machine – two indispensable components of production, both internally developed and the result of continuous R&D investment. Among various improvements, ArTube (Lasertube programming software) offers even higher levels of automation to easily and intuitively handle a wide range of applications. Cutting strategies have been optimized to suit each specific machine, including improved scrap management. Furthermore, the production management and scheduling software ****Prometheus**** continues to evolve with new features.

These innovations exemplify how Innova 2025 will illustrate the technological advancements that BLM GROUP is contributing to the metal fabrication industry and how people will “Turn on the Light” for lights-out manufacturing.



Verti-Center: A New Generation of Flexible Machining Cells



The Verti-Center represents the latest evolution in Buffoli Transfer's family of flexible machining cells, designed for manufacturers that demand high productivity, precision and adaptability within a single platform. Compared to traditional rotary-table systems with supported tables and rotating satellites, the Verti-Center introduces a higher technological standard in three key areas: structural rigidity, chip evacuation and modularity. These improvements directly address long-standing limitations in multi-station machining systems and position the platform as a strategic solution for modern, variable-volume production environments.

Design Philosophy and Mechanical Architecture

At the core of the Verti-Center is its **suspended-table architecture**, a structural choice that leaves the lower area of the machine completely open. This design eliminates obstructions below the machining zone, allowing an unobstructed flow of chips — both large and small — toward the evacuation system. In traditional supported-table designs, chip accumulation can lead to thermal deviation, process instability and additional cleaning downtime. The suspended-table configuration solves these issues at the source.

Structural rigidity has been validated through extensive **Finite Element Method (FEM) simulations**, enabling Buffoli Transfer to optimize mass distribution, reduce deformation under load and improve dynamic stability at high-speed cutting conditions. The resulting stiffness index is significantly higher

than in conventional architectures, contributing to extended tool life, improved surface finish and tighter dimensional tolerance control.

The Verti-Center derives from well-established 4- and 8-station platforms previously developed by Buffoli. These earlier systems provided the empirical foundation for load distribution, spindle orientation and optimal workflow positioning. The current generation is now standardized into **two 6-station variants**, providing compatibility across a wide range of applications.

Available Configurations

To cover a broad spectrum of machining needs, two main configurations are available:

1. Revolver-turret configuration

- Equipped with rotating clamping plates (fourth axis)
- Up to 10 revolver turrets
- Turret capacity: 6 or 8 tools per turret
- Total tool availability: **60 to 80 tools**

2. 5-axis roto-tilting configuration

- Equipped with roto-tilting clamping systems (fourth and fifth axis)
- Five vertical machining modules
- Each module fitted with an automatic tool changer
- Magazine capacity: 24 or 30 tools per module
- Total tool availability: **120 to 150 tools**

Both configurations provide exceptionally high tool capacity, enabling complex part machining without intermediate tooling changes. This is a core requirement for industries that machine families of components with frequent variant changes and tight production windows.

Operational Advantages

The Verti-Center is engineered to deliver **high performance at a competitive cost**, offering a value proposition that balances flexibility with throughput.

Key advantages include:

- **Optimal chip evacuation**

The suspended table prevents chip accumulation in critical areas, maintaining thermal stability and reducing downtime for cleaning.

- **Extended strokes**

With **300 mm available on the machining axes**, the system accommodates longer or more complex workpieces and offers wider toolpath freedom.

- **Reduced setup times**

Thanks to modularization and standardized interfaces, changeovers are streamlined without compromising process capability.

- **Multi-function capability**

Turning, drilling, tapping, milling and angular machining can be integrated within the same platform.

Machining Modules and Process Architecture

The standard configuration features **10 revolver heads**, divided into:

- **5 upper heads** for vertical or angular machining
- **5 horizontal heads** for radial or axial features

Revolver heads are configurable with 6 or 8 positions and can mount **angular heads**, enabling multi-orientation machining without repositioning the workpiece. For the 5-axis version, the roto-tilting clamping units allow machining on all faces and at any inclination. The five vertical machining centers — each with automatic tool changing — support simultaneous multi-side operations and high-precision geometric relationships between features.

Mass, Stability and Precision

With a **frame weighing approximately 28 tons** and a **total machine weight of about 58 tons**, the Verti-Center stands out for its structural solidity. High mass inherently reduces vibration and increases damping, while the machine's compact overhang design minimizes flex and dynamic deformation.

These elements combined ensure:

- superior stability during heavy-cutting operations
- consistent accuracy across long production cycles
- extended tool life and predictable wear patterns

Advanced Options

To further expand performance, several advanced options are available:

- **Multiple-piece fixturing**

Allows simultaneous machining of two parts on the same pallet, increasing throughput without extending the machine footprint.

- **Integrated tool monitoring**

Provided as a standard feature to ensure safe operation and to prevent scrap related to tool wear or breakage.

- **In-process measuring system**

Located in the loading station, it enables part measurement, automatic axis compensation and maintenance of a consistent zero point for each part.

Unlike traditional probing solutions (e.g. using auxiliary measurement cycles), this system does **not** increase cycle time — a key competitive advantage for high-volume or multi-operation machining.

A Platform for Modern Manufacturing

The Verti-Center is engineered for industries that require:

- flexible automation
- precision machining of complex geometries
- rapid changeover
- high reliability and uptime
- full integration into digital and Industry 4.0 environments

Its modularity and dual-configuration approach make it suitable for valve bodies, fittings, hydraulic components, automotive parts, fluid-control systems and precision mechanical components that demand multi-side, multi-tool operations.



MF-6300: Redefining Forging with Power, Precision, and Industry 4.0



FICEP has been providing steel forging and processing solutions globally for nearly a century, supported by a network of sales offices and agents worldwide. Over the years, the forging industry has evolved, and FICEP has actively responded by anticipating trends and offering advanced solutions.

Today, customers increasingly **request complete integrated systems rather than standalone machines.** FICEP excels in this area, offering expertise to manage complex technical requests and deliver fully integrated solutions that combine multiple technologies.

A highlight of FICEP's product range is the MF series of mechanical presses, which covers nominal forces from 2,500 kN to 80,000 kN. A key innovation in the MF series is the replacement of the traditional double reduction-torque drive with a compact planetary system featuring a transverse flywheel shaft.

This change enhances design flexibility, allows easy **interchange between single-rod and double-rod configurations** and supports both flywheel-coupled and direct-drive motors. The **inverter-driven asynchronous motor coupled to the flywheel enables precise control over energy and molding speed**, optimizing production efficiency.

The MF series also introduces **significant mechanical improvements**. Adjustment of the height of the mold bed is generally done by a mechanism inside the swing mace keeping the bed fixed, simplifying maintenance and enhancing robustness. Furthermore, **fully aligned with Industry 4.0 principles**, the MF presses are **designed with a digital twin**, a virtual prototype enriched with detailed component data, enabling **real-time simulation, performance optimization and predictive maintenance**. The press can be controlled on-site via the control panel or remotely, leveraging advanced sensor integration.



The MF-6300 exemplifies these innovations. This Mechanical Eccentric Press with Double Connecting Rod delivers an **impressive nominal force of 63,000 tons**, expanding FICEP's comprehensive forging solutions **from material cutting to forging and automation**.

Equipped with its Digital Twin, the **MF-6300 supports real-time optimization and predictive performance, offering maximum flexibility, innovation and long-term reliability**. For industries where process integration and efficiency are critical, the MF-6300 represents a decisive competitive advantage, providing a complete, integrated and high-performance solution from a single supplier.



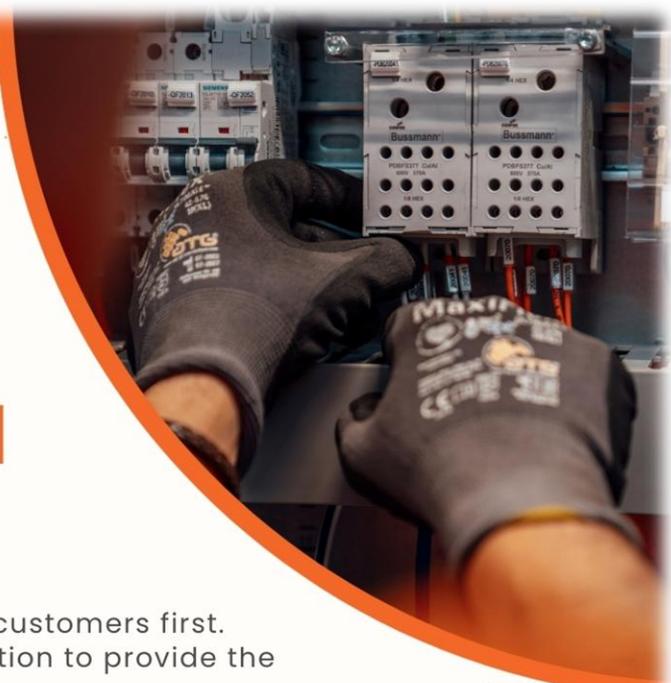
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GALDABINI'S PRODUCTION LINES

Our strong values and philosophy put customers first. We work with commitment and dedication to provide the best technology solution.



STRAIGHTENING MACHINE

With our precision straightening machines, it is possible to achieve accurate tolerances in short cycle times and reduce costly machining operations such as turning and grinding, improving the final geometry of the part.



HYDRAULIC PRESS

Ranging from 700 to 20,000 kN, our hydraulic presses are capable of achieving the highest levels of productivity, quality, and precision in the processing of products of various shapes and sizes.



MATERIAL TESTING MACHINE

Our material testing machines are capable of performing tensile, compression, bending, and impact tests.



Since its foundation in 1890, the company has always focused on specific applications for each production line.

STRAIGHTENING MACHINE

Manual and automatic straightening machines are used in various industrial sectors, from use for straightening gearbox shafts and drive shafts in the automotive world to straightening profiles such as lift guides or linear guides.

- Automotive, Transportation and E-mobility
- Oil & Gas, Steel mills and Forgings
- Profiles
- Precision Mechanics



HYDRAULIC PRESS

Hydraulic presses and automatic lines for mass production find application in various sectors, such as automotive and aerospace or cookware. The deep drawing that can be carried out through the use of hydraulic presses allows the creation of products such as filters, pots and fire extinguishers.

- Gas & Pressure tanks and Fire extinguishers
- Cookware and Houseware
- Stamping and Deep drawing
- Automotive and Aerospace



MATERIAL TESTING MACHINE

The materials testing machines and robotic systems find application in the most varied sectors, reaching universally the materials used today, as metals, alloys or plastic tests. The wide application is regulated for each individual test by International Standards.

- Plastic, Rubber and Composites
- Metal and Alloy
- Paper, Packaging and Textile
- Biomedical and Food
- Finished and Semi finished products
- Building





QUALITY, FLEXIBILITY, INNOVATION FOR INDUSTRY 5.0

As we enter 2026, Zani Spa continues to be a global leader in the design, production, and innovation of high-performance metal forming machines, such as mechanical presses, servo presses and spinning lathes. Serving industries including automotive, appliances, electronics, furniture, and renewable energies, HVAC, Zani combines quality, flexibility, innovation, and customer focus to meet the evolving demands of modern manufacturing.

Engineering Excellence and Product Range

Zani's products are engineered for precision, reliability, and performance across multiple industries.

The main product families include:

- Eccentric Presses – up to 500 tons, 400 mm stroke, 4000 mm bolster
- Link Motion Presses – up to 2500 tons, 800 mm stroke, 7000 mm bolster
- Servo Presses – up to 3200 tons, 800 mm stroke, 7000 mm bolster, with advanced torque motor control
- Complete Lines & Automation – coil lines, transfer systems, quick die change solutions from simple brackets to complex T-track systems.



Zani SPIN MASTER – Advanced Sheet Metal Lathes

The Zani SPIN MASTER lathes represent the latest evolution of traditional sheet metal turning. Equipped with advanced electronic controls, they integrate multiple operations—form turning, edging, threading, and trimming—into a single, highly efficient machine.

Designed for precision and high-performance production, SPIN MASTER lathes serve a wide range of industries, from aerospace, defence, automotive, and HVAC, where hundredth-of-a-millimeter tolerances are required—to cookware manufacturing, where high-speed production with perfectly consistent dimensions is essential.



Zani will also introduce artificial intelligence–based systems, currently under development, aimed at further enhancing machine performance and supporting preventive and predictive maintenance, both for spinning lathes and for presses.

A true benchmark for manufacturers seeking efficiency, competitiveness, flexibility, and quality.

Committed to Industry 5.0

All Zani solutions are designed with Industry 4.0 and 5.0 principles in mind, combining cutting-edge automation, digital controls, and human-centric safety and efficiency. This ensures sustainable, high-performance production environments for customers worldwide.

Customer Focus and After-Sales Support

Zani places strong emphasis on customer satisfaction. From installation to ongoing maintenance, clients benefit from dedicated support and a global after-sales network, minimizing downtime and maximizing productivity.

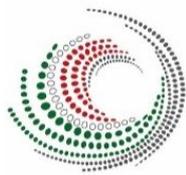
Innovation Through Continuous R&D

Through ongoing R&D, Zani anticipates market trends and integrates client feedback into new designs. This ensures solutions that are not only robust and high-performing but fully aligned with specific production needs.

Discover Zani Spa

Learn more about Zani’s capabilities, products, and global solutions:

- Catalogues & Brochures: <http://catalog.zani.net/#/0>
- YouTube Channel: <https://www.youtube.com/user/ZANIpresse>
- Website: www.zani.net
- Contact: micol.mauri@zani.net / info@zani.net



ACIMGA
made «by» Italy

ITALIAN MANUFACTURERS
ASSOCIATION OF MACHINERY
FOR THE GRAPHIC, CONVERTING
AND PAPER INDUSTRY



Acimga: 2025 Shows Stability Amid Global Uncertainty

Acimga, the Confindustria association representing Italian manufacturers of machinery for the printing and converting industry, closes 2025 with overall stable results compared to the previous year, despite a challenging global political and economic context.

Preliminary estimates indicate a slight decline in sector turnover, down 3% compared to 2024, reaching €3.104 billion. Exports remained substantially stable at -0.1%, totaling €1.811 billion, while imports showed strong growth of +16.5%, reaching €627 million. As a result, domestic demand, measured as apparent consumption, is expected to close the year with a marginal decrease of -0.3%.

Italy confirms its position as the third-largest global exporter of printing and converting machinery, holding a 10% market share. Despite ongoing geopolitical tensions and trade-related challenges—particularly concerning US–EU tariffs—the United States remains the leading destination for Italian exports, with a slight increase of +0.8% year-on-year. Strong growth was also recorded in Germany (+6.5%), Spain (+47.8%), and the United Kingdom (+50.7%), while exports to France declined by 9%.

According to Acimga’s Research Centre, Italian sector performance is broadly aligned with global trends. Worldwide turnover for the industry in 2025 is estimated to decline by 1.1%, while global exports are expected to grow modestly by +0.8%. Looking ahead to 2026, forecasts point to a more challenging outlook, with declines of 3–5 percentage points expected across turnover, exports, and imports. In this context, Acimga underlines the importance of concrete support measures for companies, including the continuity of Transition 5.0 incentives beyond 2025.

A key highlight of 2025 was Print4All, held in May. In its third edition, the event reaffirmed its role as a strategic platform for the global printing and converting industry, welcoming over 20,000 professional visitors from 68 countries and 245 exhibitors. Print4All showcased innovation, technological development and new business opportunities, with a strong focus on corrugated cardboard, new materials, and education and skills development, particularly through the WeArePrint4All Hub.

In 2025, Acimga also renewed its governance, electing Marco Calcagni as its new President, and strengthening its international role through the relaunch of Global Print, the global platform for graphic industry trade fairs, where Italy now holds the Vice Presidency.

Looking ahead, Acimga sees 2026 as a year of consolidation, leading toward Print4All 2027. A key milestone will be the Print4All Conference, scheduled for 1–2 July 2026 in Varese, which will explore the evolving relationship between humans, machines and technology under the theme “Humans Print the World”, promoting a more intelligent and sustainable future for the printing and converting industries.

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EXPORTS SLOWING, DOMESTIC MARKET HOLDING

for Italian manufacturers of plastics and rubber processing machinery

The full-year forecast for 2025 developed by the **Mecs-Amoplast Statistics Centre** paints a somewhat checkered picture of the Italian plastics and rubber processing machinery industry, also on the basis of the trend in foreign trade (data from ISTAT).

The drop in exports – on the order of -6% for January-September 2025 compared to the same period in 2024 – produces an **estimated downturn for the entire year of five percentage points** in production, three quarters of which, on average, is exported to foreign markets.

It thus appears that the **positive performance of the domestic market** – which maintained a high level of imports, grown by sixteen points with respect to the first nine months of 2024 – will not be sufficient to counterbalance the lacklustre performance of exports when the consolidated year-end result is issued.

Once again, we observe a four-year cycle for exports in the sector. After the robust post-pandemic recovery they have recorded a setback this year, influenced by **persisting turbulence in the markets**. While the contraction of exports lessened progressively to some extent over the year – raising hopes for further improvement in the final quarter – the weak global macroeconomic trend, trade tensions, and ongoing wars have all had an influence on the propensity for investment in many markets.

We observe a **slowdown in sales to all geographic areas**, with the exception of Asia, powered by the two major destinations in the Far East: sales to Chinese converters have increased by 22% and those to Indian converters by 53%.

On the other hand, negative signs are recorded in Europe, with a drop of seven percentage points with respect to January-September 2024, with fewer deliveries to Germany, France, Turkey, the Czech Republic, Switzerland, and Austria, just to name a few markets in the top twenty.

As regards North America, there is a split between the two major countries: while **sales are holding steady to the United States** – despite the great uncertainty caused by the introduction of tariffs – with a reassuring +5%, those to Mexico have collapsed (-41%) after four years of strong growth.

In South America, sales to Brazil have slowed abruptly (-37%) but have increased to other countries that have a fairly large plastics and rubber processing industry such as Argentina (+61%) and Chile (+75%).

Regarding the principal markets on the African continent, good performance among the Mediterranean countries is seen only in Egypt (+19%); in Sub-Saharan Africa, Kenya, and Nigeria closed out a positive third quarter while South Africa's purchases have dropped by half.

Export destination areas for Italian plastics and rubber processing machinery, equipment, and moulds (January-September – percentage of total and Δ% 2024-2025)

	2024	2025	Δ% 2024-2025
Europe (EU)	52.6 (41.1)	52.4 (42.9)	-7.0 (-2.6)
North America/USMCA	17.4	16.2	-13.0
Asia/Oceania	16.9	19.6	8.7
Africa	6.7	5.7	-20.5
Central/South America	6.4	6.1	-12.0
total	100.0	100.0	-6.6

“Although the full-year forecast for the domestic market is positive – partly as a consequence of governmental incentives, despite difficulties in reaping the benefits of the Transizione 5.0 measure and the sudden depletion of Industria 4.0 funds – Italian manufacturers of plastics and rubber processing machinery,” stated Amaplast president Massimo Margaglione, “are concerned about the geopolitical situation, especially as a result of the **climate of uncertainty** that obliges companies to move cautiously in planning investments.”

“The hope,” continued Margaglione, “is that governments and supranational institutions quickly implement **rebalancing policies and corrective measures** to mitigate commercial tensions and, naturally, put an end to the wars that continue to threaten global stability.”

Amaplast’s promotional activities to support Italian-made products in the sector continue unabated, with particular emphasis on maintaining a presence at trade fairs.

The first quarter of 2026 opens with coordination of the Italian collective, composed of 15 companies, at **Plastex (Cairo, 9-12 January)**, with further public relations initiatives handled by ICE-Agenzia.

This will be followed by a presence at **Plastindia (New Delhi, 5-10 February)** where, in addition to the Punto Italia, a reference point for the nearly 40 Italian direct exhibitors, an Italian Technology Day will be organized (again in collaboration with ICE-Agenzia), an event that will allow Italian companies to present themselves to local operators and network with potential customers.

Lastly, a Punto Italia will be set up also at **Expo Plasticos (Guadalajara, 24-26 March)**, where the supervisor of the Amaplast Desk in Mexico City will review the local industry.

These fairs will also be opportunities to promote **PLAST 2026 (Milan, 9-12 June)**, organized by the Amaplast service company.

www.amaplast.org

www.plastonline.org



ASSOCIAZIONE NAZIONALE COSTRUTTORI DI MACCHINE
E STAMPI PER MATERIE PLASTICHE E GOMMA

ITALIAN PLASTICS AND RUBBER PROCESSING MACHINERY
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ENABLING TECHNOLOGIES, SUBCONTRACTING.



fieramilano

13-16/10/2026

BI-MU: A 70-YEAR HISTORY THE 35TH EDITION OF THE EXHIBITION WILL BE IN THE LIMELIGHT AT FIERAMILANO RHO FROM 13 TO 16 OCTOBER 2026

From 13 to 16 October 2026, FieraMilano Rho will host the 35th edition of BI-MU, the leading Italian trade show dedicated to the industry of metal forming and metal cutting machine tools, robots, automation systems, digital and additive manufacturing, auxiliary and enabling technologies.

Promoted by **UCIMU-SISTEMI PER PRODURRE**, the Italian machine tools, robots and automation systems manufacturers' association, and organised by **EFIM-ENTE FIERE ITALIANE MACCHINE**, BI-MU is the only trade fair for the sector in Italy with international appeal, the first one to open up to the world of connectivity for the industry. Once again, the exhibition will update its product offering to meet the needs of the market, featuring **a special edition by which it will celebrate its 70-year history**.

In this connection, 35.BI-MU has chosen **“Where it all begins”** as its slogan for the new edition, which is intended to emphasize the central role of machine tools, enabling most manufacturing processes. The slogan also highlights the long and enduring tradition of this exhibition.

The trade show has been organised uninterruptedly for 70 years, becoming the reference event for the operators of the manufacturing industry, who visit its halls to view the technological product offering on show and plan their investments. **35.BI-MU is also a sustainable event**, managed and organised according to the principles of environmental, economic and social sustainability, with ICIM ISO 20121 certification.

The spotlight of the exhibition will be on the latest generation of digitalised and interconnected machines and technologies, which have integrated 4.0 solutions and automation systems, capable of enabling processes typical of the digital factory.

In addition, BI-MU will give special attention to **7 technological themes: RobotHeart**, dedicated to robotics, automation, components, systems and artificial intelligence, sponsored by SIRI (Italian Robotics and Automation Association); **AMItaly**, focused on the entire additive-manufacturing supply chain (machines, materials and post-processing software) sponsored by AITA (Italian Association of Additive Technologies); **BI-MU Digital**, regarding digital solutions for the smart factory, advanced software, technologies for connectivity, data management and data security, sensors and self-adaptive systems; **Metrology and Testing**, offering measuring instruments, testing machines, machine vision; **Power4Machines**, dedicated to components for mechanical, electrical and pneumatic power transmission, sponsored by FEDERTEC (Association of the Italian Production Chain of Mechatronic Technologies and Components for Fluid Power); **Heat and Surface Treatments**, focused on plants and systems for improving the performance of materials. A new theme in this edition will be **Tool Tech**, centred on advanced tools for efficient, high-precision production.

The exhibition product offerings will be completed with an overview of **Revamping & Retrofitting**, showcasing a selection of machines and systems, which have been properly reconditioned and upgraded to meet the needs of a market that is complementary to that of “new” equipment.

As per tradition, the trade show will be enriched with cultural, thematic insights thanks to a full programme of meetings arranged by the organisers and exhibitors, which will be hosted in the **BI-MUpiù** arena.

Moreover, BI-MU will propose the **Education & Job** project, conceived with the aim of bringing the world of education closer to the enterprises that strongly need to rely on motivated and well-prepared young people, able to operate in the factories of the future. 35.BI-MU will offer a special programme of initiatives dedicated to students. The key initiative will be the second edition of **ROBOTGAMES**, the robotics and automation contest for high school students.

A new initiative for the edition no. 35 is **BI-MU FUTURTECH Awards 2026**, an award celebrating the most innovative solutions in manufacturing. Open to all exhibitors, the contest will reward excellence in mechanical technology, digitalisation and sustainability. A jury of experts will select the winners through technical evaluations and visits to the stands.

Finally, the organisers have already launched **the programme of events leading up to the exhibition**. Following the “Machine Tool and Mechanics Convention” at the Alfa Romeo Museum and the conference “Speed, Innovation, Value: The Event that Accelerates your Additive Business”, hosted at the Mille Miglia Museum in Brescia, both held in June, the next meeting will be “The Robot Protagonist of Logistics” at the Volandia Museum on Wednesday, 15 October.

Updated information and details regarding participation are available at **bimu.it**. To celebrate this important milestone together with companies, the organisers of 35.BI-MU have developed, among other things, a special discount policy that can already be viewed online.

Cinisello Balsamo, 13 October 2025

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