

NEWSLETTER

**Italian
Technology
Center**

India

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ABOUT US

ITALIAN TECHNOLOGY CENTER (ITC) is a network of eight 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 Dr. Giancarlo Losma (Immediate Past President of UCIMU - Italian Machine Tool Manufacturers Association) through its Indian SPV (Rare Tech Projects Pvt. Ltd. - Mr. Sandeep Chadha (Director); www.raretech.org).

Double-digit growth for printing and converting machinery: revenues up by 10%

The Italian industry is now worth € 3 billion; exports are back on the rise (+7.6%), imports boom (+21.7%)

The Italian industry of printing and converting machinery is enjoying a continued positive trend. According to preliminary data released by Acimga – the association representing the companies in the industry – 2018 revenues have grown by 10%, following an already impressive +8.7% in 2017. The industry of graphic, paper and converting machinery is now worth a total of € 3 billion.

60% of revenues are generated by exports (€ 1.84 billion). Following a slight drop (-0.3%) experienced in 2017, the industry has received the 7.6% increase in exports favourably. Foreign sales data shows the high appreciation other countries have for these machines, produced by small- and medium-sized Italian companies with top-level know-how. Domestic sales also enjoy double-digit growth, with Italian manufacturers selling goods on the domestic market for € 1.15 billion – a 14.2% leap over last year. Imports from foreign countries are also booming with an increase of over one fifth of the total value (+21.7%). Foreign production covers slightly over one third of Italy's demand, while the remaining two-thirds are covered by the domestic industry.

“These are exceptional results – comments Acimga's president Aldo Peretti -. The Industry 4.0 plan has certainly helped and given further momentum to an already very lively industry. We will soon be starting individual plans for our companies to guide them to innovation 4.0 with the support of SDA Bocconi. However, we won't just be taking care of our own members; we plan to increasingly integrate more of the supply chain together with Assografici and Assocarta, so that manufacturers of printing machinery can expand their horizon to the whole industry. We will provide them with a chance to meet at the Print4All Conference, a two-day event we plan to hold on March 21st and 22nd at Fiera Milano gathering machinery manufacturers, printers, influencers and brand owners. In sum - concludes president Peretti – we are happy with 2018 results but are already looking forward to 2019 and the 2021 edition of Print4All”.



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PLAST WILL BE BACK IN 2021 AGAIN WITH THE INNOVATION ALLIANCE

After the excellent results of the past edition, the **PLAST-International Exhibition for Plastics and Rubber Industries** organizing secretariat announces the next three-year appointment for the event, which will take place **from Tuesday, 4 May to Friday, 7 May 2021** at the Fiera Milano Rho-Pero fairgrounds, again together with The Innovation Alliance.

“The broad approval expressed by exhibitors and visitors alike for the formula piloted in 2018,” stated Alessandro Grassi, President of AMAPLAST and of the management company PROMAPLAST srl, organizer of PLAST, “has more than convinced us to renew the agreement with the organizing committees of the other four fairs taking part in the innovative tradeshow format (IPACK-IMA, MEAT-TECH, PRINT4ALL, INTRALOGISTICA ITALIA).”

PLAST 2018 closed its doors on a positive trend, with **over 1,500 exhibitors in 55,000 square metres of exhibition space drawing in more than 63,000 visitors**. There was also a significant increase in foreign representation, partly thanks to over 30 official delegations welcomed to the specialized fair, which thus reaffirms its international stature and draw.

There was a **rich showcase of technology** presented to the operators, especially as regards the core of the exhibition: machinery, equipment and moulds for processing plastics and rubber, with over 3,500 units on display in the 6 exhibition halls. This is **an important sector in Italian manufacturing**, with a production value estimated by the trade association AMAPLAST at 4.7 billion euros in 2018, approximately 70% going to exports.

With the renewal of the agreement on The Innovation Alliance and the choice of dates - determined taking into account the busy calendar of international tradeshow for the capital machinery industry and the availability of the Fiera Milano fairgrounds - the PLAST organizing secretariat is revving its engines in view of the next edition, so that it can again propose to the plastics and rubber industry an exhaustive survey of innovative **technologies, materials, processes and products, conferences and seminars, art, and opportunities for professionals in the sector to meet and exchange ideas**.

Registration begins in November 2019.

See you all at PLAST 2021!

www.plastonline.org



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ONSTAGE, AT FIERAMILANO RHO FROM 15 TO 18 MAY 2019,

LAMIERA 2019 WILL PRESENT ONE MORE EXHIBITION PAVILION COMPARED WITH THE 2017 EDITION.

BESIDES THE TRADITIONAL HALLS 13 AND 15, THE EXHIBITION AREA WILL ALSO INCLUDE

HALL 18: THE INNOVATION HALL

A strong growth is highlighted in the number of applications sent by enterprises to exhibit at LAMIERA, the international exhibition dedicated to the industry of sheet metal forming machine tools and to the innovative technologies related to the sector, onstage at fieramilano Rho, from 15 to 18 May 2019.

Actually, three months before the event, over 400 enterprises have already confirmed their participation in the trade show.

The exhibition area booked for LAMIERA 2019 is 30% more compared with the space booked by exhibitors in February 2017 for the previous edition of the trade show. However, it is already larger than the final area occupied by the exhibitors at LAMIERA 2017, the first edition taking place in Milan, which had already exceeded the area occupied in the last edition held in Bologna. These figures are proving that the change to the Milan venue enabled the exhibition to expand and improve its structure.

The list of the companies that have already applied to exhibit is available on the website lamiera.net: it offers many new entries. Considering the number of **direct exhibitors, who grew by 10% to date, 27% of the enterprises that sent their applications will take part in LAMIERA for the first time or will come back and exhibit again after several editions of the event.**

“What we expect - stated **Alfredo Mariotti**, Director of the Exhibition – is to improve the outcome of 2017, which was already very positive, by further expanding and enhancing the event. For this purpose, we go on working on the traditional sectors: they represent the core of the exhibition and look very well-arranged, also because the Italian demand for machine tools is still very high and **in 2019 it will confirm** the results achieved in 2018, a record-breaking year for the sector”.

“On the other hand, - added **Alfredo Mariotti** – the work will continue on the new innovation areas focused on robotics, IoT and consulting, which are fields having an increasingly strong impact and a deeper and deeper spread in the manufacturing factories”.

In line with the extended transformation involving the whole world manufacturing industry, LAMIERA will present an offering of technologies for integrated factories, showing **the best international product ranges with regard to stand-alone machines and complex systems** and completing the exhibition with a comprehensive overview of **automation systems, robotics (ROBOT PLANET), technologies linked with the digital world (FABBRICAFUTURA) and consulting (BOX CONSULTING).**

Machines, systems and equipment for the machining of sheet metal, tubes, sections, wire and metal structural work, presses, dies, welding, treatments and finishing, technical subcontracting and fasteners are just a few of the “traditional” technologies on show. In addition, there will be a wide and varied offering of robots, automation, enabling technologies and consulting. **With such a large selection of products, LAMIERA is really the place where ideas can take shape, paraphrasing the slogan chosen for the 2019 edition.**

Promoted by UCIMU-SISTEMI PER PRODURRE, the Italian machine tools, robots and automation systems manufacturers' association, and organised by CEU-CENTRO ESPOSIZIONI UCIMU, LAMIERA will combine the trade show of the sector with numerous initiatives of in-depth analysis and entertainment.

In 2017, the exhibiting companies were 480, i.e. 25% more compared with the 2016 edition, with an occupied exhibit area of 40,000 square meter. The exhibition registered 23,579 visits, i.e. 15% more than those recorded a year before.

The only event in Italy dedicated to the sheet metal field, LAMIERA attracts visitors from all major user sectors; here they that can find a solution for their needs, from the simplest to the more complex ones.

The uniqueness of the event and its numerous side initiatives make the exhibition an unmissable occasion for the enterprises of the sector: **for the big Italian and foreign manufacturers of machines, robots and automation; for the SMEs specialising in super-customised solutions; for subcontractors; for companies specialising in accessories and auxiliary technologies, but also for the players of the digital world and of consulting,** whose presence is increasing within the sector.

The wide offering of product ranges on display will not be the only appeal for visitors. Indeed, LAMIERA will also propose the special initiative LAMIALAMIERA, a programme of in-depth meetings arranged by exhibitors and organisers, which will accompany the event throughout its length. Organized according to different themes, the meetings will last 20 minutes each and will be hosted in a special area, set up as a conference arena within one of the exhibition halls.

“The idea - concluded **Alfredo Mariotti** – is to offer the exhibitors a further occasion for promotion outside their stands, free of charge. However, the aim is also to provide visitors with technical-cultural in-depth opportunities, so that they can make the most of their own presence at the exhibition”.

Updated information is available on lamiera.net.

Cinisello Balsamo, 12 February 2019

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THE ITC-ITALIAN TECHNOLOGY CENTER NETWORK OF PUNE IS GROWING

THREE NEW ENTERPRISES JOINED THE PROJECT: FIMAT, UTECO AND SIMEC.

ON BOARD, BESIDES UCIMU-SISTEMI PER PRODURRE AND AMAPLAST, ALSO ACIMGA.

In the year 2019, ITC saw the 3 new entries for the Companies FIMAT, UTECO AND SIMEC. FIMAT (Rivoli, Torino), is the member company of UCIMU-SISTEMI PER PRODURRE. While, SIMEC (Olgiate Olona, Varese) and UTECO (Colognola ai Colli, Verona), both of them members of ACIMGA (Italian manufacturers association of machinery for the graphic, converting and paper industry).

ITC was started in collaboration of two esteemed Italian associations **UCIMU-SISTEMI PER PRODURRE** (the Italian machine tools, robots and automation systems manufacturers' association) and **AMAPLAST** (the Italian plastics and rubber processing machinery and moulds manufacturers' Association) in the year 2013.

From this year on, the ITC network of enterprises will also benefit from the cooperation with **ACIMGA** (Italian manufacturers association of machinery for the graphic, converting and paper industry).

Therefore, from now onwards ITC will be a cluster of total 8 companies namely BLM GROUP (Cantù, Como); BUFFOLI TRANSFER (Brescia); FIMAT (Rivoli, Torino); MILLUTENSIL (Milano); LOSMA (Curno, Bergamo), OMERA (Chiuppano, Vicenza); SIMEC GROUP (Olgiate Olona, Varese); UTECO GROUP (Colognola ai Colli, Verona).

Thus, ITC Network is growing and expanding, this network is dedicated to support the internationalisation process of its participating companies in India.





**Exhibition for
Sheet Metal Working**

ITALIAN TECHNOLOGY CENTER is all set to participate in next edition of BLECH INDIA to be held at Bomay Exhibition Center from 25th to 27th April 2019. We will be present in **Stall No B74 in Hall 4**, representing ITC network with a total of 8 companies.

This year in BLECH edition our company MILLUTENSIL SRL will have their dedicated corner where you can come & meet Vice President, Mrs. Veronica Just, along with their Mechanical Engineer, Mr. Mauro Longari.

Our Company MILLUTENSIL SRL is specialized in:

- GREEN LINE: Cut to length Compact and Long Feeding Lines Automatic lines for disc cutting from coil
- BLUE LINE: Die & Mold Spotting Presses, Die Splitter

Our other two company members of ITC are dedicated to metal forming sector, they are:

BLM SPA - Tube processing machines (CNC tube bending, end forming, sawing, laser cutting, tube and bar end machines)

OMERA SRL - Hydraulic and mechanical presses, trimming and beading machines, semi-automatic and automatic production lines.

Come and visit ITC booth to get more information about Italian technology Center (ITC) and its other member companies: BLM SPA, BUFFOLI SPA, FIMAT SRL, LOSMA SPA, MILLUTENSIL SRL, OMER A SRL, SIMEC SPA & UTECO CONVERTING SPA.



3-RUNNER SYSTEM WITH ENHANCED CAPACITY

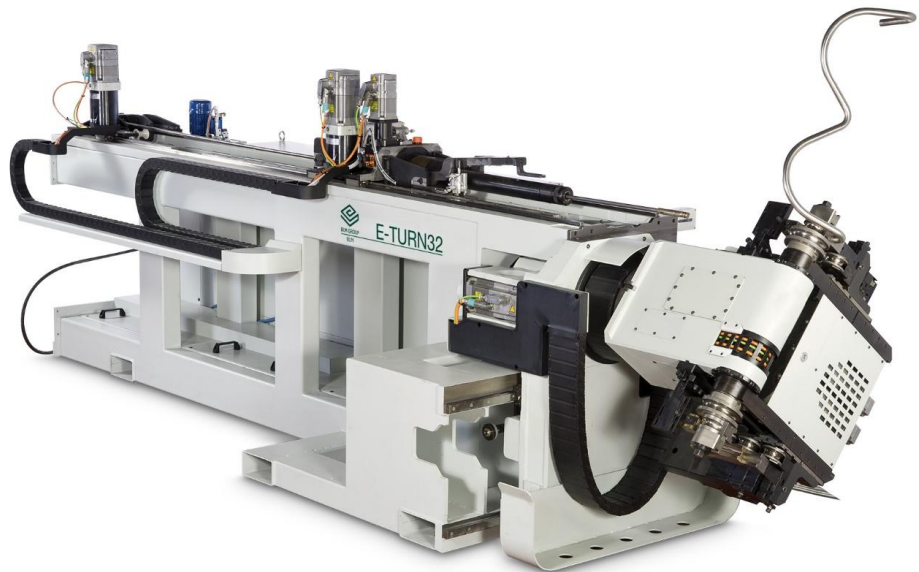
BLM GROUP's 3-RUNNER system integrates multiple processes in one. It takes the tube from a bobbin, straightens it, end-forms it and cuts it to a pre-programmed length delivering it to the successive process – bending, or assembly. Recently a special enhanced capacity version of 3-RUNNER was developed and delivered as part of a flexible manufacturing cell to an overseas Customer.

The standard 3-RUNNER can process Copper and Aluminum tubes up to 25.4 mm diameter. To satisfy the requirement of this Customer a special version

capable of processing tubes up to 35 mm diameter was developed. It has been integrated into a flexible manufacturing cell consisting of an automatic handling system to unload the parts from the 3-RUNNER and load them on to the E-TURN32 bending machine. The E-TURN32 is an All-Electric CNC tube bending machine capable of in-process RHS and LHS bending. The E-TURN32 not only bent the part but also punched a reference dent that would help to correctly orient the tube during the successive assembly.

The bent parts are unloaded onto a conveyor which would take it to the downstream manufacturing process.

For further details contact ITC or vinayak.joshi@blmgroup.it



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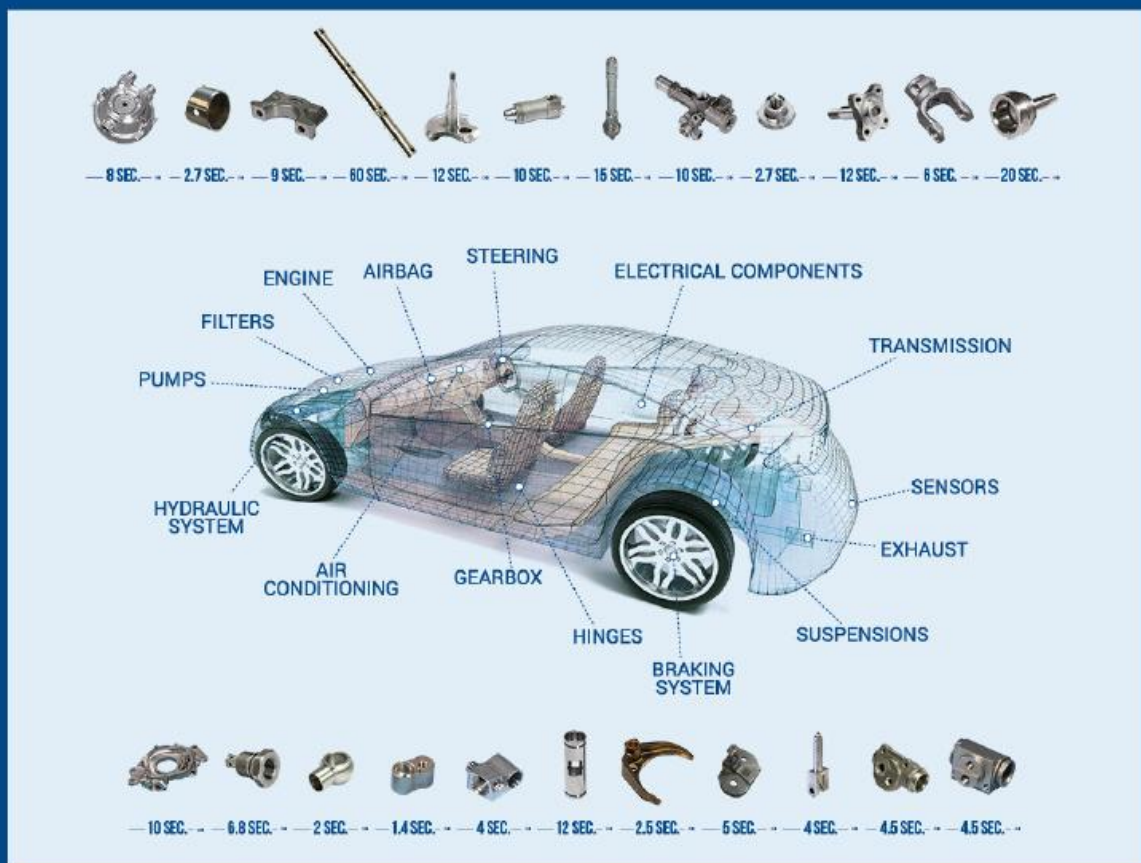
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Watch the videos on our channel



FIMAT Machine Tools is an Italian company operating in the Machine Tools market for more than 30 years. Its core business is mainly focused in the construction and refurbishment of machines for the Automotive sector, in particular for the processing of powertrain and transmissions components, such as input and output shafts, CV Joint cages, barshafts and so on.

FIMAT will be at the IMTEX TOOLTECH 2019 (Hall 1B - booth A107) to introduce to the Indian Market the main products of its portfolio: the WM-TWIN CVJ Cage Milling Machine, the ST-2 Tripod Grinding Machine and the RM Series of Spline Rolling Machines.

WM-TWIN

The challenge was to finish the CV Joint Cage Windows replacing the very productive 6-spindles Grinding Machines and, at the same time, matching the requests for processing cages with a number of windows different from old standard six.

Thus, when FIMAT accepted the challenge, the Milling Machines of the WMTWIN Series were born, but they can do much more than expected.

FIMAT propose up to 4 versions of this machine, in order to match the customer's need.



The machine can be set up just for hard milling or for soft+hard milling capabilities. For each set up, one or two workheads can be assembled depending on the required cycle time.

Thanks to its fully independent milling spindles the machine is able to mill CV Joint cages with both even or odd windows and allows easy corrections of the window width and automatic compensation of the milling tools diameters.

All the rotative axes feature direct drive torque motors and absolute encoders with high resolution for better precision and quality. The milling spindles are suitable both for hard and for soft cages. Each spindle is mounted on a 2-axes slide (for hard milling) or on a 3-axes slide (for soft+hard milling).

The machine has been designed hydraulic free: dry milling process, electric workpart clamping, permanent grease lubrication. No oil is used for a lower environmental impact.

ST-2 TRIPOD GRINDING MACHINE

The ST-2 is the newborn machine for FIMAT that has recently started its journey into the tricky process of Tripod pegs finishing.

This process is tricky because of the particular shape of the pegs, that resemble a bean, and of the very small tolerances required by the customers.

FIMAT, with its experience in grinding, decided to face this challenge, adding one more difficulty: offering to customers a competitive cycle time.

The tripod pegs can be round-shaped or bean-shaped; being this seconds the most difficult form to achieve, due to the high speed interpolation between the rotating work part and the position of the grinding wheel.



In order to get the required result, the grinding wheel slide is driven by a linear motor controlled by a high resolution absolute scale, thus granting the high dynamic and precision required by the process.

The ST-2 can be set up to use both conventional and CBN grinding wheels. In the first case the machine features a 18 kW high-frequency spindle that allows cutting speed up to 80 m/s. The wheel is dressed by a plunging diamond roller.

In the second case, the wheel is driven by a 24 kW spindle for cutting speed up to 100 m/s. Dressing is carried out by an interpolating diamond roller.

The workhead is driven by a direct drive torque motor for better precision and stiffness. Workpart clamping is fully electric, delivering up to 4.5 kN of clamping force.

Coolant can be either cutting oil or water & oil.

A robot, integrated inside of the machine and with a IP67 protection level, is in charge of loading, unloading and indexing the tripod.

RM SPLINE ROLLING MACHINES

FIMAT is the only Italian constructor of Spline Rolling Machines with racks and it has acquired a large experience in this process.

Since its foundation, FIMAT has built or refurbished more than 150 Spline Rollers and nowadays it can offer to its customers a complete package of Machine, Automation and Tools (through its partner company REFIL).

The new electromechanical Spline Rollers of the RM series are the result of more than 30 years of continuous improvement.

Weighing from 9 to 13 tons depending on the model, the machines of the RM series feature baseplates made of cast iron for the best behavior under heavy duty stress, vibration damping and thermal stability.

Very quick and productive, they can ensure high quality results requiring very small corrections over hours and hours of hard work.



The racks slides are driven by Planetary Roller Screws, Torque Motors and High Resolution Absolute Encoders. The motors are directly connected to the screws as well as the encoders, in order to avoid any backlash due to elastic joints and to ensure the high precision required for the NC synchronization of the slides.

NC Tailstock and headstock allow an easy management of the workpart positioning with respect to the racks.

They also allow the use of bladed racks, necessary when rolling parts with Seeger grooves.

Tailstock area is protected by light curtains to ensure operator's safety in case of manual loading/unloading.

All of FIMAT's machines software matches the last Industry 4.0 requirements for connectivity and data remote controlling.

Problems concerning mists with high quantity of smokes? Icarus-E is your solution

Losma offers non-consumable electrostatic filters ideal for machining and gear hobbing using neat oil

Having a safe and healthy workplace environment influences employees' productivity, performance and well-being, as well as it reduces cleaning and maintenance costs. No matter the industry, maintaining a clean workplace increases healthy, safety and efficiency. Air and coolant filtration systems are a necessary solution since they eliminate pollutant mixes and ensure people "working clean and breathing healthy". In the air filtration field, Losma designs and creates static, electrostatic and centrifugal filtration systems able to capture particles of micro-mists and smokes with a filtration efficiency up to 99,97% thanks to products such as Icarus, Losma's electrostatic filtration solution.



Icarus-E is an electrostatic filter for filtration of air containing oil mists, micro – mists, vapors and smokes generated by metal removal machining, especially those using neat oil, and it is also designed to be assembled to the machine tools. Its important features lie in sturdiness, reliability and simplicity in operation and maintenance.

Icarus-E is available in three sizes from 600 to 1.700 m³ /h with different increasing filtering efficiency combinations, up to 99,97% (with the use of HEPA H13 final filter). Standard equipment of the system is made up of an electrical control box, "CE" regulation compliant, including a chocking alarm, power alarm and micro-switch for safety.

Polluted air is drawn in by a high efficiency centrifugal fan mounted behind the filters. In this way, the fan cannot be damaged, since it works with clean air without any pollutant residual. Using centrifugal fans with high efficiency grants high performances for flowrate and pressure, even with reduced power installation and limited energy usage.

Air passes initially through a special deflector, whose function is to distribute uniformly the air onto filter's and cell's surface. The use of filters with increasing efficiency and the possibility of implementing pre- and post-filtration systems makes Icarus-E the ideal filter for all modern mechanical machining, from the easiest to the most demanding ones. The three different building versions and the different sucking power of Icarus-E facilitate the choice for the best appropriate solution for customer needs, avoiding energy waste for over dimensioned systems or inefficient systems for low power selection. Icarus-E uses only restorable filters, allowing savings for buying, maintenance and disposal of the regular obstruction filters. Moreover, Icarus-E is also very silent.

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OMERA, which has been involved for years in the design and manufacture of strongly customized presses, has consolidated its top position in the hydraulic press market and has a wide range of models able to fully satisfy the different stamping processes.



For years Omera is active in the production of presses and complete lines for the sheet-metal forming industry, in particular with solutions for the production of bottom ends, expansion vessels, tanks, pots and ventilation pipes.

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Simec Group is an Italian family-run company that for the past sixty years has been producing several kinds of rollers for more than 35 industrial fields of application. Its products are used to transfer any type of liquid as inks, paint, glue, varnishes or to confer specific characteristics to a wide range of materials as nonwoven, paper, tissue, plastic films, aluminium.

Two industrial poles – one in the north of Italy in the heart of the Milanese economic district and the other one in Pescara area, in central Italy – cover an area of 65.000 squared meters, 22.000 of which are covered. Each plant is equipped with specific machineries: 80% of them is totally engineered and manufactured internally.

Simec Group interpreted the 4.0 Industry by conceiving and implementing new concepts and business models inspired and driven by the “zation era” - digitization, standardization and globalization - thus starting a revolution in its field. By managing the whole production chain and thanks to the SDB model, worldwide deliveries of pre-codified products are faster than local manufacturers.

The company is characterized by a rigorous code of ethics, considerable investments in research and development, quality control, care for environmental and social aspects, constant improvements of production lines and development of long-term relationships with customers and business partners. These aspects are constantly monitored so that the company is always recognized and perceived by customers as a reliable, valuable partner.

“Ensure maximum satisfaction and productivity for clients; invest in innovation to generate profitability; create pioneering, trend- setting solutions through technological leadership; establish fair, long-lasting relationships with partners and clients by clearly understanding their needs; offer a comprehensive range of products and services generating adequate ROI. These are the keys to succeed in a global market, thus our must”

Emilio Della Torre, CEO



Products

Simec Group has a wide range of products known and appreciated worldwide not only for the undeniable quality but also for the very high level of customization for specific machine models. Those customizations give customers the guaranty of anilox specs repeatability, thus reducing risks in its selection; moreover, the SDB program assures super-fast supplies by recording customers' needs and equipment and developing predictive warehouse.

Simec Group's brands are:

DELTOR. Mechanically engraved rolls. Although this engraving technology seems outdated, it is still recognized as the best for some applications like corrugated cardboard (glue rolls, above all), lamination, coating and technical film devoted to the hygiene sector. The engraving sample case is seamless enriched, thanks to new laser technologies implemented by Simec Group that permit to produce in-house unique tools to create unparalleled new engravings.

STARLOX. Ceramic, laser engraved rolls. Simec Group has been a pioneer for this technology: the first roll produced dates back to 1987. This thirty-year experience engendered a so deep know-how to allow to engineer and produce machineries able to engrave roller tables up to 9000 mm. 80% of the rolls produced wears the "made in Simec Group" label: they are made in an industrial pole totally devoted to this technology and entirely digitalized; the repeatability of specs is 100% guaranteed, as well as standardization for each flexographic press, especially in narrow web, medium web and corrugated cardboard.

EMBOSS. Embossed rolls. The embossing sector is facing a huge growth: over the last years Simec Group invested €5million in this segment, thus acquiring every technology available in the market to offer every possible solution to the R&D Dept of its customer and improving their products.

PROFIL. Simec Group is keeping investing in Lifecycle Solutions aiming at preserving the proper functioning of his products as anilox rollers and sleeves safeguarding the customer's investment. Among these services, Profil: patented and innovative cleaning systems for both rollers and sleeves engineered and manufactured inhouse ensuring ease of use, low environmental impact, reduced costs and optimal maintenance.





As New Entry in the ITC team, Uteco Group takes advantage of this first newsletter to present some very important steps in its history.



Every great project retains a strong bond with the homeland that contributed to its creation. Verona is a city with a strong historical, cultural and artistic identity and all this is embodied in the roots underlying the creation of Uteco. The first factory was founded amidst the hills in the province, in the industrial area of San Martino Buon Albergo. Uteco came into being in 1985. Intuition, growth and a strong vocation for technological development are all part of the group's DNA.



The first 4-colour flexographic printing press was ready in just a few months and achieved immediate success. Expansion in production soon required a move to new premises in Colognola ai Colli. The first printing press of the new Amber range and the Jade robot controlled press were launched in 1992.

The following year was signed by the launch of the first Program rotogravure series and 1997 saw a major turning point: Uteco designed and built the new Emerald system, thereby establishing the company permanently on the world market.

The new Millennium welcomed the new gearless flexographic presses. Uteco Group responded to market changes well in advance. In 2004 Uteco introduced the first flexographic press in the new generation of ONYX gearless models, which soon became Uteco's flagship product. Onyx is the natural evolution of Emerald. It further improves printing quality and changes the relationship between technology and people thanks to extreme ease of use and fast change time between jobs.

The flexographic press DIAMOND HP 808 was shown in Drupa 2008 bought by an important international Group for its plant in Germany and this further strengthened Uteco's presence in the German market



In 2011 EB project, which Uteco has worked for some years, has been optimised by the introduction of the Thermilox® patent in order to ensure an accurate and continuous ink control during the printing. Today the link between lean production and

environment protection is more evident than ever before. It is now possible to safeguard the environment and at the same time to establish a competitive market advantage by eliminating waste and maximising productivity.



In 2013 Uteco launches on the market the DIAMOND VHP press, suitable for large repeat.

The 2014 was a great year for the expansion of the Colognola ai Colli (Verona) Headquarters, with the construction of the third building Uteco# 3, close to the main plant, where offices and part of the production are located, as well as the presentation of the new ConverDrome® - Centre for Research and Development and Technological Excellence

where development and fine-tuning of Uteco plant processes are tested and on real time demonstrated and where Uteco Academy organizes training, seminars and conferences.

In the year of 30th Anniversary of Uteco Group (1985-2015) the investments are continuing and are aimed to more fields of the Company such as: human resources, trained according to the most modern operational methods based on 6Sigma and Lean Production, whose target is the World Class Manufacturing; R&D Projects and two new lines of machines have been introduced: the compact flexo press Onyx XS and the innovative rotogravure Next 450

In 2016 Uteco participates at the two most important exhibitions for the packaging world: Drupa and K, both in Dusseldorf, Germany. At Drupa Uteco presents the last generation 8-color flexo Onyx XS Eco-One with four printing processes integrated with EB technology: printing, coating, laminating and in-line cutting.

In 2017 Uteco opens its doors for two important Open Houses. The first, in September, dedicated to the new rotogravure NXS 300, with a modular and ultra-compact design, perfect for short runs. The second, in October, dedicated to the new coating & laminating machines Mistral MV and Rainbow 4.0 and to the brand new Gaia, a successful digital printing machine launched at Labelexpo 2017. On 26th July 2018 the closing is signed with NB Renaissance - a private equity fund which acquired controlling interest 81%. The top Management of the Group reinvest in the new company, continuing to manage it independently and carrying on the strong growth of recent years highlighted by great successes and worldwide recognition with further strong investments and selected acquisitions.

Uteco Converting S.p.A. is **today the world leader in** the production of printing machines designed for the most different flexible packaging applications. The company's headquarters are based in Colognola ai Colli, to the east of Verona (Italy), and include some 75,000 m2 of production space, with the Central plant, Uteco #2, Uteco# 3 and the further enlargement "work in progress" Plant #4 ready summer 2019. This new site completely dedicated to rotogravure machines will allow to optimize production processes to guarantee faster delivery times. "We chose a building that could respond to our sudden need for business expansion and therefore space dedicated to production. It is a plant of about 10.700 square meters adjacent to the current "Technology Center". A choice that allows us to be more flexible and to test in print, as per Uteco's tradition, every machine before shipping. This allows our customers, once they have received the machine at their facilities, to put them into production in a very short time and with reduced costs", states Alessandro Bicego B.U Rotogravure Manager.

Over **350 specialists** in design, production, control, assistance, sales and marketing work together to offer innovative solutions through a wide range of flexographic and rotogravure printing machines, coating and laminating machines, Inkjet- hybrid and digital production and high-tech tailored machines, constantly focusing on **Research and Innovation**.

Company Names	Details of Machineries	Companies logo
BLM SPA	Tube processing machines (CNC tube bending, end forming, sawing, laser cutting, tube and bar end machines)	 BLM GROUP
BUFFOLI TRANSFER SPA	Multi Spindle Mill- turn machines, Precision transfer machines, Flexible machining systems.	 BUFFOLI INDUSTRIES
FIMAT SRL	WM-TWIN CVJ Cage Milling Machine, ST-2 Tripod Grinding Machine and the RM Series of Spline Rolling Machines.	
LOSMA SPA	Air filtration systems and coolant filtration systems for machine tool	 WORKING CLEAN, BREATHING HEALTHY
MILLUTENSIL SRL	Die & Mould spotting presses, dies splitters for splitting, equipment for presses, coil lines, cut to length line, strip cutting line for sheet metal	
OMERA SRL	Hydraulic and Mechanical presses, Trimming and Beading machines, Semi-automatic and automatic production lines	 Since 1951
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.	 MORE THAN ENGRAVINGS
UTECO CONVERTING SPA	Flexographic and rotogravure printing machines, coating and laminating machines, Inkjet-hybrid and digital production and high-tech tailored machines for flexible packaging	