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IPAMA

# showdaily

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MARCH 14 - 17, 2024, INDIA EXPO CENTRE, GREATER NOIDA, NCR DELHI

## IntraPac India 2024 THE EXHIBITION ON COMPLETE PACKAGING INDUSTRY BEGINS!

Featuring more than 170 exhibitors, debut edition of IntraPac India is presenting the whole gamut of latest machines, technologies, and solutions appertain to what's trending and coming up in the packaging industry. Under the theme of 'The Future is Out of The Box', the show is having new launches of products and LIVE demonstrations of groundbreaking machines that visitors would have ever witnessed.



Organised by IPAMA (Indian Printing Packaging & Allied Machinery Manufacturers' Association), IntraPac India 2024, marking its maiden edition, opens its doors today at India Expo Centre in Greater Noida, Delhi-NCR. To be held from March 14–17, 2024, the four days of the show is showcasing all packaging solutions, machinery, and allied products inclusive of plastic packaging, metal packaging, glass packaging, paper packaging, filling, capping, filling & sealing, biodegradable packaging, protective packaging, automation and robotics, tube packaging, mono cartons, traceability & tracking, logistics, film, moulding, and many more related to the industry. This is indeed an exhibition on complete packaging industry!

Being the latest addition to the history of IPAMA, IntraPac India 2024 is set as a prolific platform where exhibitors and trade visitors are bonding together to take their business mutually and cordially to all new another level. The inaugural edition of the show has

a plethora of products and technologies for all segments of the packaging industry. Among the key showcases are some indigenously 'Made in India' machines which are at par with the global quality and standards.

In addition, this show running in three well-arranged halls has some of the key exhibitors whose ever-demanding products, cutting-edge machines, emerging technologies, and high-end materials for the packaging industry are paving a new way to persuade and help those who are in pursuit of newer applications and solutions. Leveraging the latest technologies and innovations, exhibitors at IntraPac India 2024 are exhibiting and introducing diverse arrays of offering for all domains right from pharmaceuticals, cosmetics, chemicals, beverages and many others.

After all, IPAMA makes all arrangements and execution diligently and flawlessly for IntraPac India 2024 which has set as an exhibition on complete packaging industry.

### BIG SHOWCASES @ IntraPac India 2024

- Uflex
  - Niswa
  - Greenberry Foils
  - Greencore Paper Conversion
  - Shyam Techno Print
  - Maan Machines
  - Zenith Rubber
  - Asian Organics
  - Ecogenics Solutions
  - Shubham Flexible Packaging Machines
  - Sunpack Group
  - Jain Papers
  - Bilal Engineering Works
  - Hariram Engineering
  - Veekay Industries
  - Mehta Hitech
  - SC Packaging
  - APL Machinery
  - Joy Pack India
  - Millennium Packaging
  - Monotech Systems
  - Galaxy Packtech
  - Shree Balaji Packtech
  - ColorJet India
  - MRL Printing Rolls
  - Ajit Industries
  - Mark Vi Trac Systems
  - Vijaya Grafiks
  - Harpreet Graphics
  - Boxtech Bangalore
- (In terms of displays and exhibition areas)

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# “IntraPac is India’s first show to cover the entire packaging industry”

Says Jaiveer Singh, President of IPAMA, the organiser of IntraPac India 2024!

**Traditionally IPAMA is known for its landmark show PRINTPACK, so what this new show IntraPac is all about and tell us about its objective?**

**Jaiveer Singh:** IPAMA being the association of manufacturers, we have seen there has been big vacuum for the packaging segment which we need to fill up. So is the main objective of introducing this show—IntraPac. There are certain shows which are organised in confined places without covering the entire packaging industry. So, the entire team of IPAMA eventually decided to introduce IntraPac as the first complete show for the industry in India, at par with those packaging shows happen in offshore countries like Germany. We are organising IntraPac economically without giving much trouble to exhibitors which include all manufacturers from all domains, such as glass packaging, flexible packaging, paper craft packaging, tin packaging and so on.

**How many IPAMA members will take part in IntraPac India 2024?**

**Jaiveer Singh:** When we talk about IPAMA members who participated only in PRINTPACK INDIA expo were some 300 plus. But when we started announcing about IntraPac show, the number kept increasing day-by-day, primarily from all segments and many allied domains. IntraPac India 2024 is the right platform for them to showcase their packaging machines, technologies, and innovations. This is indeed India’s first show to cover the entire packaging industry.

**Indian participants including IPAMA members are increasingly participating in overseas shows like drupa. In this, what message is India sending out to the world?**

**Jaiveer Singh:** If you look back a decade back, quality of machines and products which Indian manufacturers produced were not up to quality mark. However, as per my own observation it has been drastically improved in terms of quality, finishing and everything. So, all our



*Jaiveer Singh, President of IPAMA*

products and technologies are presentable now on the global stages like drupa where international buyers are attracted to the Indian machines and equipment. Similarly, we provide them the opportunity to do the same at IPAMA’s shows here in India.

**Tell us in brief about some of IPAMA’s core activities, in addition to shows.**

**Jaiveer Singh:** Well, if we talk about the latest development at IPAMA it would be our new Research Team. The idea is to have IPAMA’s own market research team. The team is designated for conducting extensive and in-depth market research and we have set the facility in own building for thorough testing of products and technologies at economical rates. It’s still an undergoing development; hopefully, it will be full-fledged practice in a year or two.

**How would you connect IntraPac with PRINTPACK?**

**Jaiveer Singh:** Though IntraPac is our newborn baby, we now consider it as brother of PRINTPACK. As on today, the space at the venue of PRINTPACK INDIA 2025 is completely occupied and we are

figuring out to add more space. So, my point here is PRINTPACK INDIA will no longer be Mini drupa, but the drupa of India soon.

**What are the segments which you think growing so fast in India?**

**Jaiveer Singh:** Paper bag packaging, pharmaceutical packaging and even the traditional packaging like carton boxes are growing fast in the Indian market. As per the mechanical standards, there have been a lot of improvements in the industry over the last 10 to 15 years, almost at par with the European standards. Now, we are not lagging behind in terms of metallurgical and mechanical engineering. Our products are now as good as the European products. However, there is a gap in technologies.

When I say technologies, it means electronics and system technologies where ‘automation’ is involved. For traditional machines our mechanical competency is strong enough, but we still need to work for certain parameters like ‘automation’ especially for the productivity of machines.

**Do you approach the government for the betterment of the industry and making India shine?**

**Jaiveer Singh:** Of course, we do. Just recently, we went to the Ministry of Heavy Industries where we discussed and they gave us the boost to encourage our manufacturers to start produce new and innovative technological products that have never manufactured in India. IPAMA is engaging in such tasks of connecting the government and our manufacturers.

**Lastly, what do you foresee about the industry in the next one year?**

**Jaiveer Singh:** It all depends on different segments, such as core printing, paper packaging, web-offset, sheet-fed, etc. However, the packaging segment is growing rapidly and India is a hub for coldest web offset technology, which is a bit lagging behind, but the expectation is that in the next one year it will surely come up well. ■

## Ace Packaging Solutions exhibits shrink packaging machine

**A**ce Packaging Solutions, a leading manufacturer and custom-packaging solution provider, is attracting crowds on the first day of IntraPac India 2024 as its stall is flaunted with some crowd-pulling products. "We are exhibiting some shrink packaging machines which we manufacture and design as per the increasing demands and desires in the industry," says Vikram Singh, CEO, Ace Packaging Solutions. Custom packaging solutions offered by Ace Packaging Solutions make food packages, printed boxes, bags, etc unique and stand out amid crowds.



Ace Packaging Solutions provides custom packaging supplies to address the unique needs of diverse businesses. The company's ultimate goal is to make its customers the hero for their clients and superiors. "With our products and solutions, we can save you time so that you can focus on your employees, your customers, and the other important details of your business. This is what we are conveying at IntraPac India 2024 as we take care of all packaging solutions for our customers so that they can shine," mentions Vikram.

**Visit Ace Packaging Solutions at Stall B-22A in Hall-3**

## A One CTP offering top-notch consumables

**A**One CTP, one of the leading exporters and manufacturers of rubber blanket for offset presses, PS plates, CtP plates, rubber suction cups, etc, is shining at IntraPac India 2024 with the showcases of a range of high-end products and solutions. "Our offered range of pre-press products and solutions are high in conformance of the

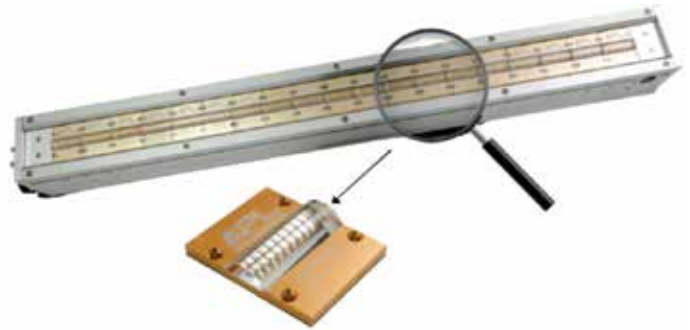


standards as being defined at all levels," says Ankur Goel, Director of A One. He adds that they take the opportunity of participating in the debut edition of IntraPac India for unveiling the new and innovative range of products and solutions.

Ankur adds that they are exhibiting some new blankets and consumables for big brands like Heidelberg and others. He continues, "This exclusive show of IPAMA on complete packaging industry is the right platform for us to share some new innovations and high-end product range which we have ever introduced in the industry." A One CTP has been known to offer with the most dependable range of products which are durable and longer shelf life and well-tested and standardised.

**Visit A One CTP at Stall B-29 in Hall-3.**

## APL Machinery showing new LED UV innovations



**A**PL Machinery, which boasts of being the first introducer of LED UV business in India, is unveiling all new LED UV innovations at this IntraPac India 2024, debut edition of IPAMA's venture into the show exclusively designed and dedicated to the packaging segment. The new range of innovative products which APL Machinery is presenting at this maiden show includes 3D foils, LED UV system and digital production press for the packaging printing segment.

Some of the key products from APL Machinery now available in the market include flexo printers, UV coating and conventional coating machines, 3D UV curing systems for various applications as well as customized screen printing machines. CP Paul, Director, APL Machinery Pvt Ltd, says the IPAMA's debut IntraPac India 2024 is really a prolific platform to connect with the entire packaging industry.

**Visit APL Machinery at Stall B-24 in Hall-3.**

## Hariram Engineering unveils cutting-edge digital printing & print enhancement solutions

**S**urat-based Hariram Engineering, which is proficient in manufacturing, supplying, trading and distributorship of an ample range of premium quality paper-plate making machines and raw materials, is showing new cutting-edge digital printing and print enhancement solution at IntraPac India 2024. "Made



under the stringent surveillance of professionals and experts, our entire range of high-quality machines offered high demands in the industry," says Gautam Chandu, Director of Hariram Engineering.

He adds, "We are backed by a sophisticated infrastructure facility and a dextrous team that aids us in making the offered range of utmost quality machines available to our valued patrons. Attributing to the assiduous efforts of our diligent team, we have earned the desired goodwill in the market. At IntraPac India 2024, we are unveiling cutting-edge digital printing and print enhancement solutions."

**Visit Hariram Engineering at Stall C-24 in Hall-5**

## Harpreet Graphics introduces multi-purpose machine

At IntraPac India 2024, Harpreet Graphics introduces a new and upgraded machine for printing different materials and end-products. Manpreet Kaur of Harpreet Graphics shares that they are a leading manufacturer, retailer and trader of cold lamination machines, fusing machines, and more. She adds, "At this show, IPAMA's debut IntraPac India 2024, we are proud to say about bringing a new and upgraded multi-purpose machine for diverse applications, hoping that it would be suitable for packaging as well as many others in the allied sectors."

The multipurpose machine which Harpreet Graphics is showcasing at IntraPac India 2024 is especially engineered for multicolour lanyards, wrist bands, tags, and many other applications. According to Manpreet, this new multi-purpose machine is designed in order to meet the increasing demand for such machine in the ever expanding commercial printing and packaging printing market of India.

**Visit Harpreet Graphics at Stall A-24 in Hall-1**



## Asia Organics exhibits diverse chemical products



Asian Organics, based out of Delhi, is a prominent manufacturer, exporter, trader and supplier of chemical products. The showcasing a whole gamut of its products at IntraPac India 2024. Some of the company's key products include pigment paste, pigment colour paste, fluorescent pigments and water-based iron oxide. "With our sound product knowledge and full grasp over the market functional behaviour, we have been able to carry the business with result bound solutions. Moreover, we make sure to use the available resources in a productive way, which supports us to achieve the targets in a cost-effective way. This is what we are sharing at IntraPac India 2024," announces Akshay Saxena, Proprietor of Asian Organics.

Being a company with the zeal to produce quality products and offer economical and coveted service to its customers, Asian Organics' stall at IntraPac 2024 is flaunted with whole range of chemical products defined by competitive advantages, quality, and cost-effectiveness. Also, being a quality destined organisation, the company makes sure to accomplish all the given projects in a precise way to achieve optimized solutions, meeting every requirement of its clients.

**Visit Asian Organics at Stall A-16D in Hall-1.**

## Bakshi Mark shows competency of automation & robotic solutions



Bakshi Mark, an innovative manufacturer and provider of total solution of automated conveying with integration of complex turnkey systems, is showing its state-of-the-art products and solutions at IntraPac India 2024. The company's showcases at the expo include some new solutions for conveying, pulling and latest addition to laser systems. Nagesh Bakshi, Managing Director of Bakshi Mark Private Limited says automation and robotic controls gain new grounds in the modern packaging and related sectors.

Bakshi Mark's key product range includes its ever demanding system for aligning, coding, collating, gantry, pick & place, profiling, robotics, shrink wrapping, sorting, taping, stretch wrapping, track trace, weighing, etc. Over the last three decades and so, the company has been serving across all industrial sectors to the sheer needs and satisfactions of various clients.

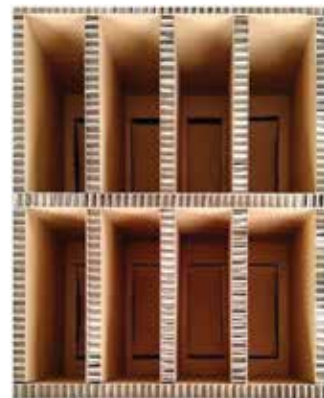
**Visit Bakshi Mark at Stall C-45A in Hall-5**

## Ecogenics unleashes excellence in honeycomb packaging

Ecogenics Solutions, a leader in honeycomb packaging solutions, has chosen IntraPac India 2024 as a platform for unleashing its latest solutions and technology in honeycomb packaging. The company has been advanced on the forefront of manufacturing, exporting, and supplying broad range of honeycomb products. "Our establishment has been based on the belief of serving the world of packaging with eco-friendly 'honeycomb products' to meet the requirements of our clients. So, we have developed advanced infrastructure facility that comprises state-of-the-art machinery portfolio from different parts of the world," says Arpit Goyal, Managing Director of Ecogenics Solutions Pvt Ltd.

He adds, "We are delighted to be part of this first and foremost show of IPAMA on the packaging industry. During the show, we will be unleashing some new technologies and solutions for the honeycomb packaging. This is indeed a great moment for us to recognize the need for innovative packaging solutions that includes the best features of honeycomb and many different materials".

**Visit Ecogenics Solutions at Stall B-22 in Hall-3**



# Mehta Hitech presents PRESTO redefining direct-to-packaging printing

Mehta Hitech Industries Limited, formerly Mehta Cad Cam Systems Pvt Ltd, has been pioneering in supply and manufacturing of CO<sub>2</sub> laser, fibre laser, CNC router, digital large-format printing systems and many more over the last three decades. The company today redefines direct-to-packaging printers with PRESTO now exhibiting at IntraPac India 2024.

Cracking a new dawn of advancement in direct-to-packaging printing, Mehta Hitech has unpacked PRESTO system. Shailesh Mehta, Managing Director, Mehta Hitech Industries Limited, remarks, "This new packaging system from us is a new milestone in single pass direct-to-packaging printing on diverse paper/corrugated products. This machine debunks all traditional ways of lengthy packaging printing process, such as plate making. Certainly! A redefined way of direct-to-packaging printing!"

PRESTO PR-A1-2616 is what demonstrating LIVE at the stall of Mehta Hitech. This system is compatible with a broad range of paper products, such as Kraft paper bags, envelopes, corrugated items, etc. "This machine is ideally engineered for multi-task continuous printing, suitably for batch printing by supporting roll-to-roll flexible materials with no print limit," mentions Shailesh.

Capable to take up both pigment inks and dye inks, PRESTO PR-A1-2616 delivers high-end packaging graphic prints. It is equipped with industrial grade HP thermal foaming printhead for high-speed printing. It can operate at the speed up to 50m/min on 30m thick, delivering high-end graphic prints in 1200x1200dpi. The system's combination design of pressing sheet ensures that substrates and media are passing under



*Shailesh Mehta, Managing Director, Mehta Hitech Industries Limited*

the printhead smoothly and stably without any damage. After all, PRESTO PR-A1-2616 features high-definition touch screen and user-friendly operation.

With the invaluable support from their stakeholders, Mehta Hitech celebrated a significant milestone last year with the establishment of 10 new state-of-the-art manufacturing units in Ahmedabad. Specialising in the manufacturing of cutting-edge machines, the company has

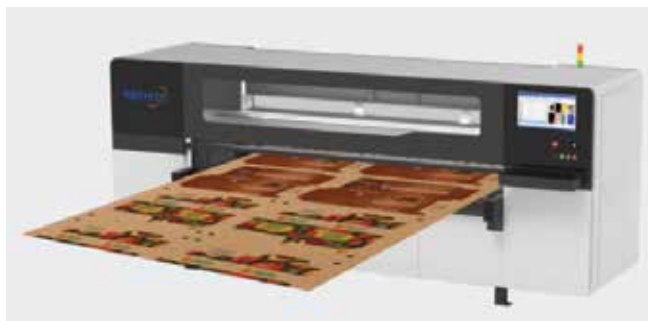
consistently delivered unparalleled quality and innovation to its customers.



"We are excited to reveal a new corporate identity that resonates with our dedication to delivering the best possible, hitech solutions proudly made in India, made by Mehta. Today, we are thrilled to introduce our new name 'Mehta Hitech Industries Limited', embracing a renewed tagline 'Growing with You,'" mentions Shailesh. As the company has embarked on this journey of growth and innovation, its new identity promises more advanced technology, increased innovation, and exciting opportunities. The rebranding signifies the company's commitment to growing alongside its valued customers, embodying the spirit of collaboration and progress.

Doubtless to say Mehta Hitech has been a leader in the industry for more than 30 years. Specialising in the manufacturing of cutting-edge machines, including fiber laser machines, CO<sub>2</sub> laser machines, digital large-format printers, and CNC routers, the company has consistently delivered unparalleled quality and innovation to its customers. Now, the company is gaining new grounds in the packaging printing market with the introduction of groundbreaking PRESTO direct-to-packaging printer.

Mehta Hitech's new tagline 'Growing with You' signifies its focus on partnership, shared success, and continuous advancement. In this respect, Shailesh says the company's transformation is more than just a change in name; it's the commitment to their customers and partners. In fact, 'Growing with You' summarises Mehta Hitech's dedication to fostering collaborative relationships and mutual growth with their customers and partners in India and overseas markets.



# Monotech Systems stays at forefront of unfolding cutting-edge technologies

As a leading machine manufacturer and one-stop solution provider for the printing & packaging industry globally, Monotech Systems has been committing to innovation and technological excellence persistently evident in the company's constant launches of new machines and equipment.

With the recent launches of the upgraded versions of RICOH Pro C7500 and RICOH Pro C9500, Monotech Systems has additionally implemented various updates to its proprietary products, including JETSCI and PixelGlow. "This continuous evolution reflects our dedication to staying at the forefront of cutting-edge technology and providing our customers with unparalleled printing solutions," says TP Jain, Managing Director, Monotech Systems Ltd.

He adds, "As we set our sights on the fiscal year 2024-25 and will be celebrating our 25 years of business, Monotech Systems stands poised for a period of dynamic growth and innovation. Fuelled by a commitment to excellence and cutting-edge technology, we anticipate a transformative journey ahead. Our strategic vision encompasses a holistic approach to



address the evolving needs of the market, with a focus on advancing our product portfolio and expanding our reach.

He continues, "We are dedicated to enhancing customer experiences through innovative solutions and personalized services, solidifying our position as a leader in the industry. As we navigate the challenges and opportunities of the upcoming fiscal year, Monotech Systems remains steadfast in its pursuit of pushing boundaries, fostering creativity, and delivering value to our valued stakeholders. With an optimistic outlook, we are prepared to embrace the future with resilience, adaptability, and a relentless pursuit of excellence."

TP Jain further mentions, "In printing, the triumvirate of Innovation, Quality, and Flexibility serves as the cornerstone for differentiating businesses and propelling

them to new heights. Starting with a low-cost, fully digital enhancement solution, printers can embark on a journey that revolutionises their approach to productivity and innovation. The integration of on-the-go upgrades amplifies their capacity to adapt swiftly, pushing the boundaries of what is achievable in the world of print. Together, these three pillars (Innovation,



TP Jain, Managing Director, Monotech Systems Ltd

Quality, and Flexibility) redefine the printing landscape, fostering business differentiation and driving sustained profitability."

Monotech Systems' strategic focus on innovation not only ensuring a competitive edge but also opens avenues for groundbreaking solutions. "Quality becomes the lodestar, ensuring that each print is a testament to precision and excellence. Flexibility, the third pillar, empowers printers to navigate the dynamic demands of the market, positioning them as agile players capable of meeting diverse customer needs," mentions TP Jain.

The company takes immense pride for its cutting-edge inkjet printing solution tailored for book and label printing. JETSCI Knowzlejet is such an Inkjet Web Press specifically designed for print-on-demand book applications. Additionally, the company's digital label printing solution has garnered significant attention, sparking interest and demand in the market.

At the ongoing IntraPac India Exhibition 2024, Monotech Systems is exhibiting its cutting-edge TRACESCI - Track & Trace Solution, a SaaS platform offering brand owners the comprehensive insights into their products, including real-time GPS location, scanning patterns, and alerts for suspicious activities. This tool enables brand owners to access actionable product data, facilitating strategic decision-making and operational excellence.

In his word on the ongoing debut maiden IntraPac India 2024, TP Jain remarks, "As the show is organised by the largest printing association in India, IPAMA, we anticipate a high visitor turnout and a wide array of offerings from the packaging segment."



# A wave of changes on packaging horizon

Over the years or decades, the packaging industry has now been facing significant changes that could have occurred independently but have now converged. The convergence of conjunctural and structural elements is reshaping the packaging industry. While these elements may not fundamentally challenge an industry known for its resilience, they are compelling all players to embrace change. Here's an insight into it by François Martin – Graphics Industry & Communication Consultant.



François Martin

The conjunctural elements that are evident and notably impacting profit margins are listed as below:



Increase in energy & raw material prices. The significant price hikes, even when passed on to customers, are not sustainable in the long run. It is imperative for converters to implement energy-efficient production lines. Equally important is quality control and waste reduction. For machine manufacturers, after implementing notable price increases in 2021 and 2022, they now revamp their offering behind one simple motto: automation.

Scarcity of labour & qualified employees: When we were to survey individuals with no professional or family ties to the industry, they would likely perceive it as a traditional and noisy sector. Furthermore, packaging is often seen as polluting and environmentally unfriendly. However, the advent of digital machinery and AI presents opportunities for packaging manufacturers to offer new

careers and reshape their image to attract fresh talent.

Proliferation of short print runs: The growth of short print runs is expected to accelerate in the coming years. Brands manage increasingly diverse product portfolios, and sales forecasting has become more complex. The concept of 'on-demand production' is becoming the norm. Additionally, promotional and event-based packaging, which often has a short lifespan, contributes to this trend.

Evolving role of packaging: Packaging is no longer just about protection; it plays a crucial role in enticing customers, informing consumers, and optimizing the supply chain. As a result, new designs, customization, QR codes, and serialization are becoming increasingly common.

New regulations: Brands and retailers are required to be transparent about the composition and origin of their packaging. Communication about materials used, recycled content, and recyclability can render certain packaging types and the machines producing them obsolete. Many

large brand owners made significant pledges towards recyclable packaging by 2025. The clock is ticking.

Environmental responsibility: With growing concerns about the environmental impact of packaging, there is a shift from plastic to paper/cardboard and the development of new mono-component substrates for easier recycling. However, the challenge lies in the existence of recycling infrastructure. Packaging manufacturers need to implement industrial production processes capable of handling these new materials across coating, vacuum metallising, printing, and lamination to the manufacture of final packages with proper sealing and opening features.

Workflow management: It has become the nerve centre of packaging manufacturers. From order placement to pre-press, production, quality control, and invoicing, optimizing the flow of production and processes and mastering workflow management are fundamental. data-driven processes, leading to greater operational efficiency and optimized resource allocation are now required for faster-time to market and more flexibility. And the advent of AI will further enhance the power of software tools and machines for an ultimate flexibility including preventive maintenance. The challenge lies in employees' ability to effectively manage the provided information, and management's willingness to validate recommendations from intelligent systems.

So, what's next? Combining the conjunctural and structural elements, it becomes apparent that the packaging industry will face numerous significant challenges. (Source: drupa)







# How to secure food packaging

Secure food Packaging, especially when made of plastic, is often today the target of criticism, focusing on excessive volumes of waste, carbon emissions and resource consumption. In this process, their most important function is often forgotten: protecting products so that they reach the consumer unscathed. And packaging is crucial to ensuring this outcome.

It makes it possible to transport and store goods as well as ensuring their hygiene, quality, authenticity and integrity. It is particularly the case for food and pharmaceutical products, but plenty of other goods would also end up being thrown away unused in the absence of packaging. The main task of a good packaging solution is to provide the best possible protection for the contents inside. Arguably, this is most evident and important in the food segment. Innovative and intelligent packaging solutions play a role in reducing food waste.

Food continues to be packaged in multilayer plastic composites, because the different layers can be easily adapted to suit the relevant product's protection needs. However, multilayer packaging is currently not recyclable, meaning that it ends up in a landfill or being incinerated. In the Circular FoodPack research project, scientists at the Fraunhofer Institute for Process Engineering and Packaging (IVV) are currently working

on recycling food packaging in a closed loop and making it possible to use in direct contact with food. For this purpose, they are developing innovative monomaterial packaging that keeps pace with multilayer composites in its protective function as well as allowing for a closed loop through recycling and reuse.

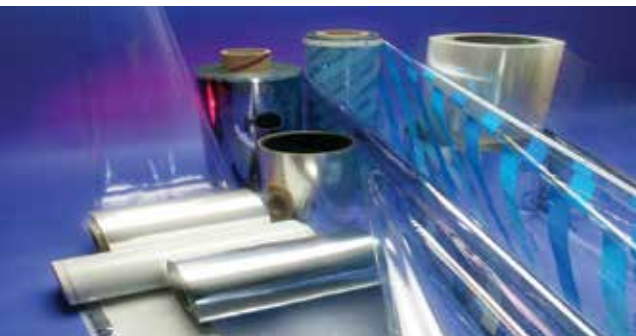
Strict legal requirements have to be satisfied in order to reuse recycled materials in food packaging, with EU Regulation 2022/1616 (on recycled plastic materials and articles intended to come into contact with foods) requiring functional barriers whose properties can be documented. To this end, Fraunhofer IVV has developed a screening method for functional barrier layers that are intended to prevent the migration of undesirable substances into food. This involved examining thin organic and inorganic coatings used as barrier layers, which were then put through practical testing later in the project.

Paper is not always the first choice when it comes to packaging food, especially for products with fatty or liquid ingredients, because fibre-based materials do not always provide the requisite barrier properties. On the other hand, there is an ongoing trend away from plastic packaging and towards paper packaging. Where packaging comes into contact with fatty or liquid products, this makes barrier protection essential.

It has been approved for contact with food and has strong barrier properties against liquids, fats and oils (including mineral oils) as well as effective thermostability to withstand boiling water at up to 100°C. In addition, Ecovio sticks very well to a wide range of paper and cardboard surfaces. This makes the new product line suitable for paper-based solutions such as cups and containers for dairy products, frozen foods, wrapping paper for sandwiches and cereal bars, bowls for confectionery and snacks, and to-go cups for hot and cold drinks or soups.

Important from a commercial viability point of view, the manufacturer states that the new extrusion-coating process reaches a speed comparable to that achieved with polyethylene (PE). And depending on the application and the equipment, coating weights similar to those reached with PE can also be delivered, meaning that very thin coatings are possible.

*Source: Interpack)*



# EXHIBITORS LIST

Company	Hall No.	Stall No.	Company	Hall No.	Stall No.	Company	Hall No.	Stall No.
3S Graphic Solutions	3	B42A	Indian Institute of Packaging	5	C28	R.K. Packaging Machine		
Abhikruti Digi Soft	1	A54	Indian Printer & Publisher	1	A29C	Manufacturing Work Shop	3	B10
Ace Packaging Solutions	3	B22A	Innovative Flexotech Pvt. Ltd.	1	A17B	Radiant Heating Systems Pvt. Ltd.	1	A3
Acme Machinery (India) Pvt. Ltd.	1	A49	Intergraphic Sales & Services Pvt. Ltd.	3	B23D	Raj Shree Printing Machinery	1	A18B
Airex Overseas LLP	5	C29	J.P. INDUSTRIES	5	C46	Rita Pad Printing Systems Ltd.	5	C39
Ajanta Industrial Corporation	3	B21	Jain Paper Conversions	1	A16A	Roll Tech	1	A32
Ajit Industries Pvt. Ltd.	3	B49	Jion Media Publication (CP Mirror)	5	C14	S S Packaging	1	A53
Allespack Systems Pvt. Ltd.	3	B46A	JJ Enterprise	3	B23A	SASG UV Solutions Pvt. Ltd.	3	B36
Amar Industries	1	A29B	JNR Enterprises	3	B48	SC Packaging	3	B41
Aone CTP	3	B29	Join Pack Machines Pvt. Ltd.	5	C4	Senior Paper Packaging Machinery		
Apex Automation	5	C48	Joy Pack India Pvt. Ltd.	1	A17A	Manufacturing Co.	3	B43
APL Machinery Pvt. Ltd.	3	B24	JSR Instruments	3	B61	Service Equipment Company	3	B25A
Aramco Papers Pvt. Ltd.	1	A43	Kalka Engineering Works	1	A28C	SG Edge	3	B47B
Arden Asia Pacific Software Pvt. Ltd.	3	B15, 18 & 19	Kamtronics Technology Pvt. Ltd.	3	B55	Sharda Containers Pvt. Ltd.	5	C26
Asian Organics	1	A16D	Kapsun Resources Corporation	3	B32	Sheetal Enterprises	5	C7
ASPA	3	B46	KG Insolation	5	C5A	Shekharson Technologies LLP	3	B42B
Associated Engineering Corporation	1	A48	KGR Machines	1	A6A	Shree Balaji Packtech Pvt. LTD.	1	A33
Associated Enterprises	1	A48A	Krishdha Trading & Exim	3	B31	Shree Lampack Pvt. Ltd.	3	B5
Associated Industrial Corporation	1	A29A	KTR Power Transmission	3	B39	Shri Ganesh Chemicals Industries	3	B26
AVS Packaging Pvt. Ltd.	3	B21A	Labels Flexibles & More	3	B53	Shri Krishna Packaging		
Avtar Mechanical Works	1	A21 & 22	Lakshmi Trading Company	3	B42C	Consultants Pvt. Ltd.	5	C18
Baba Products	3	B25	LMI India Pvt. Ltd.	1	A35	Shri Vinayak Packaging Machine		
Bakshi Marcode	5	C45	LUNA Technologies Pvt. Ltd.	1	A33A	Pvt. Ltd.	3	B56 & B57
Bakshi Mark Pvt. Ltd.	5	C45A	Maan Machine Tools	3	B45	Shubham Flexible Packaging		
BB Power	5	C3	Mapac Technology	3	B20A	Machines Pvt. Ltd	1	A16C
Boxtech Bangalore	1	A11	Mario Industries Pvt.Ltd.	1	A12	Shyam Techno Print	1	A30
Chemi Tech Engineers Pvt. Ltd.	1	A47	Mark Vi Trac systems	1	A4	Sidsam Formilan Machines Pvt.Ltd.	5	C30
Colorjet India Ltd.	3	B44A	Mechtronics Systems and Solutions	3	B60	Sigmatech Industrial Electronics	5	C20
Continental Packaging	1	A25	Mehta Cad Cam Systems Pvt. Ltd.	1	A31B	Simplify INC	3	B4
Control Print Ltd.	3	B16	Micronvac Engineers	5	C13	SK Ensure Machinery Pvt. Ltd.	1	A10
Cordex Pack Pvt. Ltd.	1	A14	Midaas Touch Event	5	C38	Sky Air Cooler	1	A42
Dhruv Media	5	C33	Millenium Packaging Solutions	3	B44	Sky Global Pvt. Ltd.	1	A50
Dots Mark Systems India	3	B14	MLT Pack Services	3	B40	Sky Industries Ltd.	5	C11
Dr. Madhab's Packaging Consultancy	3	B46B	Monotech Systems Ltd.	3	B20	Soham Industrial Machinery Ltd.	1	A44
Eagle Solutions	3	B37	Monu Graphics	1	A28B	Sond Engineering Works	1	A28D
Ecogenics Solutions Pvt. Ltd.	3	B22	MRL Printing Rolls (P) Ltd.	1	A17C	Sudarshan Book Distributors	1	A52
Empowera Technorganics Pvt. Ltd.	1	A37 & 38	Multi Hitech Inc.	3	B7	Suddha Machineries and		
Eutair Equipments LLP	5	C5	Narang Sons	3	B62	Industries Pvt. Ltd.	3	B51
Fair Deal Engineers	1	A1 & 2	Navkar Traders	1	A7 & A8	Sunlan Chemicals	1	A32C
Fill Pack Industries	5	C42	Navnit Blister Packs Pvt. Ltd.	1	A27	Sunpack Solutions Pvt. Ltd.	3	B22D
Food Infotech	3	B47A	Neel Kanth Machinery Company	1	A6	Super Bond Adhesives Pvt. Ltd.	1	A19A
Four Square Media (Print And Pack World)	5	C49	Niswa Engg. Solutions India Pvt. Ltd.	1	A29	Synergy Systems	3	B1
Frank Technologies Pvt. Ltd.	3	B22B	Origami Machines Pvt. Ltd.	1	A34	Taniya Machinery Pvt. Ltd.	1	A5
Freedom Chemtech LLP	1	A23	Packaging Industry Association			The Packman	3	B30
Friends Engineering Company	1	A19	of India (PIAI)	5	C36	The Pharma World	3	B54
Galaxy Packtech Pvt. Ltd.	3	B23C	Packmach Systems	1	A30A	The Regional Institute Of		
Gaylord Packers (India) Pvt. Ltd.	3	B9	Perfect Packwell Industries	1	A9	Printing Technology		
Gliten Tins Pvt. Ltd.	3	B12	Pioneer Electrical Manufacturing Co.	1	A18C	Alumni Association (RIPTAA)	5	C32
Global Packaging Systems	5	C21	Plastic Tomorrow	5	C2	Topnotech Packaging Solution	5	C43
Global Vision	3	B33	Pramod Graphics Instruments (P) Ltd.	1	A46	Trade4India / Digital Trade Network	3	B13
Greenberry Foils India Ltd.	3	A28A	Precision Machines And Automation	3	B64, 65 & 66	Triune Exhibitors Pvt Ltd	5	C37
Greencore Paper Conversion Pvt. Ltd.	5	C23	Press Idea			Twin Tech Formulations Pvt. Ltd.	5	C27
Harbhajan Singh & Co.	1	A45	Presto Stantest Pvt. Ltd.	3	B34	Uflex Limited (Engineering Division)	1	A18
Hariram Engineering	5	C24	Print & Publishing	1	A32A	Uptodate Plastics and		
Harpreet Graphics	1	A24	Printing Review	5	C12	Packaging Pvt. Ltd.	3	B2
Hilda Automation	1	A31	Printpack India	1	A18A	Veekay Industries Pvt. Ltd.	5	C23A
Himani Enterprises	3	B11	Printweek India (Haymarket SAC			Vijaya Grafiks Inc	3	B8
Hindon Graphics	3	B23B	Publishing (India) Pvt. Ltd.)	3	B59	Vikas Engineers	1	A31A
Imaging Systems	1	A27A	Prizm Holography And Security			Vinsak India Pvt. Ltd.	3	B47
IML Containers India Pvt. Ltd.	1	A51	Films Pvt. Ltd.	1	A16B	Xtreme Coolers Pvt. Ltd.	1	A15
Indas Analytics LLP	1	A40	Promivac Pumps Pvt Ltd	3	B38	Zenith Rubber Pvt. Ltd.	1	A20
Indian Exhibition Services	1	A26	Prosper Choice Import Export	1	A41	Iris Design	3	B6

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**SHOWDAILY**

Deadline for submission: 2.00 pm

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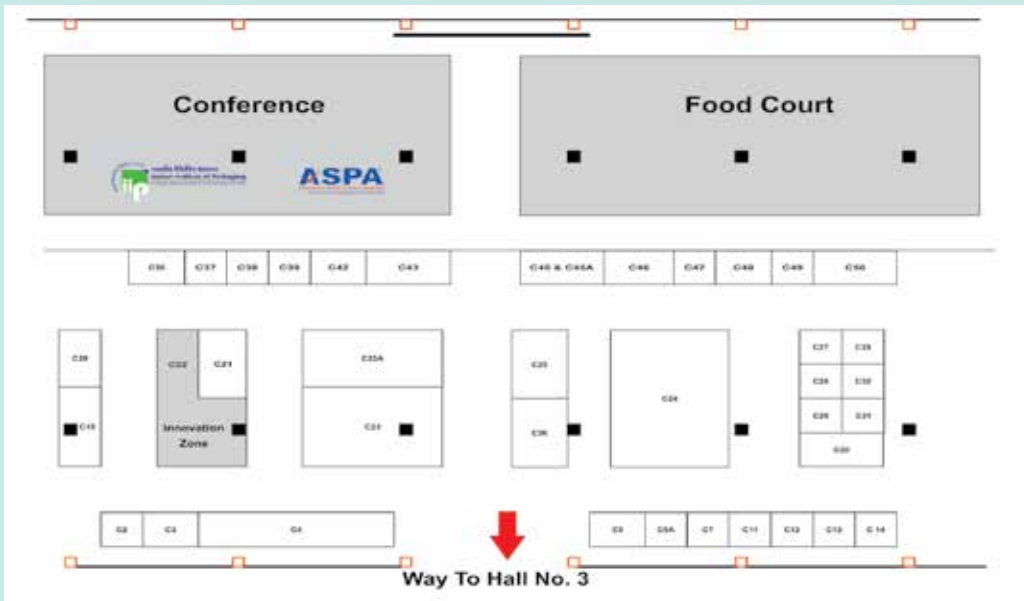
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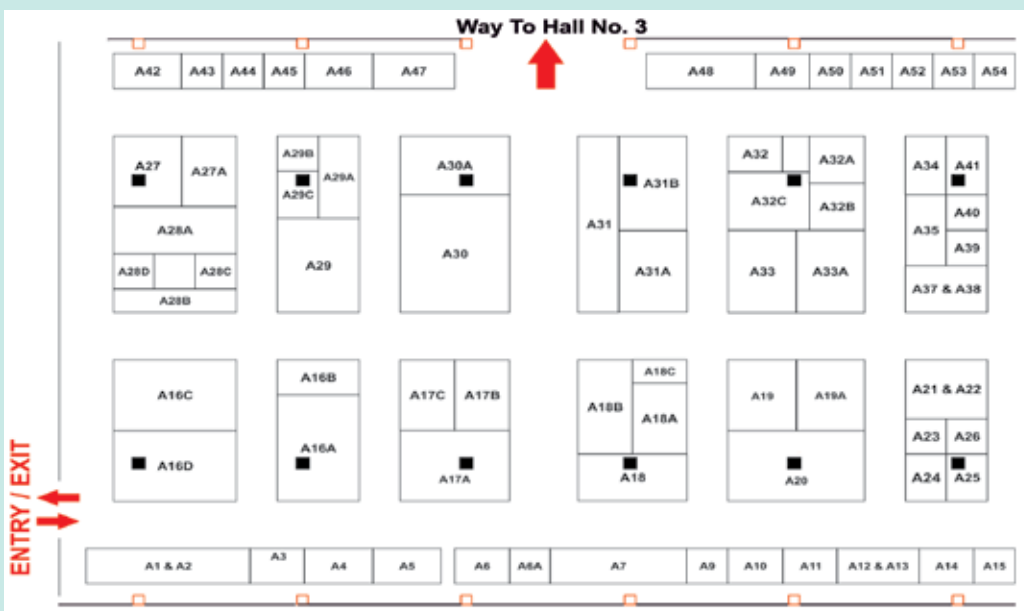
# FLOOR PLAN



HALL NO 05



HALL NO 03



HALL NO 01

## NEARBY EATING OUTLETS

### HOTEL EXPO INN

25-29, Knowledge Park II,  
Greater Noida, Noida,  
Uttar Pradesh 201310  
Phone: +91 92896 57046, T:  
0124-6573299 / 300

### SWAGATH RESTAURANT

Wegmans Business Park, Plot  
No-3, Knowledge Park III,  
Greater Noida, Phone:  
08826033224

### PAATRA

G - Block, Surajpur Kasna Road,  
Greater Noida,  
Phone: 9811272426

### FILL UP

Hall No.2, Eldeco Arcade, 2nd  
Floor, Sector Pi-1, Eldeco Green  
Meadows, Pi I & II, PI, Greater  
Noida, Phone: 01204299006

### BARBEQUE NATION

No-4, 2nd Floor, Omaxe  
Connaught Place M, Near CNG  
Filling Station, Beta 2, Greater  
Noida, Phone: 8448284503

### SHAHI DAWAAT

1st & 2nd Floor, Omaxe Mall,  
NRI City Centre, Pari Chowk,  
Omega 1, Greater Noida, Phone:  
8800281113, 8800281116

### FOOD ZILLA

5, Amritpuram, Sector Gama  
1, Near Pragyan School, Jagat  
Farms Market, Gamma 1,  
Greater Noida,  
Phone: 9910524946

### MY POT [BIRYANI]

Shop 312, 3rd Floor, City  
Plazza, Gaur City 1,  
Greater Noida, Phone:  
9711059159

### BIRYANI QUEEN

Shop 03, GEO Tech Pristine  
Avenue, Gaur City 2,  
Greater Noida,  
Phone: 7292032802

### SAGAR RATNA

Omaxe NRI City Centre, Near  
Pari Chowk, Omega 2, Greater  
Noida, Phone: 01204335566

### SAFFRON THE RESTAURANT

1st Floor, Shri Amrit Plaza,  
Amrit Puram, Sector Gamma-1,  
Gamma 1, Noida,  
Phone: 9540267171

### BIKANERVALA

29-33, Omaxe NRI City  
Centre, Omega II, Near Pari  
Chowk, Omega 2, Noida,  
Phone: 8130396660



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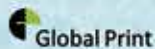
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