

# NEWSLETTER



**I**talian  
**T**echnology  
**C**enter  
**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](http://www.raretech.org)).



Print4All Conference – Future Factory: the path toward the fairtrade of 2022 continues with 4 roadshows

*The next steps will be in Turkey, the UK, Egypt and Algeria*

**PRINT4ALL**  
CONFERENCE



The international success of Print4All Conference - Future Factory established a starting point in a journey towards the Print4All exhibition in 2022. At the June 24 event more than 1200 participants virtually gave Acimga (Italian Manufacturers Association of Machinery for the Graphic, Converting and Paper Industry) the strength to keep on creating important moments of discussion on the key Future Factory themes, sustainability, and industry 4.0, through international partnerships.

In the autumn, four virtual roadshows in streaming, involving institutional and industrial communities will take place in collaboration with Egypt, the UK, Turkey, and Algeria, strengthening the important connection between countries and markets.

The first event will stream on 4<sup>th</sup> November, together with Turkey, followed by the UK on 11<sup>th</sup> November, Egypt on 10<sup>th</sup> December, and closing the season with Algeria on 16<sup>th</sup> December.

In spring 2021, a new edition of the Print4All Conference will take place in Milan, with the same idea in mind of combining physical and digital, and delivering high standard content, appealing to the whole international supply chain.

“Print4All Conference is an opportunity for the international supply chain to come together, and the global players are always looking forward to the event, even more so in the current situation - explains Andrea Briganti General Manager of Acimga and Federazione Carta e Grafica -. This is a sign of a widespread need for moments of discussion on the industry’s future directions. Covid didn’t stop the event, and it didn’t stop our industry. The pandemic has made everyone aware of the importance of these sectors, which have continued to work even during the lockdown to provide packaging to the food and pharma supply chains. Furthermore, this ability to keep on working even while a general lockdown was in place, is mainly a result of a strong industrial development in terms of industry 4.0. A production paradigm that is highly related to sustainability. This is the reason why, in our next roadshow events the focus will be on the two main themes of smart manufacturing and circular economy inside the supply chain.”

Print4All Conference – Future Factory is organized by Acimga with the support of Argi (Italian Association for Graphic Industry Suppliers) and ITA – Italian Trade Agency of the Ministry for Foreign Affairs and International Cooperation. The Conference takes place every year and acts as a tow and bridge to the next edition of the Print4All fair.

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 technologies.

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**Acimga** is the association of Italian manufacturers of machinery for the graphic, paper and converting industry.

## AMAPLAST ASSEMBLY



Amaplast - the national trade association, member of Confindustria, of over 160 Italian manufacturers of plastics and rubber processing machinery, equipment, and moulds - held its annual member assembly on Wednesday, 16 September 2020 at Villa Borromeo in Cassano d'Adda.

In his speech, Amaplast President Dario Previero illustrated the performance of the Italian plastics and rubber processing machinery, equipment, and moulds industry, commenting on the reports by the

Amaplast Statistical Studies Center and acknowledging that the eight-year upward trend for the industry had come to halt and that 2019 had closed with all indicators in the red.

### Italian market for plastics and rubber machinery, equipment, moulds (million euro)

	2018	2019	Δ% 2019/2018
production	4.700	4.400	-6,4
export	3.260	3.060	-6,2
import	1.010	920	-8,9
domestic market	2.450	2.260	-7,8
trade balance (positive)	2.250	2.140	-4,9



The signs of an imminent reversal of trend had begun to be seen at the end of 2018, when growth in production was fractional and exports had already begun to decline, albeit only slightly.

During the following year, the foreign trade remained constantly negative, especially as regards imports, although the downturn at the end of 2019 was not

as bad as had been feared.

In any case, the 2019 balance for Italian manufacturers is in line with that of their German competitors, who recorded a drop of 5% in imports and 7% in exports.

A host of economic and commercial uncertainties came one after another or overlapped during the final months of 2019, putting a chill on domestic investment, partly attributable to the drying up of Industry 4.0 effects and changes in the dynamics of Italian exports for the sector, which, on the average, continue to represent approximately 70% of production.

President Previero underscored the fact that, on the average, Amaplast member companies suffered less than the rest of the industry, with a drop in revenues on the order of 5% and of exports of 2.5%.

Of course, this was the situation prior to the Covid-19 emergency, where Italy and the rest of the world were suddenly forced to cope with an unprecedented situation.

It is difficult to make projections as to how the crisis will proceed, much less what impact it will have on Italian manufacturers of plastics and rubber processing machinery.

On the basis of studies undertaken by the association, accounting for the variables that characterize the sector, it is expected that the current year will close with a reduction in orders of 20-25%.

VDMA, the association representing the German competitors, has forecast a similar contraction in orders, even adjusting the figure last month (August 2020) to -30%.

ISTAT statistics for Italian foreign trade in the sector in the first half of 2020 show double-digit drops in both trade flows compared to the same period in 2019: -17.6% for imports and -21.7% for exports. However, this represents a slight improvement with respect to data for May, when the respective figures were over 18% and approaching 23%.

This mid-year balance certainly comes as no surprise given the complex economic context in which Italian machinery manufacturers have to operate, given the pandemic. But the slight reversal of trend may corroborate the latest forecasts by ISTAT and Confindustria, together with other organizations, which detect in the last few weeks some recovery (albeit small) for Italian industrial production in a situation that is still very complicated.

A look at the macro-geography of Italian exports for the sector provides little comfort, with the historically principal outlet markets showing double-digit declines:

- -20% in Europe. Significant within the EU are the -17% for Germany and Poland, and figures in the neighbourhood of -30% for Spain, France, and the United Kingdom
- -28% in the Middle East and -23% in the Far East. While the major Middle Eastern markets have substantially held their ground (Saudi Arabia, United Arab Emirates, and Israel, with Iran having declined in importance for some time now) the minor ones have collapsed. As for the rest of Asia, the negative performance of China and Indonesia weighs heavily, while India has held firm
- -26% in North America, where the previous constant growth of trade with the United States witnessed an abrupt halt and Mexico and Canada continue their slide
- -31% in South America, dragged down by Brazil, Argentina, and Colombia
- -13% in Africa, with countries in the north outperforming the rest of the continent. Overall, suffering most were exports to the historically most important African countries for Italian machinery manufacturers.

[www.amaplast.org](http://www.amaplast.org)

## PRESS RELEASE

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ROBOTS, DIGITAL MANUFACTURING AND AUTOMATION,  
ENABLING TECHNOLOGIES, SUBCONTRACTING



### AT 32.BI-MU TO ANTICIPATE AND MEET THE RECOVERY OF INVESTMENTS 4.0

#### AT FIERAMILANO RHO FROM 14 TO 17 OCTOBER

**A little more than two months are left to 32.BI-MU**, the Italian event of reference for the world of machine tools, robotics and automation, on the scene **from 14 to 17 October 2020 in the exhibition centre of fieramilano Rho**.

Promoted by UCIMU-SISTEMI PER PRODURRE, the Italian machine tools, robots and automation systems manufacturers' association, and organised by EFIM-ENTE FIERE ITALIANE MACCHINE, **despite the particular context conditions, this year's edition shows a good degree of participation by exhibitors, a wide technological index of products and a positive expectation of attendance**.

"This year – stated **Alfredo Mariotti**, General Manager of UCIMU - the exhibition will cover a smaller area than usual, but it will be interesting anyway, as we have organised several side initiatives complementing the trade show, which have been conceived to offer an experience up to the expectations of the event attendees".

At 32.BI-MU, the operators of the manufacturing industry will find an event rich in contents and capable of representing the main trends with regard to production technology and automation systems, additive manufacturing, robots, automation, Industry 4.0, auxiliary technologies, enabling technologies, IoT, vision systems, software, solutions for industrial material handling and warehousing management.

Besides the machines on show, the offering of the related sectors will be displayed in specific Innovation Areas – in accordance with tradition. Standing out among these areas, FABBRICAFUTURA will be dedicated to developers of software and technologies for connectivity and data management and safety; ROBOT PLANET will be centred upon industrial and collaborative robots, integrators and automation systems; BI-MU ADDITIVE will be a space where developers, manufacturers and customers of "machine tools of the third kind" can meet and exchange views; BI-MU Logistics will focus on logistics and material handling and SUB4TECH on technical sub-contracting and services for the industry.

Following on from the success of the past edition, again in 2020, BI-MU will combine its trade show with an in-depth cultural and thematic analysis, developed through a programme of conferences on specific issues and side events that will host discussions with opinion leaders and presentations of related technologies also by exhibitors. This and much more will be the heart of **BI-MUpiù**, the conference arena set up within one of the exhibition halls.

"For this edition – stressed **Alfredo Mariotti** – we worked with particular care on the organisation of meetings focused on topics that are particularly significant for the operators of the manufacturing industry, involving leading experts. The calendar of events, which will contribute to further attracting visitors to 32. BI-MU, will be ready shortly, as we still have "work in progress" meetings to be confirmed".

A great novelty of the 2020 edition will be **BI-MU più Digital**, a demonstration space promoted by Fondazione UCIMU to show the potential of a digital factory, by connecting several machines displayed at different stands, of which it will be possible to observe operation and processing remotely. In addition, a special area dedicated to the Digital Factory will host ten among the most important players in the IoT world.

Always standing for competence and innovation - added **Alfredo Mariotti** - **32.BI-MU has an even higher value than in the normal editions: it is a symbol exhibition**, by which we want to prove the cohesiveness of the sector's enterprises - while respecting the real distancing and the rules imposed by the regulations for health safety. We are very proud of the work performed and of the feedback of those who decided to take part in the event, thus showing their strong desire for normality and relaunch, which everyone wish to find again".

"Confirming BI-MU for us, the organisers, and participating in the event, for the numerous exhibitors, is the best way to affirm that Italy is strong and so is its industry of the sector. The country was hard hit by the pandemic, but, although we are aware of the restrictions and regulations that impose to meet up according to new procedures and with particular care, we understood that it was necessary to give a strong positive sign to the world".

Also for this reason, BI-MU will feature several new services in order to further enhance the value of the presence of those that will participate in 32.BI-MU. These services have been conceived to multiply the promotional effect derived from the participation in the exhibition. Among these, the innovative project **BI-MUonline**, which we will disclose just before the opening of the trade show and will involve, completely free of charge, all exhibitors wishing to take part in it".

**It will be the first event for the sector** after the forced stop of the last months, which imposed the cancellation or postponement of all exhibitions dedicated to the sector all over the world. After months of frozen investments in production systems, 32.BI-MU will be the right place to relaunch business, establish new contacts, view the novelties of the sector and start again to evaluate new investments, also in consideration of the economic recovery, already expected at the beginning of 2021".

**Massimo Carboniero**, President of UCIMU-SISTEMI PER PRODURRE, stated: "We, the manufacturers of machine tools and technologies 4.0, already experienced a first rebound over the first months after the lockdown. It mainly concerned the orders collected on the Italian market, which appears more receptive and dynamic than others of our traditional markets of destination in European and non-European areas".

"These conditions, along with a time positioning almost at the end of the year, could suggest that 32.BI-MU will coincide with the moment when the enterprises will again seriously resume their investments in production technologies 4.0 after the forced freeze in consumption, also boosted by the incentive measures of the Transition Plan 4.0 implemented by the Budget Law 2020".

#### **Updated information on bimu.it**

Cinisello Balsamo, 31 July 2020

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## Being innovative to stay always a step ahead of your competitors

*“You can’t solve a problem on the same level that it was created. You have to rise above it to the next level.”*

This well-known quote by Albert Einstein captures a key concept for anyone wanting to gain a firm footing on today's ever-changing and competitive market that can be summed up as:

- the need to offer products of ever higher quality, while maintaining or increasing profit margins;
- the need to provide answers to the new needs of customers;
- the need to vary production by exploring new application areas.

After all, most companies face these challenges every day.

The quote can help us focus these problems and challenges – that can also be turned into opportunities – into one simple question: **How can I take my company to the next level?**

One of the best answers is: **By innovating!**

### **Innovation pays off**

A company that innovates can be more competitive on the market and also gain access to new sectors. It's not just a matter of offering new products to customers but also supplying products with the same function that are better than the current ones. Remember, **you need to innovate, but so do your customers.**

Innovating also means offering better and faster services, being more efficient and being able to become a reference for your customers who – just like us all – do not want to waste time. They demand quick turnaround on quotes. They ask for solutions, not setbacks. They want to be able to rely on someone who invests in innovation, so they are always receiving the best.

Also, consider that innovation is not only the research and development of new products and/or services. It is a process that embraces a company full circle. Innovating implies training employees to be motivated and to work smarter with goal of making your business grow. This can be achieved by choosing technologies that can simplify jobs and increase efficiency.



*Technological innovation gives impetus to the creation of new solutions, as in the case of the latest generation of construction*

## How to be innovative in manufacturing

Everyone is different and similarly every company is special and develops a particular way of working, doing business and – above all – innovating. There are no fixed rules, but you need to ask yourself some questions and always keep an open mind.

### 1. How can I create a product or service that is innovative?

The creation of a new solution is conditioned by two main factors:

- **The emergence of a practical need from users.**

For instance, the introduction of steel into construction. The need to create lighter, taller structures has promoted the use of new types of joints and steel solutions. So, being mindful of current and potential market needs is essential.

- **The use of new technology.**

Today's technologies allow us to achieve results that were unthinkable only a few decades ago. Some of the companies that today are successful worldwide owe it above all to having been able to use new solutions. This doesn't only mean creating products that offer something new using new technology, but also equipping yourself with machines that allow you to make a qualitative leap in manufacturing.



### 2. What new technologies should I buy?

Introducing new technologies means being able to gain efficiency, production quality, productivity and more. It also allows you to create new products with which you can revolutionize the market.

Just think about the **advent of fiber laser**, for instance, and the many advantages it brought to users, including virtually zero maintenance, lower energy consumption for the same power output, durability, compactness, possibility to cut high-reflective materials such as copper, aluminum and stainless steel alloys, and more. With

fiber technology, there are no moving parts or mirrors making it easier to set-up and guide the laser beam. This made it possible to make [laser cutting systems of ever larger dimensions](#) and with many degrees of freedom, fostering the transition from laser cutting of sheets to tubes and all three-dimensional parts to create an entirely new variety of mechanical parts.

- Let's consider the **world of construction**, where over the past few decades builders have realized that reinforced concrete, the go-to building material since the mid-20th century, has become increasingly expensive in terms of maintenance, disposal and soil consumption. An alternative emerged from architecture. Structures are being designed and made entirely of steel, ushering a revolution in building. Steel structures are much lighter and 100% recyclable..



*The introduction of fiber laser technology has enabled the development of increasingly advanced laser cutting systems.*

### 3. Do I need a technology partner?

If you're looking to enter new markets, embrace technology as it is your ally. Finding a technology partner is an important step.

Develop a synergy with a reputable machine tool partner that continually advances its technologies. Not only will you benefit from their experience and expertise, your business will be rewarded with improved productivity, lower operating costs, and better product quality, giving you an edge over your competition.

Technology allows you to think differently about how you manufacture. It [brings innovation and new capabilities to your fabrication processes](#) and lets you focus on growing your business and entering new market segments.

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**Look at your time, something is about to change...**

Until the 1968 Olympics in Mexico, athletes usually did the high jump by keeping their body parallel to the bar using a technique known as the Western Roll but something was about to change...

In those Games, an unknown athlete named Dick Fosbury sprinted towards the bar set at the height which was the then world record (7 feet and 4.25 inches).

Instead of turning his body towards the bar, Dick turned his back to it and cleared it in what is still today the customary high jump style called the Fosbury flop.

Be Dick Fosbury, change the way you think about manufacturing to achieve new heights.

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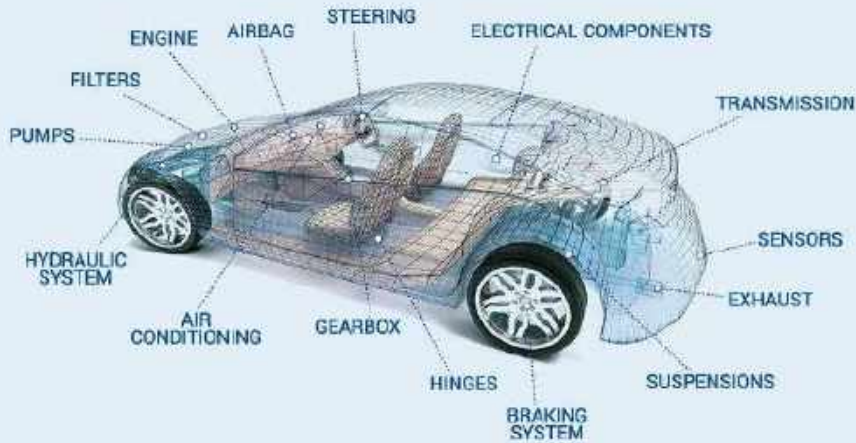
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## Losma wide range of solution for every coolant filtration need

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One of most innovative LOSMA's coolant filtration solution is **Master Series**, LOSMA's hydrostatic coolant filtration system. Master series is composed by three different sizes: Mini-Master, Medio-Master and Master, whose distinctive marks are defined by high performances and the greatly reduced size, compared to other products with the same capacity, a very important features in the design of centralized systems

(Master's overall dimensions are significantly smaller and can achieve greater levels of filtration).

Master is a range of high efficiency gravity filters using non-woven fabric as filtering media. This series' filter uses consumable filtering media, which allows to change the filtration degree simply by changing the fabric type, always maintaining good results.

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## 12<sup>th</sup> DIE & MOULD INDIA INTERNATIONAL EXHIBITION

28<sup>th</sup> April to 01<sup>st</sup> May 2021

Bombay Exhibition Centre, Goregaon, Mumbai, India

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## MORE ADDED VALUE through PRODUCT CUSTOMIZATION

The customization of products and services to achieve customer's satisfaction and deliver true added value though reliable, efficient and tailor-made solutions has always been Omera main goal.

To establish a dialogue with each single customer and respond to their specific requirements by customizing products and services on a one-to-one basis is the way **OMERA** operates.

Each request is analysed and studied in detail by a team of engineers and designers in order to find the most effective and reliable solution to customer's production needs.

With this in mind, Omera has recently designed and supplied a new concept of Beading Machine with horizontal geometry to flange and curl the edge of tubes in stainless steel.

The new **Horizontal Beading Machine mod. R400-I** with double head can work tubes of different length, from 300 to 2000 mm. The processing is performed on both ends of the tube at the same time.



*Fig. 1 – 2 Horizontal Trimming-Beading Machine R400-I for tubes 300 – 2000 mm length*



### FOLLOW US!

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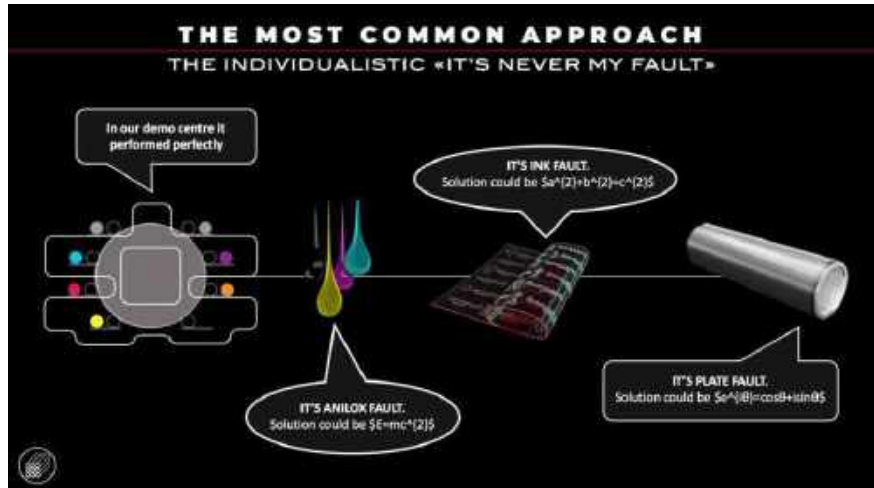
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**HIGH QUALITY IN FLEXIBLE PACKAGING**  
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Technology has been speeding up exponentially in the first decades of the new millennium; flexographic printing presses for flexible packaging industry have been no exception and increasingly sophisticated technologies have been introduced: more and more advanced systems, increased printing speeds, different doctoring systems, heterogeneous engravings and types of plates especially for the high quality, high-performing anilox and adequate maintenance systems.

This scenario makes it essential to abandon the common supply chain approach in which each actor plays only monologues and it is hard to get constant and optimal results. Excellent quality and high performing components are a must but it is just as necessary to build a collaborative supply chain capable to guarantee the core function of each component and the management of the printing process, as well, focusing on the printing repeatability.



Too often, collaborations between companies have a more commercial than technical cut and are driven above all by the search for an economic return rather than by the desire to solve a specific problem. This is why the SDB community was born: driven by the desire to build a stage where each player does not show his individual skills, but dialogues perfectly with all the other co-protagonists, pursuing the technological and cultural growth of the entire sector.



Therefore, a new winning supply chain approach based on veritable partnerships: a spontaneous aggregation, a cluster of skills and competences, a Super R&D that puts on the market not only products, but packages designed around the needs of end users.

How did Simec Group give shape to this model? It all started from the assumption

that, though technically perfect, sleeves unable to communicate with the plates would not produce the expected results.

The plate manufacturers adhering to the project selected the most suitable engraving for high quality printing; Simec customized the sleeves for different brands and types of plates, skimming the range of normally selectable anilox specifications and thus drastically reducing the risk for printers connected to this choice.

Moreover, each sleeve produced by Simec is engineered according to the industry requirements (construction and coatings designed specifically to meet the needs of the flexible sector) and customized for each printing machine model.

What is the advantage for printers (the brand owner) who have a high-quality printing machine? Test the tool, minimize the risk: a hole-in-one that generates an added value never seen before.

If he uses plates marketed by community member companies, he may try, for instance, a fleet of CMYK sleeves specifically suited to maximize the plate specs and, at the same time, press machine performances with the guarantee of repeatability over time of the results obtained.

This is exactly the model inspiring the SDB Community: one need, different actors, a solution.

The starting point is that every necessity, in order to be satisfied in its complexity, requires various interventions. It is therefore useful to rationalize it and break it down into simpler variables to be responded to promptly and with the most appropriate tools. Basically, each player takes charge of the variable of his own competence and identifies the optimal settings of the component it produces in order to achieve the result; the full integration of each single solution constitutes a package that, overcoming the individualistic logic, maximizes machine performances and guarantees the expected outcome.

Let's be very clear, this integration is not alchemy, but the result of hundreds of tests carried out between Partners; an unparalleled technical work the objective of which is to identify the best specs for each component and under all circumstances. An R&D effort that is at the basis of standardization – by exploring all possibilities and limits – and that allows to guarantee printing stability and job repeatability.



A win-win integration model thanks to which companies enjoy several technical and economic benefits and through which the sharing of knowledge generates an exponential growth of the cultural heritage of the individual; an incredible added value to high-end products and the contribution to a market driven by value and not only by price.

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**CONTACT:** [marketing@simecgroup.com](mailto:marketing@simecgroup.com)



## Uteco Sapphire EVO W: the digital printing press in partnership with Kodak now available for wide flexible packaging format

Uteco, in collaboration with Kodak, recently launched the **Sapphire EVO W** flexible packaging press, the first to use Kodak's continuous inkjet technology ULTRASTREAM and the second digital press developed by the partnership. The first mid web digital Model was **Sapphire EVO M**, already successfully in production in Asia, Europe and North America.



According to Randy Vandagriff, Kodak's Senior Vice President, the partnership enables Kodak to focus on its core strengths as a print, chemical, and film technology provider.





Uteco will employ Kodak's inkjet technology, fluids, and digital workflow, taking Kodak into application spaces where it does not have the application expertise or go-to-market reach. The partners are sharing investment costs as Kodak finances the continuous inkjet technology and Uteco the integration for flexible packaging applications.



Key features include: CMYK inkjet at 600 x 1,800 dpi across 1.25m print width at speeds of up to 150mpm; numerous options for variable data printing; in-line priming, flexo-white and post coating; and a hot air/IR drying system. Sapphire EVO W claims to be eight times more productive than its leading competitor, allowing printers to respond faster to customer needs with tremendous savings in time, make ready and costs.

"This very flexible technology, combined with its high productivity, is able to provide running costs far lower than the leading competitor, creating more profit per job and enabling printers to transition more work from flexo or gravure. Crossover of 20,000sq m with flexo means quick turnaround, and thus more revenue and profit per job" - comments Aldo Peretti - President and CEO of the Uteco Group .

Sapphire EVO W promises the best lamination bond strength of digital flexible packaging presses, an expanded application range and improved customer satisfaction.

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