

NEWSLETTER



**Italian
Technology
Center**

India





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ABOUT US

ITALIAN TECHNOLOGY CENTER (ITC) is a network of seven 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 an 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 will be presided by its Indian SPV (Rare Tech Projects Pvt. Ltd. - Mr. Sandeep Chadha (Director); www.raretech.org).



President Mr Losma

ITC network and its Member Companies are deeply saddened by the passing of their President Mr. Giancarlo Losma, of whom we all could appreciate the passion, ability and humanity, distinctive of his way of being and of being entrepreneur.

ITALIAN TECHNOLOGY CENTER, Business Network of seven Italian capital goods companies, loses its historical President that, since the beginning of ITC, was engaged in its development and growth, leaving a deep emptiness also in the hearts of its Member Companies and its collaborators of the India staff in Pune and in Delhi.

As visionary entrepreneur, Mr Giancarlo Losma lived his role in UCIMU-SISTEMI PER PRODURRE (Italian machine tools, robots and automation systems manufacturers' association) with great competence and commitment, becoming UCIMU President in 2008, always promoting aggregative activities for its Members.

He was among the promoters of the creation of the ITC business network established in India in 2012, when he was president of FEDERMACCHINE, the Italian Federation of Associations of Manufacturers of Capital Goods, that includes 12 Associations. Since the beginning Mr Losma decided to join ITC with the important role of President with his company, Losma SpA, as leader-company of the ITC network to give a clear roadmap to the project. He was among the first ones to understand the strategic importance and the innovative capacity of ITC project: a constant support to their companies' promotion in India carried out by qualified Indian staff.

As always mentioned by Mr Losma, being part of ITC means above all aggregation and sharing of resources and experiences of entrepreneurs of Italian companies, among which a bond of trust and a spirit of flexible collaboration is established to achieve common objectives in the Indian market.

"This experience in ITC is a further confirmation for me of how being part of associations and business networks enriches our cultural background, making our companies stronger and ready to face new challenges. Very often it is the most suitable tool to bring distant markets closer to those SMEs that are not able to go there alone."

With this spirit of aggregation and collaboration, ITC will always remember its President Mr Losma, his passion, his enthusiasm and his great kindness and will go on keeping in mind his teachings and his way of being and of being entrepreneur. His legacy will be a strong support for the future.



Future Factory moves to September 2021

Briganti: we are ready to increase the physical presence for a large networking event, embracing a wider community



If current events are a challenge, Acimga is ready to respond and evolve. In light of the n° 52 Decree of April 22, 2021 which allows to hold live conferences and events starting from July 1st, the association has decided to move its event, scheduled for June 10 - 11, after the summer break. Future Factory 2021 will be held in September in Milan, as a physical networking and meeting event combined with the possibility to follow the event in streaming.

Not only that. In line with the communication shift we have been witnessing and that is at the core of the Future Factory concept, postponing the 2021 edition aims at an audience expansion, shifting the target from the supply chain, historical reference of the great annual event, to a much wider community. With more and more consumers asking industries and businesses to be socially and environmentally accountable, it becomes essential to develop a communication based on the creation of concrete and tangible actions, starting with shared core values.

Actions that must necessarily speak to all the actors in the communication chain, and that, for Acimga, translate into involving the marketing and communication world both at national and at European and global level. Thanks to the partners and sponsors of the event, Future Factory 2021 also becomes the opportunity to present a wide-ranging vision, able to align communication and strategies, shifting the main attention from the supply chain to the whole community that gravitates around it.

The rich program presented during the April 14th preview remains unchanged. Hosted by Matteo Bordone, Future Factory will see Alec Ross, Distinguished Visiting Professor at Bologna Business School and senior adviser on innovation to the Secretary of State during the Obama administration, analyse the changing dynamics in the socio-economic context; Ivana Pais, Associate Professor in Economic Sociology at Università Cattolica del Sacro Cuore, together with David Stark, Arthur Lehman Professor of Sociology at Columbia University, going deep into the economic platform models; Paola Mariani, Associate Professor of International Law at Università Bocconi in Milan, looking at economic issues in close relation to international law; Bertrand Badré, CEO and founder of Blue like an Orange Sustainable Capital, reflecting on the future of the business organization. Finally, other contributions will provide new views on the industry, looking at future guidelines for the coming years.

"Once again Future Factory proves to be resilient and with a great vision of the future", says Andrea Briganti General Manager of Acimga. The 2020 edition of *Print4All Conference - Future Factory - Printing the future, now. Streaming.* marked a turning point in the panorama of supply chain events and was rewarded with a great success of audience, reaching almost 1400 participants, a third of which international. The current situation doesn't find us unprepared and even in 2021 the event reinvents itself and evolves, with the goal of creating content and aggregating values in view of Print4All, our trade fair of 3-6 May 2022."

Future Factory is organized by Acimga (Italian Manufacturers Association of Machinery for the Graphic, Converting and Paper Industries) with the support of ITA - Italian Trade Agency the Governmental agency that supports the business development of Italian companies abroad and promotes the attraction of foreign investment in Italy. Future Factory is a new dialogue opportunity for the whole sector and is the main event in the roadmap towards the Print4All fair, scheduled on 3-6 May 2022.

Acimga is the association inside Confindustria representing all printing, packaging, and converting technologies, uniting 82 companies for an industrial sector worth about 3 billion in turnover, 60% of which from exports. Italy is in the top 3 manufacturers for these machines globally (along with Germany and China) with its strengths being mechanical technologies, combined with the latest electronic innovations.

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FIRST QUARTER 2021: MACHINE TOOL ORDERS START TO GROW AGAIN (+48.6%)**DOMESTIC ORDERS +157.9%. FOREIGN ORDERS +30.5%**

In the first quarter of 2021, the orders of machine tools collected by Italian manufacturers started to grow again. In particular, the UCIMU index processed by the Economic Studies Department & Business Culture of the Association showed a 48.6% upturn in the first three months of the year compared with the same period of 2020. The absolute value of the index was 169 (base 100 in 2015).

The overall outcome was mainly due to the excellent performance of manufacturers on the domestic market. Indeed, **on the internal market**, Italian manufacturers registered a **157.9% increase in the collected orders** compared with the same period of the previous year. The absolute value of the index was 195.5.

On the foreign front, orders rose by 30.5% versus the period January-March 2020. The absolute value of the index was 155.

"The data recorded in the first quarter - stated the president of UCIMU-SISTEMI PER PRODURRE, **Barbara Colombo** - are surely positive and allow us to take a little breath after months of great difficulty. This said, the registered increases must to be carefully considered. As a matter of fact, they are compared with the results obtained in the first part of 2020, which was a very difficult period, because, from the end of February, we actually had to face the first effects of the international pandemic".

"Already at the end of 2020 we had perceived that the domestic market had started to make orders increasingly and now it is showing a good performance, also supported by the incentive measures for investments in new production technologies established in the Transition Plan 4.0. Even the indications collected in the foreign markets are positive, but the recovery shows different speeds: China and the United States highlight a very dynamic business activity, whereas the countries of the Euro area have just started to pick up".

"The fact that the world is starting again to make investments in new machine tools and new automation systems is undoubtedly excellent news, but we, the manufacturers, risk being partially uninvolved in the opportunities that some markets are able to offer presently, due to the prolonged restrictions to the mobility of people".

"For this reason, - continued President **Barbara Colombo** - considering that EMO MILANO 2021 is scheduled to take place at fieramilano Rho from 4 to 9 October, i.e. in the last quarter of the year that should reasonably coincide with a return to normal thanks to mass vaccination, it will be for us, the Italian manufacturers, an even more important event. On this occasion, we should make the most of all the opportunities offered by an occurrence of such relevance, which will be held again in Italy after 6 years and, most of all, after one and a half year of unavoidable stop to all international exhibitions".

Market indications, along with the progress of the vaccination campaign that, over the last two weeks, finally seems to be finally in full swing even in Italy, raise hopes for the success of EMO MILANO 2021, where the exhibiting enterprises will present their product offering to the operators of the world manufacturing industry arriving in Milan.

To date, the exhibition secretariat has collected applications to exhibit from 28 countries worldwide; the leading international players have already confirmed their participation, being aware of the enormous potential offered by the event. Nevertheless, there are still companies that, before confirming their presence, prefer to wait for more certainties about the procedures with which the trade show will take place.

"Therefore, – concluded the president of UCIMU – we ask the Government authorities to give us clear and precise indications as soon as possible, because, even if there are still six months before EMO MILANO 2021, the organisation to participate in such an event has to be defined now".

Cinisello Balsamo, 15 April 2021

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BLM GROUP

Laser Cutting of Structural Components

The precision and technological features of laser cutting are opening new perspectives in the production of joints to be welded in the structural applications, making it possible to create complex geometry connections with greater accuracy and speed than in the past.

The possible operations on large diameter pipes or beams are mainly:

- **Processing on the end of the tube**, generally consisting of cutting to size, notching for inserting joints or fittings of various types, chamfers or teeth for facilitating post - cutting assembly and welding operations
- **Processing along the central part**, generally consisting of lightening cuts, notches for passing pipes, geometries of various types for intersecting other beams, tubes or components

Particularly important for the constructions sector is the creation of **joints**. The fundamental connecting elements between beams and/or pipes are being constantly developed in steel constructions.



HE beam and tube joint created with LT24, the laser cutting system for large-size tubes and profiles made by BLM GROUP.

The main advantages of laser cutting in this field include:

- Material savings and ease of assembly
- Accuracy and quality
- Making ready-to-weld parts in one process.



Joint made with the LT24 laser cutting system for large-size tubes and profiles by BLM GROUP.

The joint shown above is a practical example. Made **without using bolts, rivets, or other connecting elements**, it allowed a **saving of 63% material weight and 62% production cost**.

The following picture compares the same type of joint made using plates and bolts (picture A) and the individual construction elements of the joint made using an **LT24** laser cutting system (pictures B, C, D).



Drawing of the joint made using bolts and plates (a), top view of the joint made with LT24 laser cutting system for large-size tubes and profiles (b), processing on IPE beam that passes through the joint (c), processing of the end of the tube on the other two IPE beams (d).



Preparation of a tubular element for a welded joint on the LT24 BLM GROUP tube laser cutting system.



3D laser cutting makes it possible to make chamfers with the correct inclination to optimize the penetration of the filler material during welding, as well as teeth to maintain the positioning of the parts and the distance between the edges.



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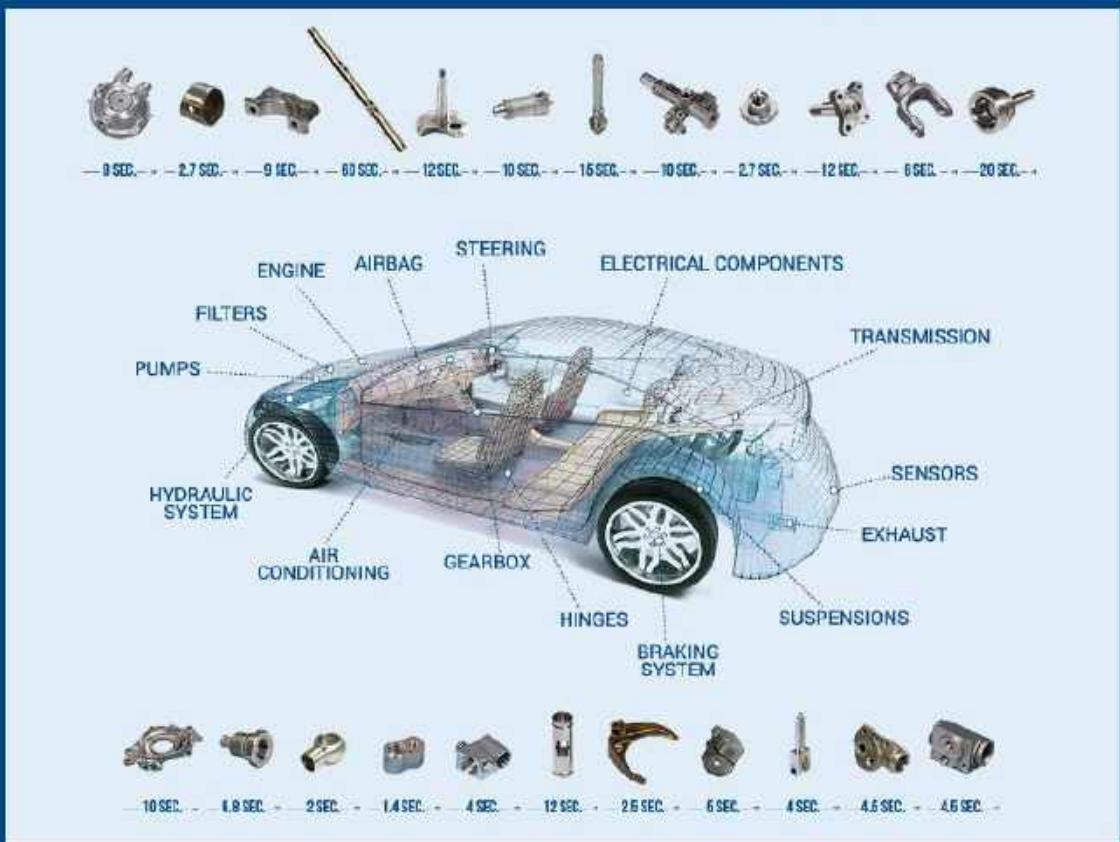
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LOSMA presents Galileo Extra with X-View sensor

LOSMA, leader in the design and construction of filtration systems for air and liquids for the mechanical and machine tools industry, presents its **range of air filters equipped with sensor: Galileo EXTRA and X-view**.

More filtration efficiency and more static pressure are the results of the Galileo EXTRA, the patented filtration system for mists, vapours and fumes generated by manufacturing applications. Available in 5 models with flow rates from 245 to 2,750 m³/h, Galileo EXTRA technology combines **static and dynamic filtration** to ensure maximum efficiency. It is equipped with a turbine that aspirates oil mists and polluting particles in the air, which join together and return to the liquid state due to centrifugal force. Before being returned to the environment, the air passes through a new multilayer filter capable of retaining even the smallest particles.



Among the advantages of Galileo EXTRA there are also its **compact dimensions** and its very **low power consumption**.

Galileo EXTRA also ensures quick, **simple maintenance**: you only need to periodically replace the filters through the special lightweight, handy inspection cover.

Innovative design: Galileo EXTRA combines Italian design with the most modern technologies.

Galileo EXTRA can also be combined with the **clogging sensor X-View** (patent pending). This new generation sensor indicates the **clogging status on the filters**, simply and immediately signalling when they need to be changed, thanks to its **LED light signalling system**. Thanks to its Self-learning function, it will automatically set its starting point to the flow, no matter which is the condition of installation.

X-View internal software can also detect if the air filter has immediate or progressive fluctuations in flow due to eventual piping obstruction or malfunctions.

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SPOTTING PRESSES BV

Model	Platen dimensions mm
BV 25P	780 x 660
BV 26C	980 x 750
BV 26E	980 x 750
BV 28F	1200 x 1000
BV 30E	1500 x 1000
BV 32E	1600 x 1300
BV 33E	1600 x 1300
BV 34F	2000 x 1500
BV 35E	2000 x 1500

All E models are available with rotating and tilting table



SPOTTING PRESSES MIL CLASSIC

Model	Platen dimensions mm
MIL 142-143	1400 x 1200
MIL 162-163	1600 x 1300
MIL 202-203	2000 x 1500
MIL 252-253	2500 x 1700
MIL 162-163	2500 x 2000
MIL 302-303-304	3000 x 2000
MIL 305	3000 x 2400
MIL 306	3500 x 2400
MIL 307	3500 x 2500
MIL 403	4000 x 2500
MIL 409	4000 x 4000
MIL 509	5000 x 2500

All models are available with rotating and tilting table



SPOTTING PRESSES MIL COMPACT

Model	Platen dimensions mm
MIL 2015	2000 x 1500
MIL 2520	2500 x 2000
MIL 3020	3000 x 2000
MIL 3025	3000 x 2500
MIL 3030	3000 x 3000
MIL 3525	3500 x 2500
MIL 3530	3500 x 3000
MIL 4030	4000 x 3000

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AUTOMATIC PRODUCTION LINE WITH ROBOT for ventilation parts

For 70 years OMERA has been producing machines for the sheet-metal forming sector offering turnkey solutions by pursuing a policy of total responsibility.

This project was designed for the ventilation sector and developed with the specific aim of producing a range of products such as bends, fittings and joints with unconventional sheet-metal forming phases.

The choice of robotic automation was made to allow a balanced load sequence.

The die with the greatest load is always positioned in the centre. The robot also ensures significant benefits in terms of production flexibility.

Equally important is the optimization of the blank sheet development and the management of scraps.

The Production Line consists of:

- Compact feeding line from coil
- C-frame mechanical press
- Blank sheet picking-up, positioning and centering station (shuttle)
- Spray lubrication unit
- Integrated robot with software and hand gripper
- Hydraulic press
- Scrap collection belts
- Single-step Destacker with hand gripper

The cycle time for producing the curves is approximately 7.5 seconds.



[WATCH THE
VIDEO](#)

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Tel. +39 0445 805444
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www.omera.com



Company Names	Details of Machineries	Companies logo
BLM S.p.A	Tube processing machines (Laser Tube cutting, CNC Tube bending, end-forming, automatic sawing, tube/bar cutting and end-machining), Wire bending machines, Five Axis Laser cutting machines, Laser sheet cutting machines.	 BLM GROUP
BUFFOLI TRANSFER S.p.A	CNC Rotary Transfer Machines (Bar or Blanks), complete with automation, robotic and gaging systems. IoT (I4.0) technology and software	 BUFFOLI INDUSTRIES
FICEP S.p.A.	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 and screw presses, shears, saws and automation for the forging industry	
LOSMA S.p.A	Air filtration systems and coolant filtration systems for machine tools	 LOSMA® WORKING CLEAN, BREATHING HEALTHY
MILLUTENSIL S.r.l	Die & Mould spotting presses, dies splitters for splitting, equipment for presses, coil lines, cut to length line (CTL)	
OMERA S.r.l	Hydraulic and mechanical presses, trimming and beading machines, semi-automatic and automatic production lines	 OMERA WORLDWIDE. ACROSS TIME.
SIMEC GROUP	Rollers and sleeve mechanically engraved through a tool; rollers and sleeves laser engraved on ceramic; rollers for embossing in all its different applications; In-Line, Off-Line, In-Hole and Vertical Cleaning Machines/Systems for rollers and sleeves.	 SIMEC GROUP MORE THAN ENGRAVINGS