

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).

Print4All Conference – Future Factory: a global success
Over 1200 attendees, one third international. Briganti, General manager of Acimga, announces the dates of the next fair: 3-6 May 2022



Great response from the international printing, converting, and packaging community at Print4AllConference – Future Factory, which was held yesterday, June 24. More than 1200 participants, a third of which foreign, 30 accredited international magazines and about 50 journalists attending the final press conference.

The event traced global technological and economic scenarios, taking into account every aspect revolving around the printing industry with a focus on industry 4.0 and sustainability. Print4All Conference, which also hosted the General Meeting of Federazione Carta e Grafica, combined the physical presence of studio guests with the remote presence of international speakers and a streaming connecting audience, creating a winning formula that looks beyond lockdown. The excellent hosting of journalist Matteo Bordone, with simultaneous translation in English, saw the participation of numerous guests at its microphone, including NigelTapper, climatologist and

member of the IPCC (Intergovernmental Panel on Climate Change, the organization winner of the Nobel Peace Prize in 2007); Alice Bodreau, Global Partners Manager at Ellen MacArthur Foundation (whose mission is to accelerate the transition to circular economy); SDA Bocconi's Professor Enzo Baglieri, coordinator of the first industry 4.0 supply chain project in Italy, together with Federazione Carta e Grafica; the members of the supply chain with two roundtable discussions between technology manufacturers, printers and brand owners the calibre of Uteco, HP, SIT, Sacchital, Barilla and Orogel; the most representative industry associations at global level such as Intergraf (Europe), APTech (USA), Peiac (China), Ipama (India), Picon (UK) illustrating industrial and economic trends and perspectives in the printing and packaging world in their countries.

During the event, Andrea Briganti, General Manager of Acimga and Federazione Carta e Grafica announced the new dates of the Print4All fair to be held at Fiera Milano, from 3 to 6 May 2022, as part of The Innovation Alliance.

"It is time to communicate that Italy's printing and packaging industry is back on its feet again in the name of industry 4.0, circular economy, and sustainability, the main themes of this Print4All Conference – explains Andrea Briganti -. Covid-19 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. Print4All Conference marks a turning point, looking at the future towards an increasingly sustainable supply chain more and more integrated into the 4.0 paradigm."

[Print4All Conference](#) – Future Factory is organized by Acimga (Italian Manufacturers Association of Machinery for the Graphic, Converting and Paper Industry) 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 80 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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PLAST 2021: THE ORGANIZATION PROCESS RESTARTS

After the suspension of all non-essential activities due to the Covid-19 pandemic, organization commences for **PLAST 2021-international exhibition for the plastics and rubber industries**, taking place in Milan from the 4th to the 7th of May of next year.

Roughly **450 direct exhibitors** (excluding the represented companies) have already confirmed their participation in the fair, reserving an **area of 35,000 m²**. One fifth of subscribers are foreigners, in addition to Italian branches of foreign machinery manufacturers.



The effects of the epidemic **greatly conditioned worldwide fairs**, causing the cancellation of all events in spring-summer 2020 and moving the ones planned for this autumn to 2021.

This was the case for various international plastics and rubber industry fairs and also for important events regarding the packaging and converting sector, such as Interpack and Drupa, originally planned for May and June 2020 but postponed to the period between early March and late April 2021.

Such changes led to the decision to confirm the next edition of **PLAST** to 4-7 May 2021 and to reschedule the other four fairs of **The Innovation Alliance** (IPACK-IMA, MEAT-TECH, PRINT4ALL, and INTRALOGISTICA ITALIA), also due to the congestion at the Rho-Pero exhibition district.

This decision originates in the **extraordinary situation** of recent months with the objective of preventing overlaps, which would have caused difficulty for both companies and operators.

The Innovation Alliance project, favouring **synergies among complementary sectors**, is still a definite go. Although the five exhibitions are scheduled for different times, the organizers have already begun to plan unifying initiatives to assist operators in the planning phase.

The PLAST Office is again fully operational and, to facilitate potential exhibitors in the decision process (taking into consideration the obligatory shutdown in March and April), **has extended the deadline to 31 July 2020 for benefiting from a 10% discount** on the participation fee and priority

stand assignments, which will be made starting in September. Organizers are thus confident that they will see reservation numbers similar to the 2018 edition.

PLAST will be the most relevant European event for the plastics and rubber industry in 2021, a **critical occasion for operators to meet and talk and plan new investments.**

Below, some key figures for the past edition of **PLAST**, which took place from 29 May to 1 June 2018 in Milan:

- total fair area: 55,000 m² net
- exhibition sectors represented: 75% machinery, 20% materials and products, 5% services
- total exhibitors: 1,510 from 55 countries (57% Italian, 43% foreign; 1,049 direct and 461 via representatives)
- satellite fairs: RUBBER (rubber industry), 3D PLAST (3D printing and related technologies), PlastMat (innovative materials)
- visitors: 63,000 (27.5% from outside of Italy) representing 117 countries.

The upcoming edition of **PLAST** will once again feature the three satellite fairs, each dedicated to a sub-sector of excellence and its associated start-ups: **RUBBER** (in its fourth edition, dedicated to the world of elastomers, in collaboration with ASSOGOMMA), **3D PLAST** (in its third edition, focusing on additive manufacturing and related technologies), and **PLAST-MAT** (second edition, exploring innovative plastics).

The list of participants is constantly updated and can be found on the website **plastonline.org**.



4-7
MAY
2021
MILANO

INTERNATIONAL
EXHIBITION
FOR PLASTICS AND
RUBBER INDUSTRIES



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MACCHINE UTENSILI A ASPORTAZIONE, DEFORMAZIONE E ADDITIVE,
ROBOT, DIGITAL MANUFACTURING E AUTOMAZIONE,
TECNOLOGIE ABILITANTI, SUBFORNITURA

METAL CUTTING, METAL FORMING AND ADDITIVE MACHINES,
ROBOTS, DIGITAL MANUFACTURING AND AUTOMATION,
ENABLING TECHNOLOGIES, SUBCONTRACTING



**32.BI-MU: FIRST EVENT FOR THE SECTOR AFTER THE FORCED STOP.
GOOD TREND FOR THE APPLICATIONS TO EXHIBIT:
OVER 550 COMPANIES CONFIRMED THEIR PARTICIPATION.
FROM 14 TO 17 OCTOBER AT FIERAMILANO RHO IN TOTAL SAFETY.**

Meeting confirmed for the 32th edition of BI-MU at fieramilano Rho from 14 to 17 October.

During the lockdown period due to the health emergency, the work for the exhibition organisation has never stopped and now, four months before the event, the staff's activity is getting into full swing, focusing on stand allocations, new initiatives and arrangements of all services ad hoc for the operators that will take part in the trade show.

Promoted by UCIMU-SISTEMI PER PRODURRE, the Italian machine tools, robots and automation systems manufacturers' association, and organised by EFIM-ENTE FIERE ITALIANE MACCHINE, 32.BI-MU is the most important Italian exhibition dedicated to the industry of metal forming and metal cutting machine tools, additive manufacturing, robots, digital manufacturing and automation, enabling technologies and subcontracting.

The only trade show in Italy with real international appeal, **this year's edition of BI-MU plays an even more important role, because it represents the very first exhibition event for the sector in 2020.** Actually, the health emergency forced a cancellation or postponement of all exhibitions dedicated to the sector all over the world, which should have taken place in the months before BI-MU, thus leaving all operators without opportunities for meeting.

Moreover, considering the time positioning just before the year's end, **32.BI-MU will reasonably coincide with the moment when the enterprises will start again their new investments after the forced freeze in consumption. Investments will also be boosted by the incentive measures of the Transition Plan 4.0 ensured by the Budget Law 2020.**

"After all - stated **Alfredo Mariotti**, General Manager of UCIMU-SISTEMI PER PRODURRE – the recovery of machine tool consumption in Italy and in Europe expected already from the beginning of 2021, actually confirms how the end of 2020 may be the appropriate period for the enterprises to resume a full management of their activities, while planning new investments in production technologies".

A strategic time positioning together with the fact that the exhibition takes place every two years, making it an even more unmissable event for the companies that wish to present themselves in the market: these are among the main reasons that already led **over 500 enterprises to confirm their participation in the trade show.**

In consideration of the **official reopening of the exhibition activities in Italy set for 14 July 2020**, organisers and fieramilano are working, in order to implement all necessary actions to comply with the regulations in terms of safety and public healthcare as provided for by the Government authorities.

“Very soon - added **Alfredo Mariotti** – we will be able to convey **clear rules and directions** to our operators **regarding organisation and behaviour directives**, which will allow exhibitors and visitors to take part in the event in full safety, while ensuring a pleasant stay with maximum comfort in completely sanitised exhibition areas”.

In anticipation of a live experience of the product offering on show, expression of a **renewed technological index of products**, BI-MU is proposing interesting insights on the website bimu.it. In the page “The Exhibitors’ Opinion”, it is possible to read many interviews with enterprises that chose to take part in 32.BI-MU, explaining the reasons of their choice. The section dedicated to BI-MU events features the **programme “Waiting for 32.BI-MU: the Webinars of BI-MU più”**. As a cycle of online meetings, with free participation and organised by the staff of UCIMU starting from the month of June, the webinars of BI-MU più actually anticipate some of the topics that will be then analysed and discussed in the BI-MU più arena during the exhibition days.

Details on the programme of events and approaching webinars and information regarding participation in the exhibition are available on bimu.it.

Cinisello Balsamo, 15 June 2020

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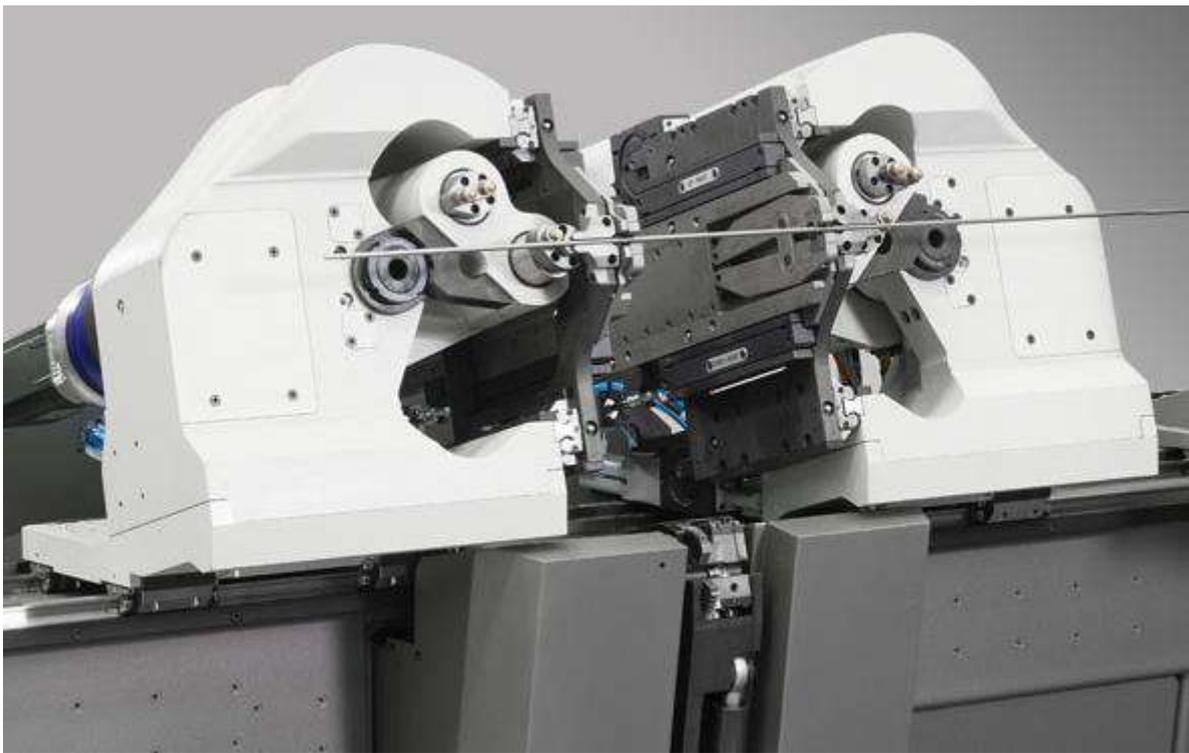


BLM Group's Solutions for Wire Bending

Every day we use a number of products that have bent wire components without even realizing it. Bent wire components are present in our kitchens, in our bathrooms, in our cars, in our railway bogies, in our bicycles, in our two wheelers and many other places. Wire bending machines manufactured by BLM Groups are used to manufacture all these components.

Wire bending process in India is many a times totally manual that uses simple hand operated tooling. The raw material is in the form of cut to length wire pieces. This is a very low investment option and has its limitations in terms of quality, repeatability, productivity and limitations on incorporating different bending raddi on the same component.

BLM Group's wire bending machines overcomes all these limitations and offer the user the flexibility and versatility demanded by today's market conditions.



BLM manufactures two models: E-FLEX and DH4010VGP. E-FLEX is a single bending head machine with two bending turrets while the DH4010VGP has two bending heads with two bending turrets each. E-FLEX is suitable for parts with small to medium development length whereas the DH4010VGP is suitable for small parts as well as parts with long development length. Both the machines are capable of bending 3D parts taking the wire from a coil, straightening it bending it and carrying out cutting and chamfering as required.



Feeding



Straightening
unit



Cutting

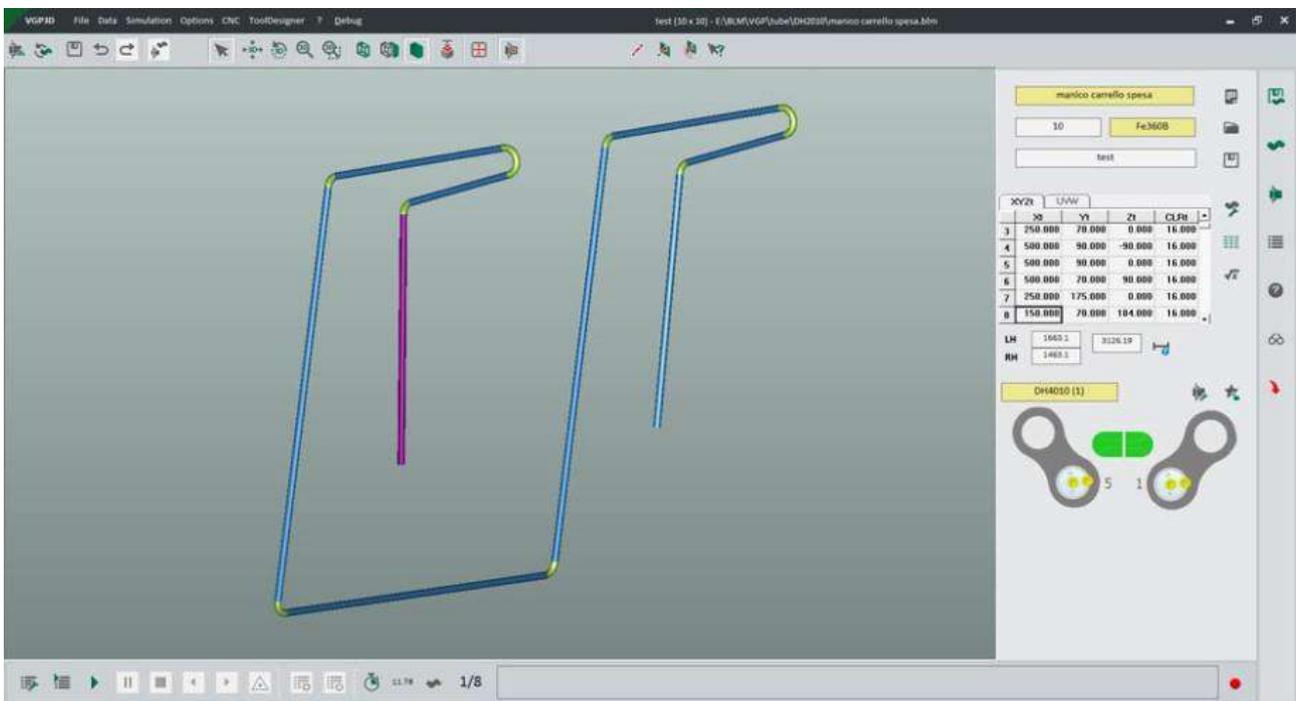


Chamfering



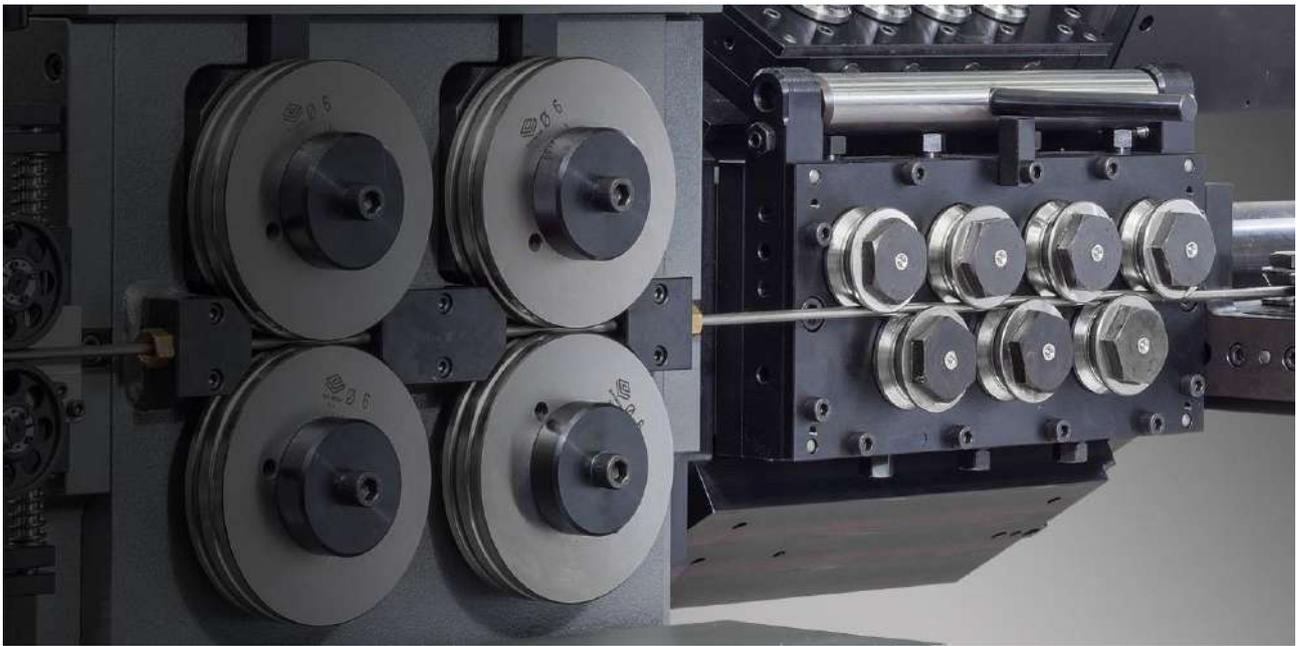
Bending

Both these machines are programmed using BLM Groups proprietary software VGP3D. VGP3D can import part drawings in STP or IGES format and automatically generate the machine program. It can simulate the bending process to check the feasibility of the part. The VGP3D is available as an off-line software so that the user can check the feasibility and get the cycle time estimate alongwith the developed length of the part. This helps a lot in preparing offers in short time but with high accuracy.



Here are some examples of parts bent on these machines.





For more information about BLM Group products please consult:

www.blmgroupp.com

Facebook: <http://www.facebook.com/BLMGROUP>

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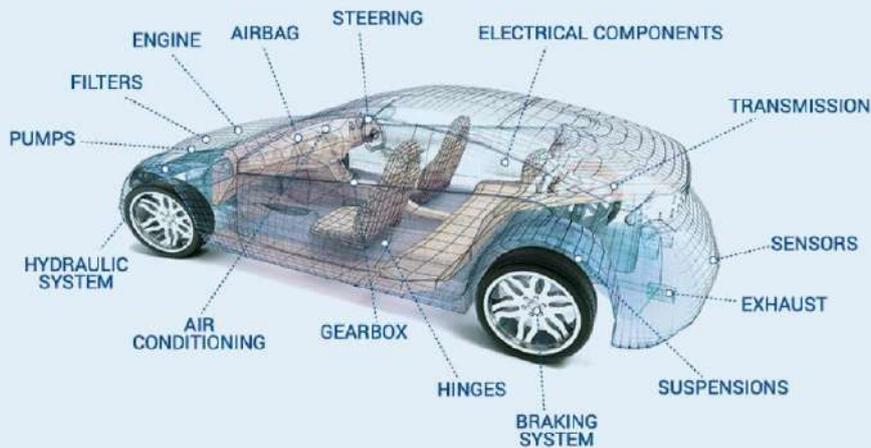
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coronavirus can stabilise on particles, creating clusters with particulate matter, thus increasing the persistence of the virus in the atmosphere, as already hypothesized on the basis of recent international studies. The identification of the virus on dust particles may also be a good marker for verifying its spread in indoor environments, such as at manufacturing companies.(Source: Agi – Agenzia Giornalistica Italia S.p.A.)

The extensive experience and know-how of LOSMA enables the company to provide turnkey solutions for work environments, covering various industrial processes, to minimise the presence of particulate matter in the environment, with the use of H HEPA filters certified in accordance with the ISO16890 and ISO29463 standards, filtering particles as small as 0.3 microns with 99% efficiency in dry and humid phases. This secures a salubrious work environment, limiting the insurgence of respiratory tract infections and, during the current healthcare emergency, limiting the spread of SARS-CoV-2 in environmental air. Thanks to its range of stand-alone or centralised filtration systems, LOSMA is able to cover all industrial processes for dry particulate matter or oily mists, in virtue of its functional and constructive flexibility. ARGOS PRO, PASCAL, ATLAS, DARWIN, GALILEO PLUS & EXTRA, ICARUS are all mist collectors of this range.

For further information:

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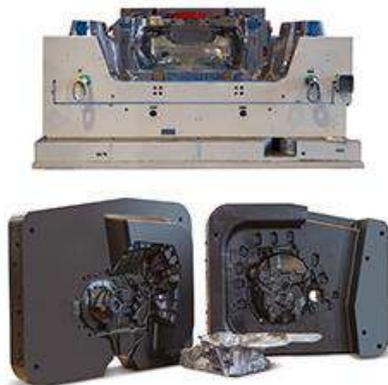
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Trimming-beading machine R2000 for bottoms ends

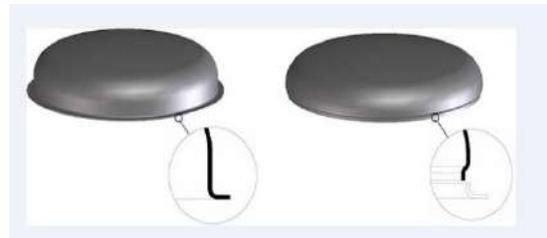
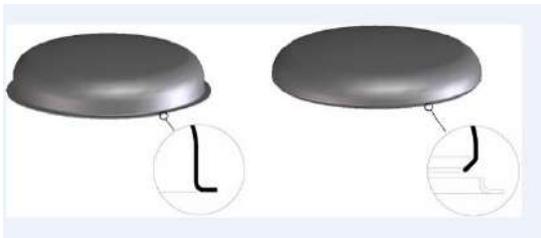
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Over the years we have been focusing more and more on the specific needs of our customers offering quality, reliability, innovation and customer-oriented solutions.

The enthusiasm and efficiency of a team of professionals specialized in sheet metal deformation are proof of our passion and attention to the market needs worldwide.

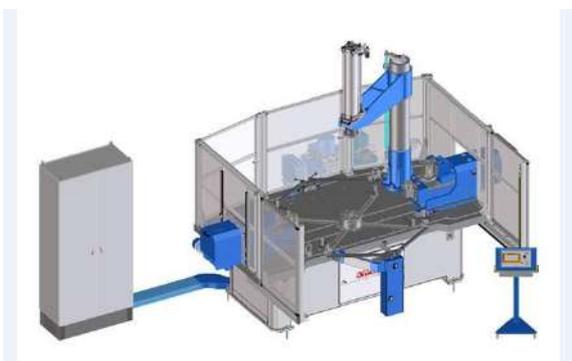
WE SHAPE YOUR IDEAS!

- **Machine: OMER R2000 for bottom ends**
- **Workpiece: dished bottom ends for tanks and metal containers**

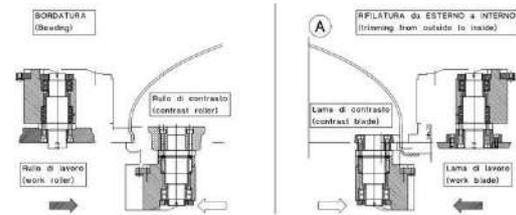


Trimming-beading machine R2000 for trimming and beading bottom ends in Fe and stainless steel

Workpiece:	deep drawn piece with flange
Material:	normal steel, stainless steel
Diameter:	min. 850 – max. 1400 (set up for max. 1600 mm)
Thickness:	min. 4,5,6 mm
Process:	horizontal trimming and inwards beading



Work cycle:	manual, semi-automatic, automatic
Cycle time:	30 to 50s for trimming and beading depending on diameter, thickness and material. Piece loading and unloading not included



TECHNICAL NOTES

The machine is designed for ROBOT interfacing. Inserted in a production island with fixed protection barriers and light curtains, the ROBOT loads and unloads the pieces and removes the scrap.

For more information visit our website www.omeracom or contact us at info@omeracom

Our team is at your disposal for any technical and commercial clarification also via video conference.

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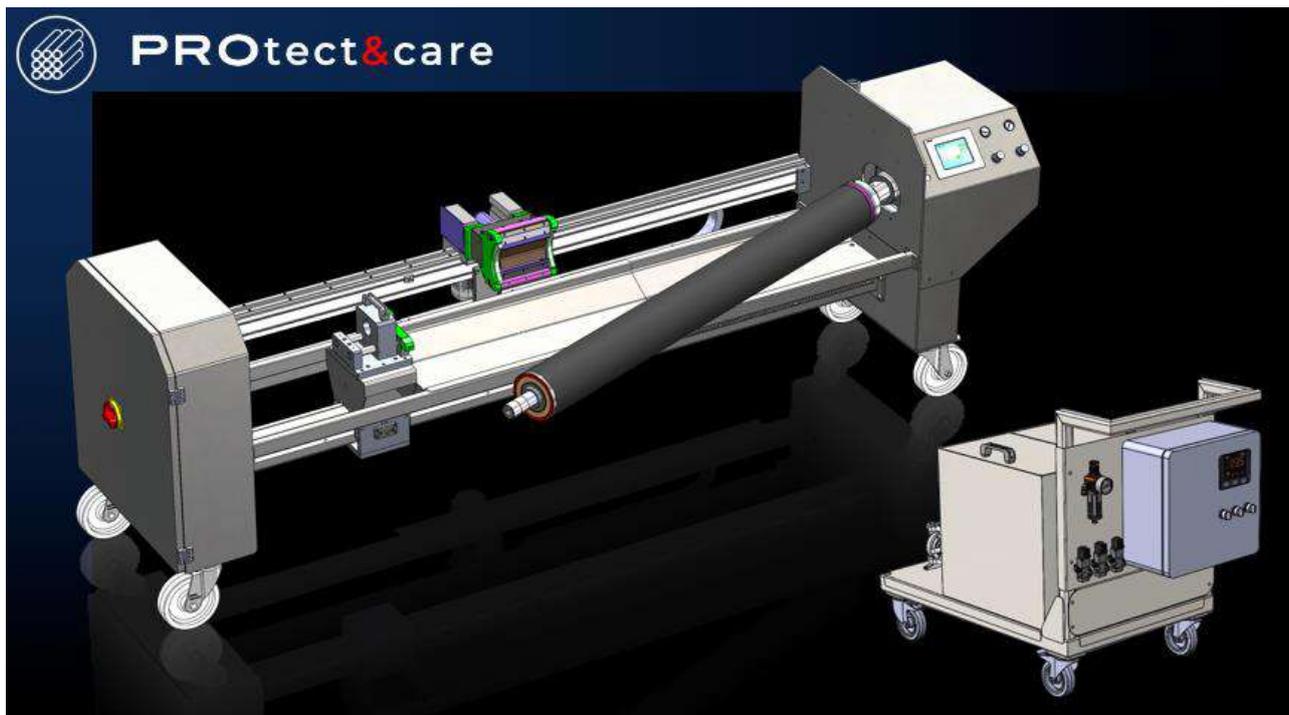
PROtect&care

The brand-new patented cleaning machine for sleeves using liquid cleanser.

Anilox cleaning should be considered as a strategic lever because a correct cleaning means a longer lifetime of cylinders and a better ink transfer and increase of the printing stability and repetitiveness, a fundamental aspect if you want to get a printing with high screen anilox and low volumetric capacity.

Instead it is often outsourced or it is carried out inside the factories opting for "easy" systems that imply minimum operator intervention, minimum maintenance and reduced exhausted materials removal problems. When the importance of this aspect of the production activity is instead taken into consideration, the evaluation criteria that lead to the choice of one system rather than another are the maximization of the efficiency/safety ratio, the cleaning frequency imposed by the production needs, the number of rollers to be treated daily and the respective engraving specification.

In the flexible packaging industry, in particular for anilox sleeves, considering the frequency of cleaning cycles needed, it has become necessary to integrate the offer with an operator-friendly system allowing printers to quickly clean their anilox with very low operating costs.



That's why Simec Group has launched a new liquid cleaning machine entirely engineered in-house. It is a system that not only protects anilox, but also meets all the needs of flexographic printers. It has been tested for a year with different types of inks and screen and its performance has been so astonishing to decide to protect the innovation with an industrial patent.

The machine consists of a spraying and recovery unit, a cleaning head and a trolley. It can be used for sleeves of any size thanks to the possibility to vary the length of the pole according to the sleeve size up to 1800 mm and thanks to the adapter carrier which can be purchased directly or from an authorized supplier; the watertight liquid head as well has been designed with rubber seals suitable for different anilox diameters.

The system is provided with rapid change-over: 5 minutes for the pole replacement, 1 minute for the carrier and 1 minute for the rubber seals.



Cleaning has been tested with water and solvent base inks and, depending on the selected washing liquid and trolley model, it works at room temperature or heat up to 40°.

The ordinary cleaning of a 1300 mm sleeve takes 8 minutes, while the deep cleaning takes 16 minutes. For each washing cycle 2.5 liters of product are required; it is a solution consisting of 40% cleanser and 60% water and it is reusable for several cycles.



Thanks to the combination of the mechanical action of the brush with the washing liquid, excellent cleaning is obtained in a short time without any risk for the sleeve.

[CLEANING DEMO HERE](#)

CONTACT: sleeve@simecgroup.com

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	 LOSMA® 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	 OMERA 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.	 SIMEC GROUP 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	 UTECO GROUP