

October 2023

MODERN *23 Years of Trust*

RNI No.MAHENG07654/13/01/99-TC

PLASTICS

INDIA

www.modernplasticsindia.com | www.modernplasticsindia.in



5 to 8 September 2023

*Special
Supplement*



Mr. Mario Maggiani
Director
AMA PLAST



Ms. Stefania Arioli
Head of Marketing
Area/Research Office
AMA PLAST



Mr. Girolamo Dagostino
Head of the Environmental
& Associative Marketing Area
AMA Plast

AMAPLAST
ITALIAN PLASTICS AND RUBBER PROCESSING MACHINERY
AND MOULDS MANUFACTURERS' ASSOCIATION





5 - 8
SEPT
2023
MILANO



plast
PLASTONLINE.ORG



Mr. Jayesh Khimji Rambhia
Managing Director - Premsons Plastics Pvt. Ltd.

“ I was thoroughly impressed by the range of exhibitors at PlastMilano Exhibition. From state-of-the-art machinery to eco-friendly materials, it was a one-stop-shop for all things related to plastics. This event is a must-visit for anyone in the industry. ”



Mr. Anil Reddy Vennam
National President- Indian Plastics Institute
Vice President (South)AIPMA

“ PlastMilano Exhibition was a great opportunity to learn about the latest trends and technologies in the plastics industry. The insights gained from this event will undoubtedly help my company stay competitive and environmentally responsible. ”



Mr. Deepak Ballani
Director General
The All India Plastics Manufacturers Association

“ PlastMilano Exhibition was a great opportunity to learn about the latest trends and technologies in the plastics industry. The insights gained from this event will undoubtedly help my company stay competitive and environmentally responsible. ”

Plast Milan 2023: Leading the Way in Italian Plastics and Rubbers Processing Machinery

The Italian plastics and rubbers processing machinery industry has been a global leader for decades, consistently pushing the boundaries of innovation and sustainability. At the forefront of this thriving industry is the AMP Plast (Italian Plastics and Rubbers Processing Machinery and Moulds Manufacturers Association), an organization dedicated to promoting excellence and facilitating growth within this sector. In this article, we delve into the world of AMP Plast and their upcoming show, Plast Milan 2023, with insights from key figures like Mr. Mario Maggiani, General Manager of AMA PLAST, Ms. Stefania Arioli, and Mr. Girolamo Dagostino.

AMP Plast: A Pillar of the Italian Industry

AMP Plast, the Italian Plastics and Rubbers Processing Machinery and Moulds Manufacturers Association, has played a pivotal role in the growth and development of the plastics and rubbers processing machinery sector in Italy. Established in 1983, this organization has been at the forefront of industry advancements, fostering collaboration among manufacturers, advocating for sustainable practices, and promoting the internationalization of Italian companies in this field.

Under the leadership of Mr. Mario Maggiani, General Manager of AMA PLAST, and with the dedicated efforts of Ms. Stefania Arioli and Mr. Girolamo Dagostino, AMP Plast has expanded its influence beyond Italy's borders, establishing itself as a globally recognized authority in plastics and rubbers processing machinery.

The Upcoming Showcase: Plast Milan 2023

Plast Milan, one of the most prestigious events in the plastics and rubbers processing machinery industry, is organized by AMP

Plast. Scheduled for 2023, this event promises to be a grand celebration of innovation, sustainability, and international collaboration.

Plast Milan 2023: A Glimpse into the Future

As we enter the era of Industry 4.0, Plast Milan 2023 is poised to reflect the latest trends and technological advancements in the plastics and rubbers processing machinery sector. With the global push towards sustainability, attendees can expect a strong emphasis on eco-friendly solutions, circular economy practices, and the reduction of environmental impact.

Ms. Stefania Arioli of AMA PLAST emphasizes, "Plast Milan 2023 is not just a trade show; it's a platform for industry leaders to come together, share insights, and drive innovation. Our goal is to showcase the best of what Italian manufacturers have to offer while addressing the pressing challenges of our time."

Key Highlights of Plast Milan 2023

- **Innovation Hub:** The event will feature an Innovation Hub where companies can present their cutting-edge technologies and solutions. From 3D printing to smart manufacturing, visitors will get a firsthand look at the future of plastics and rubbers processing machinery.
- **Sustainability Pavilion:** A dedicated pavilion will focus on sustainable practices, materials, and technologies. This aligns with the global shift towards environmentally friendly processes, as Mr. Girolamo Dagostino emphasizes, "Sustainability is not just a buzzword; it's a commitment. Our industry is evolving to meet the demands of a changing world."



Plast Milan 2023: Leading the Way in Italian Plastics and Rubbers Processing Machinery

- **International Networking:** Plast Milan 2023 is a melting pot of international talent. Attendees will have the opportunity to network with industry leaders, experts, and potential partners from across the globe.
- **Educational Seminars:** The event will feature a series of seminars and workshops, covering topics like automation, digitalization, and the future of plastics in a circular economy. These sessions will be led by experts who are shaping the industry.
- **Start-Up Showcase:** Recognizing the importance of nurturing new talent and innovation, Plast Milan 2023 will host a dedicated space for start-ups to present their groundbreaking ideas and solutions.

AMA PLAST: A Driving Force in the Industry

AMA PLAST, a leading company in the plastics and rubbers processing machinery sector, exemplifies the spirit of innovation and excellence that characterizes Italian manufacturers. Under the leadership of Mr. Mario Maggiani, the company has consistently pushed the boundaries of what is possible in this field.

Mr. Maggiani, a prominent figure in the industry, has played a significant role in the growth of both AMA PLAST and AMP Plast. His visionary leadership has propelled the company to new heights while advocating for sustainable and responsible manufacturing practices.

In a conversation with Mr. Maggiani, he shared his vision for the future of the industry, saying, "Our industry has a crucial role to play in addressing global challenges, such as climate change and resource scarcity. At AMA PLAST, we are committed to developing

solutions that not only meet the needs of our customers but also contribute to a more sustainable future."

AMA PLAST: A Legacy of Excellence

AMA PLAST, established in 1973, has a rich history of innovation and excellence. The company specializes in manufacturing a wide range of plastics and rubbers processing machinery, including injection molding machines, extrusion lines, and blow molding machines.

Ms. Stefania Arioli, a key member of the AMA PLAST team, shared her insights on the company's journey. "AMA PLAST has always been driven by a passion for quality and innovation," she stated. "Our commitment to excellence has earned us a strong reputation in the industry, both in Italy and globally."

AMA PLAST's Impact on Sustainability

One of the critical aspects of AMA PLAST's success lies in its dedication to sustainability. In recent years, the company has made significant strides in developing eco-friendly solutions and promoting responsible manufacturing practices. Mr. Girolamo Dagostino, another influential figure at AMA PLAST, emphasized the importance of this commitment.

"We recognize the responsibility we have as manufacturers," said Mr. Dagostino. "We are actively working towards reducing our carbon footprint, minimizing waste, and developing machines that use fewer resources while delivering superior performance."

AMA PLAST's Role in Plast Milan 2023

AMA PLAST is set to play a pivotal role in Plast Milan 2023. As an industry leader, the company will showcase its latest innovations and solutions, reflecting the broader theme of sustainability and innovation. Attendees



Plast Milan 2023: Leading the Way in Italian Plastics and Rubbers Processing Machinery

<

can expect to see cutting-edge machinery designed to improve efficiency, reduce waste, and enhance the overall manufacturing process.

The Italian plastics and rubbers processing machinery industry, led by organizations like AMP Plast and companies like AMA PLAST, continues to be a beacon of innovation and sustainability. Plast Milan 2023 promises to be an extraordinary event, bringing together industry leaders, experts, and enthusiasts from around the world to celebrate the latest advancements in the field.

Under the visionary leadership of Mr. Mario Maggiani, with the dedicated efforts of Ms. Stefania Arioli and Mr. Girolamo Dagostino, both AMP Plast and AMA PLAST are paving the way for a brighter, more sustainable future in the plastics and rubbers processing machinery sector. Their commitment to excellence, innovation, and environmental responsibility serves as an inspiration to the entire industry and beyond.

www.amaplast.org





PLAST 2023: an Opening Ceremony Fit for Royalty

Government, industry, and economic representatives on the guest roster for the opening of the Milanese fair

PLAST 2023, international exhibition for the plastics and rubber industry, is scheduled from 5 to 8 September at the Fiera Milano fairgrounds in Rho.

Expectations are high for the opening event, which will include an inaugural conference and the ribbon-cutting ceremony. The opening will be characterized by quality content and the presence of prominent political and institutional stakeholders, confirming the stature of the plastics and rubber market in the national economy. The event is promoted by The Innovation Alliance, a project combining five international fairs — PLAST, IPACK-IMA, MEAT-TECH, PRINT4ALL, and INTRALOGISTICA ITALIA — that are all showcases of excellence for machinery, technology, and materials for the manufacturing industry.

On 5 September from 10:00 AM to 12:00 noon, the inaugural conference titled “Sustainability 5.0 for plastic: scenarios and developments from production to end-of-lifecycle” in Sala Martini of the Centro Congressi will feature the speakers Gilberto Pichetto Fratin, Minister of the Environment and Energy Security, who will give the

opening address, and Valentino Valentini, Deputy Minister of Business and the Made in Italy, who will deliver concluding thoughts based on the roundtable starting at 10:30 AM and coordinated by the Vice Director of TG5, Giuseppe De Filippi.

Protagonists of the event include:

- Alessandra Colombo, Head of Circular Economy and Sustainability for Versalis S.p.A.
- Cristina Miele, Administrative and Financial Director and Manager of Ferrarelle Società Benefit S.p.A.
- Nico Fontana, Managing Director of Montecolino S.p.A.
- Mario Bagna, Managing Director of Interzero Italy S.r.l.

After the conclusion of the opening conference at 12:00 noon, the fair will be officially opened with the ribbon-cutting ceremony in the presence of:

- Massimo Margaglione, President of PLAST
- Valerio Soli, President of IPACK-IMA
- Andreas Zuege, Director of Intralogistica Italia
- Daniele Barbui, President of ACIMGA



PLAST 2023: an Opening Ceremony Fit for Royalty

<

- Antonio Maiorano, President of ARGI
- Roberto Foresti, Deputy Director of Fiera Milano

Mario Maggiani, Managing Director of Promaplast, the PLAST organizing company, commented:

“PLAST has aroused a great deal of interest also in political circles. Indeed, this year we will enjoy the unprecedented participation of Gilberto Pichetto Fratin, Minister of the Environment, and Valentino Valentini, Deputy Minister of Business and the Made in Italy, who will take part in the inaugural conference on 5 September titled “Sustainability 5.0 for plastic: scenarios and developments from production to end-of-lifecycle”. This means that politicians are paying increasing attention to our market, thanks partly to the activities that Amaplast has spearheaded over the past two years to qualify the event in the eyes of the government and political class.

“Furthermore, the core theme at PLAST is sustainability, which connects it to the first edition of GREENPLAST, which was a great success in 2022. Environmental issues will probably characterize all the fairs in our industry in the coming years and I sincerely do not expect this to taper off anytime soon. Today there is a strong awareness of environmental issues – especially among young people – that we have not seen in the past. And given that the future belongs to our young people but is conditioned by what we do today, it is our duty to go in this direction. Furthermore, the concept of sustainability, in addition to encompassing environmental factors, must also be applied to the economic and social realms. While not the main driver, the economy must always be kept in mind in any initiative, as well as impact on employment (gains or losses) and, more generally, wellbeing.”

□□□



PACKAGING



BUILDING AND CONSTRUCTION



MOBILITY AND TRANSPORT



ELECTRONICS



AGRICULTURE



HEALTHCARE



SPORT AND LEISURE



ENERGY

PLAST 2023: the Green Economy Involves Plastics and Rubber

Carbon footprints of exhibitors and green innovation among the novelties at the exhibition

Circularity, sustainability, and energy savings are some of the guiding themes at PLAST 2023, taking place from 5 to 8 September in the halls of Fiera Milano in Rho. The green economy is a theme that is applicable to the entire plastics and rubber industry and generates a strong push toward innovation and the search for new production paradigms with a central focus on emissions reduction and environmental protection.

An exclusive service for exhibitors: assessment of carbon footprint

As part of its effort to promote sustainability – a theme guiding the entire industry – and with the consolidated tradition of Fiera Milano behind it, PLAST provides exhibitors a service for calculating the carbon footprint of their organization. Fiera Milano has long been committed to reducing its environmental impact and CO₂ emissions generated by events in its facilities by optimizing logistical operations, properly managing wastes, and adopting sustainable food-service practices in keeping with the PLAST philosophy, which is shared with all exhibitors.

Working in collaboration with the specialized company Ambiente Consulenza & Ingegneria, Amaplast supports and guides exhibiting companies wishing to calculate their carbon footprint according to standards developed by the Intergovernmental Panel on Climate Change (IPCC), which operates under the aegis of the United Nations, applying internationally recognized protocols (GHG Protocol and ISO 14064). Assessment of the Carbon Footprint of Organization is one of the most immediate and generally accepted methods for representing and communicating the environmental impact of an enterprise. Amaplast has also undertaken this process for

its own internal operations and will share the initial results during PLAST 2023.

Sustainability at the fair: the French collective

Making its first appearance at PLAST this year, the French collective, composed of 24 businesses, boasts a significant number of projects directly related to sustainability with a particular focus on new, bio-based, compostable, or recycled materials. Sponsored by “French Fab”, which brings together the industrial ecosystem across France, the group will present, among the many novelties, CABAMIX by the JM Polymers Group, which proposes its new CARBOMAX@PHOENIX range of 100% bio-based, compostable, or recycled plastics; NATUREPLAST with new bioplastics obtained from food industry scrap or by-products (cereals, shellfish, algae, etc.); the two start-ups POLYTOPOLY, specialized in research, analysis, and sales of recycled plastics via a digital platform, and HOLIMAKER, which will exhibit a French-made manual injection press for plastics that is unlike any other in Europe. Known as the HoliPress, it offers injection moulding of nearly industrial quality at reduced costs using 3D moulds and offering options for recycling.

The future of the plastics and rubber industry will be in Milan from 5 to 8 September in an event currently boasting 1300 registered exhibitors and ready to host official buyer delegations from 34 countries. Pre-registration is open for professional operators seeking direct contact with specialized firms and solutions for any needs they might have for products, technologies, systems, and business opportunities.



PLAST 2023: 3D Printing Satellite Fair

PLAST 2023, scheduled from 5 to 8 September in the halls of Fiera Milano in Rho, is an opportunity to get an up-close look at the most innovative technological proposals addressed to the plastics and rubber market. Of particular note among the large variety of satellite- shows is 3D PLAST, an exhibition space dedicated to additive manufacturing and 3D printing, rapid prototyping, modelling software, and related technologies.

The large exhibition area of the satellite fair is divided into two sections: an island for conferences on 3D printing and rapid prototyping; and a demonstration area where visitors can get a hands-on experience of the new technology on display. One of the very interesting displays is a sui generis 3D printing application using a humanoid robot equipped with an extruder to build a bicycle. It is an experimental project that gives a nod to contemporary lifestyles, soft mobility, sustainability, and other current themes such as electric mobility.

In the upcoming years, the bicycle industry is expected to grow constantly in response to consumer demand guided by the need to protect the environment, reduce urban traffic, and adopt greener lifestyles. As a demonstration of the potentials of extrusion technology integrated with 3D printing, three different bicycles will be produced during the fair, each with a different material: thermoplastic, reinforced thermosetting resin, and plastic sheet.

The protagonists of the innovative project are businesses and start-ups: Indexlab, MOI, ISINNOVA, eXgineering, Gimac, they demonstrating how 3D additive technology makes it possible to envision artisanal products and adapt them to industrial production, applicable also to the most

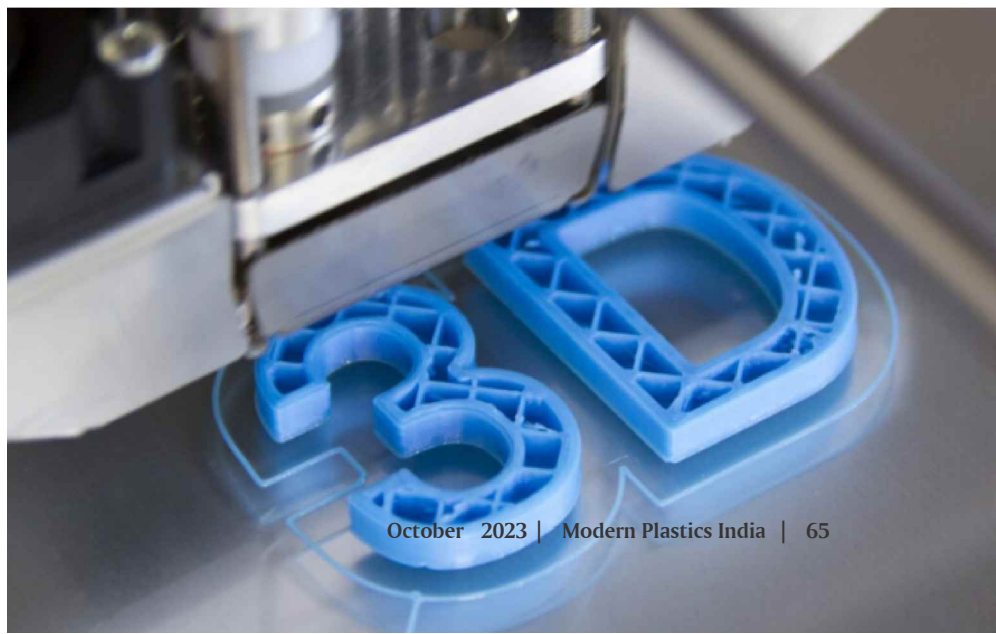
classic designs, such as a bicycle.

"We believe this is a very interesting example of how technology combined with innovation can also move towards environmental sustainability and the transformation of an artisanal product into an industrial process," stated Mario Maggiani, Managing Director of Promaplast, the PLAST organizing company.

He is echoed by Fabrizio Vanzan, Exhibition Office Director for Promaplast, who adds, "3D printing is a highly relevant current technology. We read articles every day in specialized magazines and newspapers regarding products made using this technique and its potentials. So we can only be pleased to host a section in PLAST dedicated to this topic, and there will also be a conference on additive manufacturing titled "Thinking Additive – How additive thinking, communication, and approach condition industrial production". It has been organized to familiarize people with the technology and illustrate the potentials of the sector to all, and most importantly, how it can influence processing technologies of currently existing plastics."

□□□

**Between start-ups
and innovative
projects, an entire
exhibition area
dedicated to one of
the technologies of
the future**



PLAST 2023: the Challenge is Won

Successful edition of the international event dedicated to the plastics and rubber industry. Held from 5 to 8 September 2023 at Fiera Milano (Rho), with a net area of 50,000 sqm and 38,000 visitors, PLAST 2023 has been confirmed as a successful event.

A look at the figures

Plast 2023, with its satellite shows Rubber (rubber industry), 3D Plast (3D printing and related), PlastMat (innovative materials) and a wide range of cutting-edge technological solutions on the key subjects of industrial production such as digitalisation and sustainability, was attended by 1,323 exhibitors, 47% of whom were foreigners, a figure that once again confirms the international nature of the event.

Audience selectivity and technological offer

The excellent results of the 2023 edition were achieved in a context characterised by several organisational and market changes compared to the previous edition, first and foremost the obligatory choice of dates, which coincided with the first week of September.

Not forgetting the general post-pandemic trend towards doing business remotely, which has led to a significant drop in the number of visitors and exhibitors at the main international trade fairs. This is a physiological trend, driven by new business management habits, but it also indicates that professionals are becoming more selective and tend to go to events and exhibitions that are considered truly strategic: Plast's attendance figures show that the exhibition has confirmed its credibility in this respect.

Organiser satisfaction

"As organisers of the event, we are satisfied," said Mario Maggiani, General Manager of Promaplast, the company which organises the event, "we know that the beginning of September is a complicated time for an exhibition, but the change in the post-Covid exhibition calendar left us no room for manoeuvre. However, this did not prevent us from organising another successful event. If you look at the number of visitors, the result is excellent, even taking into account the fact that Plast did not coincide with The Innovation Alliance. Moreover, the split between Italian and foreign visitors, at around 70% and 30% respectively, tells us that, overall, we have achieved a good result in an increasingly complex international exhibition context."



The 38,000 visitors who filled the halls were characterised by a considerable international presence, with 26% of the visitors coming from 109 countries. Of these, Europe stood out with 63.89%, Asia with a significant 20.22%, Africa with 7.58%, closely followed by the Americas with 7.56% and Oceania with 0.75%.

Equally important was the international presence of around 300 buyers, coordinated by ICE - Agency for the Promotion Abroad and Internationalisation of Italian Companies. A satisfying result for organisers and exhibitors, which demonstrated that Plast is a solid and attractive event, despite the fact that it did not coincide with The Innovation Alliance, which in 2018, with its integrated system of events, had gathered an audience from the entire capital goods supply chain, from packaging to materials, from meat processing technology to logistics and printing.



Mr. Manish Dedhia
President (AIPMA)
Managing Director Mitsuchem Plast Ltd.

“ The PlastMilano Exhibition showcased the innovative power of the plastics industry. I was particularly impressed by the emphasis on sustainability and circular economy solutions. Kudos to the organizers for a job well done! ”



Mr. Mayur D. Shah
Immediate Past President (AIPMA)

“ PlastMilano Exhibition exceeded my expectations in every way. The workshops and presentations were incredibly insightful, and I gained a deeper understanding of the industry's future. ”



Mr. Shivam Bansal
Director
JJ Plastalloy Pvt. Ltd.

“ As a business owner, I can confidently say that PlastMilano Exhibition provided me with the tools and knowledge to make more sustainable choices for my company. It's a fantastic platform for anyone looking to align their business with environmental goals. ”

