# NEWS LETTER

## ISSUE 78th
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**Italian Technology Center India**

BLM GROUP | BUFFOLI INDUSTRIES | FICEP | GALDABINI 1890 | ZANI presse

**Italian Technology Center**
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Italian Technology Center India

# 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

## TUBE 2026 ACCORDING TO BLM GROUP: MANY TECHNOLOGIES, ONE PARTNER

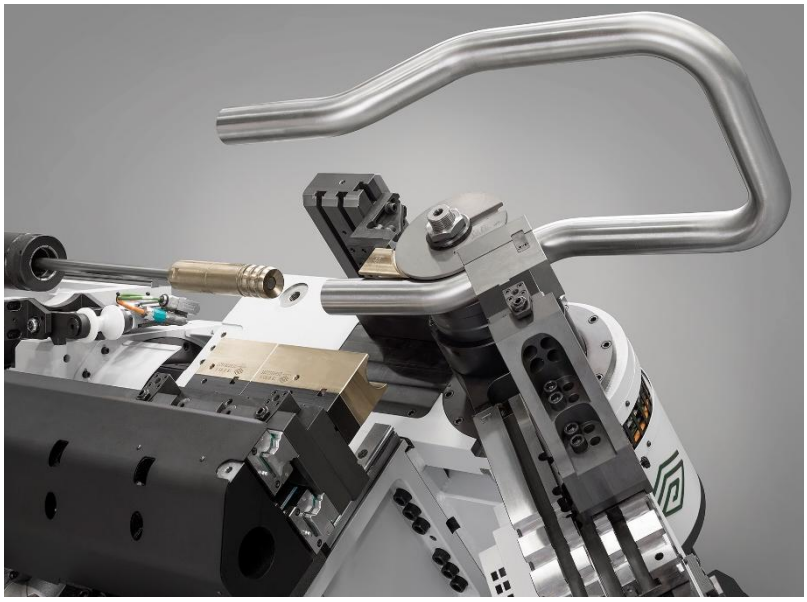
BLM GROUP will take part in Tube 2026, the leading international trade fair for tube processing, scheduled from April 13 to 17 at the exhibition center in Düsseldorf, with a clear claim: "***Many technologies, ONE partner***." A message that reflects over sixty years of industrial evolution and the development of a wide range of technological solutions, created to meet an increasingly clear market demand: having a single partner capable of delivering complete, integrated and reliable solutions. The ideal partner to unlock unlimited production possibilities.

In Hall 5, Stand J22, the company will showcase a broad and structured product portfolio, designed to adapt to diverse and constantly evolving production environments.

Through the integration of advanced software, artificial intelligence, digital services and mechanical innovations, a new way of approaching tube bending has been created. An intelligent ecosystem that makes the process accessible to every operator: from guided programming with VGPNext, to the management, generation and purchasing of bending tools, all the way to the automatic calculation of technological parameters thanks to artificial intelligence.

This integrated ecosystem combines machines, software and services, eliminating dependence on specialist know-how and ensuring greater efficiency, quality and operational continuity.

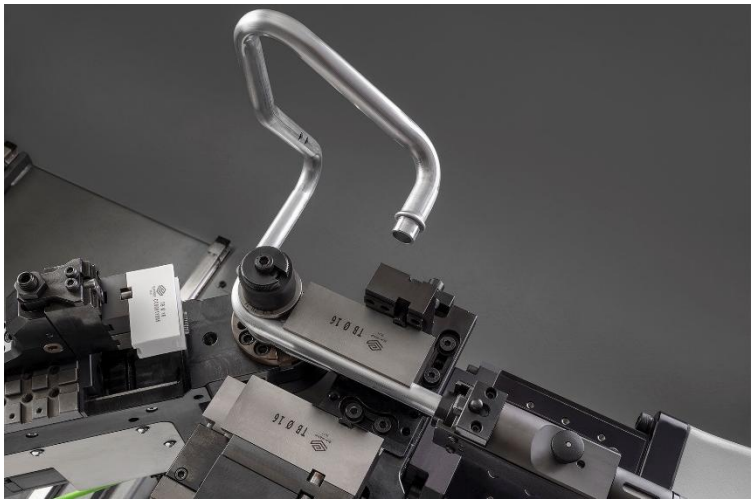
**E-TURN63**



**Integration and scalability: key elements for future production**

Lasertube, tube bending, 5-axis laser cutting and welding are the four elements that make up the robotic cell concept on display at the exhibition. Stand-alone technologies designed to be integrated with one another even after purchase, following a scalable approach. This strategy allows companies to quickly adapt to changing demand, keep

pace with innovation and optimize costs through gradual investments aligned with business growth.
The system, shown with an intermediate level of automation, includes LT6, E-TURN63 and LTFREE and is engaged in the production of components for the automotive and motorcycle sectors. The robotic welding cell LW-S completes the processing of one of the parts, with some of its main components on display.

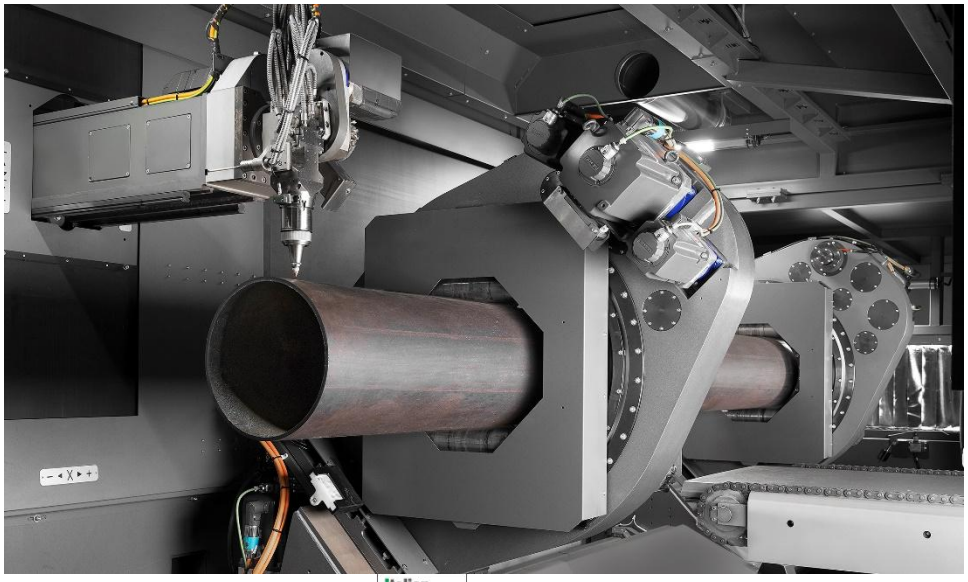


**Bending from coil with mandrel: one single machine.** PRO-RUNNER28 is the ideal solution for those seeking to combine productivity and tube bending with high aesthetic quality. This system integrates coil processing, mandrel bending and innovative technological solutions, all in a single machine.

Orbital cutting technology enables **in-line cutting during the bending phase,** reducing cycle times and material waste. Programming is simple and intuitive thanks to VGPNext software, which guides the operator step by step, from part import to simulation.

**A powerful fiber Lasertube for large-diameter tubes and profiles**. LT14 FIBER is the fiber Lasertube system for tubes and profiles up to 355 mm in diameter and weighing up to 100 kg/m. Thanks to its innovative multi-fiber laser source, LT14 FIBER reduces cutting times on thin materials and ensures higher quality on thicker ones.

The three mandrels of LT14 FIBER guarantee optimal clamping based on thickness, diameter and material type, delivering maximum precision with fully automatic setup and significant time savings. Furthermore, with the “zero scrap” mode, the tail carriage detaches to cut the end of the bar and make the most of the available material.



***LT14- FIBER***

**MyBLM: the new tailored consulting service to increase productivity and ROI**

MyBLM is the service developed by BLM GROUP to support customers in achieving maximum production efficiency throughout the entire lifecycle of their systems. It is not simply a support service, but a structured optimization path built around the specific needs of each company. The system start-up phase includes customized training and on-site assistance, with the goal of enabling operators to quickly become autonomous and allowing machines to reach stable and efficient operating conditions from the outset. Once full operation is achieved, MyBLM supports customers over time through performance monitoring, process analysis and the continuous identification of improvement opportunities. The service helps optimize system utilization, maintaining high levels of efficiency even as production requirements evolve.

With MyBLM, investment in BLM GROUP technology is protected, optimized and enhanced over time, transforming the machine into a tool capable of generating ongoing value and productivity.

**Services**

**Always close to the customer with dedicated solutions**

BLM GROUP offers a wide catalog of services designed to transfer its experience to the benefit of the customer and accompany them throughout the entire life cycle of the system, so as to maintain the highest level of efficiency and machine availability.

For companies using high-tech production systems, services such as assistance, maintenance and staff training is essential to fully leverage plant potential over time. For customers, access to these services must be simple, convenient and fast. In any production environment, BLM GROUP offers a comprehensive range of solutions for processing tubes, sheet metal and any three-dimensional metal profile, enhanced by dedicated software solutions and a portfolio of services that provide customers with full 360-degree support.

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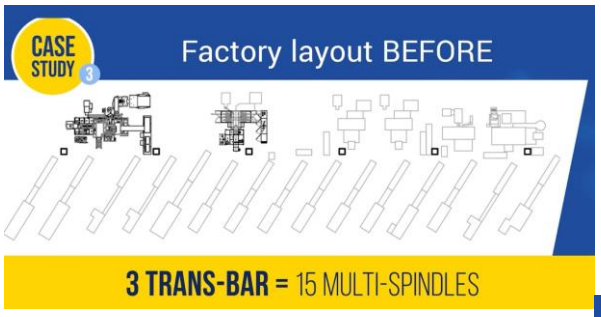
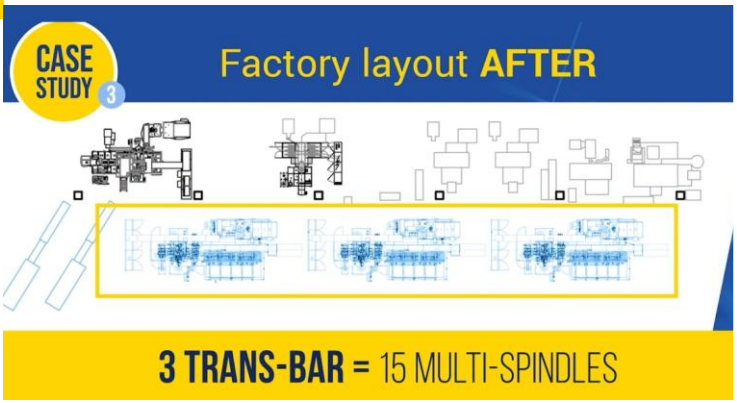
BUFFOLI INDUSTRIES

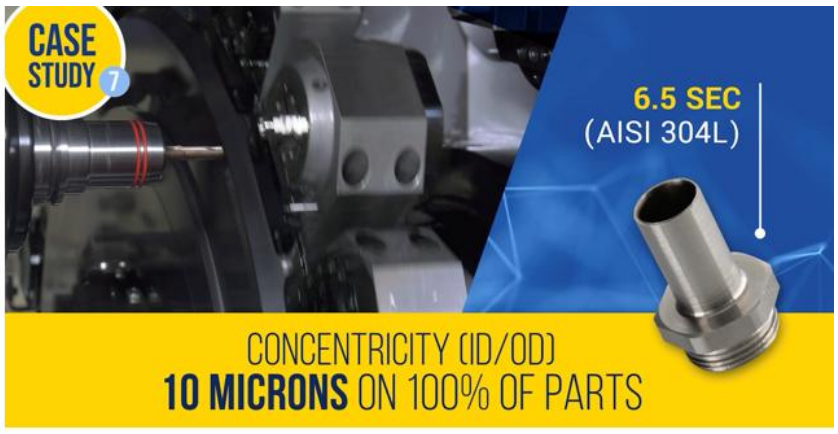
**IS TIME TO REPLACE YOUR SCREW MACHINES WITH BUFFOLI TRANSBAR**



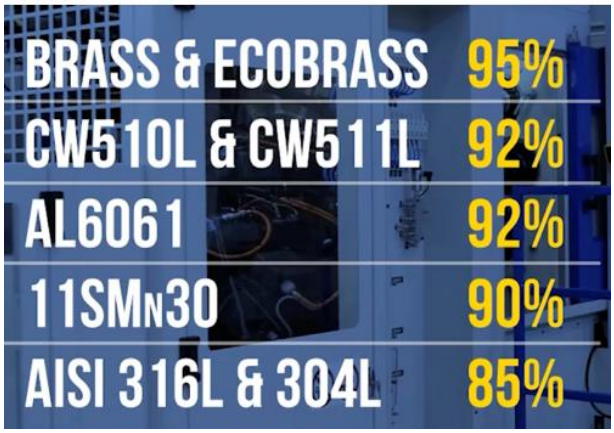

1. REDUCED FOOTPRINT AREA
2. REDUCED OPERATORS
3. FULL CNC
4. INTEGRATED AUTOMATION
5. INTERFACE WITH ERP
6. QUICK CHANGE OVER




1. UNBEATABLE ACCURACY
2. UPTO 3 TIMES BETTER THAN SWISS LATHE
3. EASY CHIP HANDLING ON SST AND LFB



## Unbeatable OEE




## Maximum Flexibility and Reduced Lot Size


| | BUFFOLI | Multi spindle |
|---|---|---|
| Machine Model | 2D TRB 10-9 (2x) | GM25 (8x) |
| Area Footprint ($m^2$) | 93 | 144 |
| Operators Per Shift | 1 | 3 |
| CT (s) | 2.4 | 7.2 |
| Change Over Time, including Part Approval (Hrs) | 2 | 16 |
| OEE | 95% | 65% |
| Lost parts in Chip Conveyor | 0 | 3% |
| Average Tool/Cut Off/Broaching (1,000 Pieces) | 300/600/500 | 100/50/25 |
| Slot Milling Vs. Poly-turning (1,000 Pieces) | 250 | 30 |
| Volume (Year/life in Million Pieces) | 7.5/135 | 1.7/34 |
| Coolant | Water Base | Oil |
| Number of Stops on Automatic assembly line (1 Yr) | 2 | 300,000 |
| Machine Age/Still in Production | 18/Yes | 20/No, Scrapped |
| ROI (Years) | 1 | 6 |

Benchmark Part

Other Parts On this TRB

## HIGH-EFFICIENCY PRODUCTION LINES FOR COOKWARE & BAKEWARE

With over a century of engineering expertise, Galdabini is recognized internationally for its commitment to precision, reliability, and technological innovation in metal forming, straightening and material testing. Founded on strong mechanical traditions and continuously evolving through research and advanced manufacturing capabilities, the company delivers solutions that meet the highest standards of performance and durability. Its long-standing presence in the global market reflects a consistent focus on quality, process optimization, innovation and customer-oriented engineering. Today, Galdabini supports a wide range of industrial sectors with equipment designed to ensure efficiency, repeatability, and long-term value.

### Integrated production lines for cookware & bakeware

The solutions developed to produce cookware and bakeware items combine efficiency, precision and operational continuity, meeting the needs of a sector that demands high performance and consistent quality. Leveraging experience in metal forming and advanced technological capabilities, complete and fully integrated production lines are designed for the transformation of coated and uncoated steels, enabling the manufacturing of pots, pans, trays, and oven molds.

The lines typically consist of 4 or 5 presses in sequence, each dedicated to a specific phase of the forming cycle. This modular configuration ensures a highly synchronized production flow, suitable both for deep-drawn cookware and for bakeware components with variable geometries.

## Main process steps

- **Drawing from blank**
  Initial forming of the piece from a pre-cut blank, ensuring optimal material flow and accurate geometry.
- **Peripheral trimming**
  Removal of excess material to achieve clean edges and consistent dimensions.
- **Edge preforming**
  Controlled preforming of the rim to ensure stability, robustness, and uniformity of the profile.
- **Edge closing**
  Final closing of the rim, essential for aesthetic quality, user safety, and long-term durability of the finished product.

## Performance and Advantages

The integration of all process stations enables productivity levels of up to 600 pieces per hour, with optimized, repeatable operations suitable for high-volume manufacturing. Precision workmanship and process automation ensure consistent quality standards both in cookware production, where depth and strength are key factors, and in bakeware, which requires perfectly defined shapes and impeccable edges.


These lines represent an advanced technological solution for the industrial production of items for food cooking and preparation, delivering an optimal balance of productivity, quality, and long-term reliability.

## ZANI SPA – EXPANDING PERFORMANCE

**Introducing Our New Generation of High-Precision Lathes**

Zani SpA Metal Forming Machines proudly introduces its new line of high-precision lathes, engineered to deliver superior performance, long-term reliability, and intelligent process control.

Building on decades of expertise in metal forming machines, Zani continues to expand its technological capabilities, offering advanced turning solutions designed to meet the demands of modern, high-performance industries.

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**High Precision Across Strategic Industries**

Our new lathe line ensures outstanding machining accuracy, stability, and repeatability, making it ideal for applications in defence, aerospace, automotive, lighting, HVAC, packaging and many others.

Engineered with high structural rigidity and premium components, Zani lathes guarantee dimensional precision and consistent part quality, even in demanding production environments.


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**Smart Innovation: AI-Driven Machine Intelligence**

Zani is actively developing advanced Artificial Intelligence systems to enhance both presses and lathes through:

**Predictive & Preventive Maintenance**

- Real-time monitoring of machine parameters
- Early detection of wear and anomalies

- Reduction of unplanned downtime
- Optimized maintenance scheduling

This approach improves machine availability, reduces operational costs, and increases production reliability.

**Advanced Machine Cycle Setup Systems**

These innovations reflect our commitment to Industry 4.0 and the future of smart manufacturing for both spinning lathes and presses.

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**Our Core Values Drive Every Machine:**

**QUALITY**

All Zani machines are built with premium materials and undergo rigorous testing. Our ISO 9001 certification confirms our commitment to high-quality standards across all processes.

**FLEXIBILITY**

We design adaptable solutions tailored to specific production requirements, maximizing operational efficiency.

**INNOVATION**

Continuous investment in R&D ensures cutting-edge performance and technological leadership.

**CUSTOMER FOCUS**

We integrate the Voice of the Customer (VOC) into product development to deliver solutions aligned with real production needs.

**AFTER-SALES ASSISTANCE**

From installation to long-term support, Zani ensures operational continuity through: dedicated after-sales specialists, established local authorized service networks, prompt technical support and spare parts availability. Our structured service organization ensures reliability, responsiveness, and minimized downtime.


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Zani also leads in advanced servo press technology, offering machines from 130 up to 3200 tons, with stroke lengths up to 800 mm and bolsters up to 7000 mm. Equipped with torque motors directly linked to the kinematic system (without flywheel or clutch), they can reproduce any motion law, ensuring energy savings, maximum flexibility, and strategic backup capability. Our range is completed by slowed-down mechanical and eccentric presses, all engineered on demand to customer specifications, with the possibility to supply complete turnkey lines, not only standalone machines.


**Engineering the Future of Precision**

With the introduction of our new lathe line and ongoing AI-driven innovation, Zani confirms its commitment to supporting manufacturers with reliable, intelligent, and future-ready metal forming and machining solutions.

For further information, please visit: www.zani.net
**Zani SpA Metal Forming Machines:** Engineering Performance. Delivering Reliability.

## 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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AMAPLAST

## PLAST 2026: GROWING NUMBER OF NEW EXHIBITORS

PLAST 2026 is preparing for its twentieth edition, scheduled for 9-12 June 2026 at Fiera Milano, registering a positive performance despite the complex international geopolitical and economic scenario characterized by trade tensions and instability in global markets.

The Milan-based event, Europe's premier trade fair of the year for the plastics and rubber sector, demonstrates its resilience with the participation of over 160 new exhibitors to date compared to the previous edition, 30% of which are represented by international companies. This result takes on particular significance in a decidedly unstable market context, which sees strategic sectors such as automotive undergoing a phase of transformation and adaptation to current global dynamics.

The ability to attract new exhibitors confirms the solidity and international appeal of PLAST and underlines the sector's growing confidence in the Milan event as a reference platform for presenting innovations and developing commercial partnerships.

The organisation also aims to significantly increase the presence of international visitors with representatives from the main destination countries for Italian exports, thanks to buyer delegations organised in collaboration with Italian Trade Agency and strategic agreements with important trade associations, both within the sector and representative of target markets.

Free pre-registration for visitors was activated on March 2, 2026.

The event will further enrich its offering with a programme of side events to be announced in the coming weeks.

**A market of strong potential**

The "Made in Europe" machinery segment is strongly export orientation, including towards emerging markets with growing investment propensity, and maintains a strategic role in the global scenario. Access to these markets represents a fundamental lever for consolidating the excellence of European companies, particularly manufacturers of machinery for plastics and rubber processing.

**Innovation and technology at the center**

The twentieth edition promises to be an exclusive showcase for the most advanced solutions for the plastics and rubber industry, confirming the tradition of excellence that has characterized the Milan event for decades and responding to growing requirements in terms of technological innovation and environmental sustainability in the sector.

**PLAST**

PLAST 2026 is Europe's leading trade fair of the year dedicated to the plastics and rubber industry, scheduled for 9-12 June at Fiera Milano. Organised by Promaplast srl (service company of AMAPLAST), the event represents the reference platform for the presentation of processing equipment for plastics and rubber and state-of-the-art raw materials for the production of semi-finished and finished products, as well as a unique opportunity for establishing new commercial relationships.

www.plastonline.org
www.amaplast.org

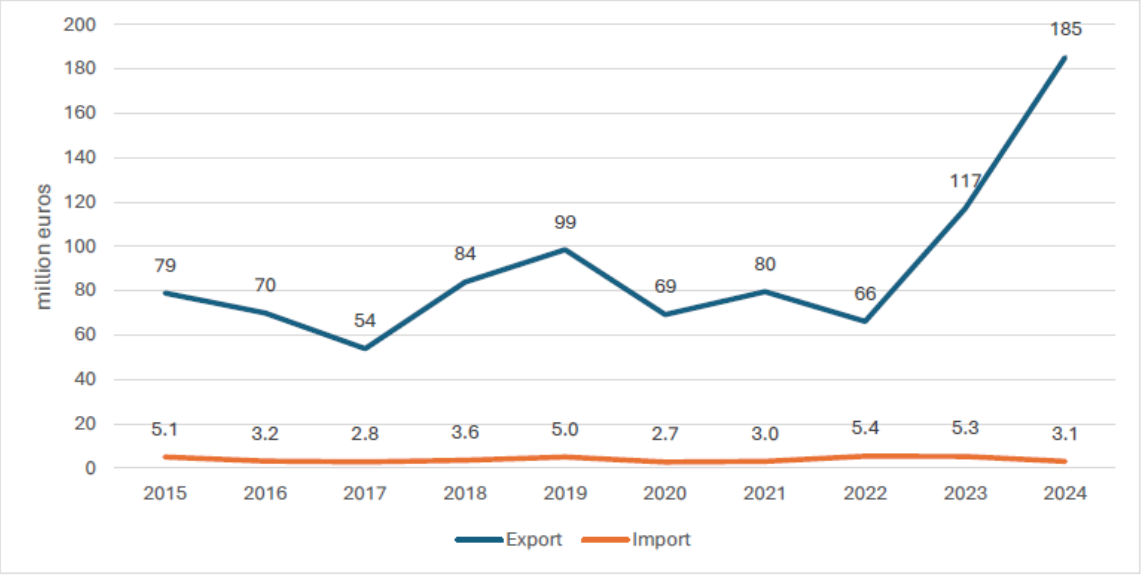
UCIMU-SISTEMI PER PRODURRE

# ITALIAN MACHINE TOOLS IN INDIA: LEADING TECHNOLOGY FOR MANUFACTURING GROWTH
# INDIA IS THE TOP ASIAN MARKET FOR ITALIAN MACHINE TOOLS: EXPLORE THE LATEST INNOVATIONS AT 35.BI-MU!

In the last 10 years India increased its purchases of Italian machine tools and climbed the ranking of destination countries: in 2024, the last year with complete data, India was the sixth foreign market, with a share of 4.7% and a value of 185 million euros. In Asia, only China imported more Italian machinery, highlighting India's strategic importance in the region.

Despite a general slowdown in global demand, the **January–November 2025** period saw Italian machine tool exports to India decrease only slightly, by 11.7%, reaching 151 million euros. India maintained its sixth position globally and remained the top Asian market for Italian machine tools, confirming its role as a key destination for high-quality Italian technology.

Machine tool trade with India




*Source: UCIMU on ISTAT data*


For companies and professionals looking to explore the latest Italian innovations in machine tools, 35.BI-MU - taking place from 13th to 16th October 2026, at Fiera Milano Rho – offers an unmissable opportunity: the most important Italian exhibition dedicated to the manufacturing industry of metal cutting and metal forming machine tools, robots, automation, digital and additive manufacturing, auxiliary and enabling technologies.

In addition to highlighting machine tools and production systems, BI-MU will give special attention to robots, additive manufacturing, digital manufacturing, metrology systems, power transmission systems, surface heat treatments and tooling, identified as the seven technological themes of this edition.

Promoted by UCIMU-SISTEMI PER PRODURRE, the Italian machine tools, robots and automation systems manufacturers' association, and organised by EFIM-ENTE FIERE ITALIANE MACCHINE, 35.BI-MU is a sustainable event, managed according to the principles of environmental, economic and social sustainability, with ICIM ISO 20121.

Don't miss this chance to experience Italian excellence in machine tools!

For more information on 35.BI-MU, visit the official website:
https://www.bimu.it/en/

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## GET IN TOUCH WITH ITC MEMBER COMPANIES FOR YOUR BUSINESS ENQUIRIES!

marketing@itc-india.in

| ITC MEMBER COMPANIES | PRODUCTION DETAILS |
|---|---|
| BLM GROUP | Tube processing machines, LaserTube cutting, CNC Tube bending, end- forming, automatic sawing, Wire bending machines, Five Axis Laser cutting machines, Laser sheet cutting machines. www.blmgroup.com |
| BUFFOLI INDUSTRIES | CNC Rotary Transfer Machines (Bar or Blanks), complete with automation, robotic and gaging systems. IoT (I4.0) technology and software. www.buffoli.com |
| FICEP | CNC lines for the processing of profiles and plates for the steel construction industry (drilling, milling, marking, scribing, sawing, plasma and oxy cutting, punching, shearing). Hydraulic, mechanical andscrew presses, shears, saws and automation for theforging industry. www.ficepgroup.com/en |
| GALDABINI 1890 | Precision straightening machines, material testing machines and hydraulic presses. www.galdabini.eu |
| ZANI presse | Customized mechanical presses, servo presses, and spinning lathes. www.zani.net/en |

**Visit ITC website: www.itc-india.in**