

Jaiveer Singh, president, IPAMA (extreme right), with leaders and stakeholders from the printing and packaging fraternity, at the inauguration of the second edition of Intrapac India, at the Greater Noida Expo Centre on 10 December 2025.

Focus on sustainability & automation at Intrapac India

SPOT COVERAGE

Spotlight on resilient startups and MSMEs making a dent in industry

The second edition of the Intrapac India exhibition began on a sunny winter morning with great expectations and excitement, with participation from a wide array of packaging experts from the North India region. In a shift of focus from the previous edition, where converters with bigger capacity held sway, this edition highlights the resilient startups and MSMEs making a dent in the Indian packaging industry.

In the 2024 edition, the showcases were innovative and sustainable. This edition goes an extra mile with the limelight on automated and AI-integrated systems. The exhibition aims to develop a focused ecosystem where networking and knowledge-sharing is seamless with the inclusion of the FoodTekPack conference.

During the four-day exhibition, the exhibitors will engage in a series of conversations with raw material manufacturers, suppliers and convertors to further their reach in the Indian packaging landscape.

The two-day conference FoodTekPack, on the other hand — which discusses food production, processing, supply chain and logistics, and sustainable packaging, in the context of automation, efficiency, and sustainability — will play a key role in keeping delegates engaged with interactive sessions.

"The Indian packaging industry is witnessing remarkable growth driven by automation and sustainability. The shift from cost-centric to eco-conscious solutions is growing too paving the way for a carbon-friendly growth. As things are, we needed a platform to encourage conversations among industry peers, and that is the role Intrapac will play," Jaiveer Singh, IPAMA president, said.

The exhibition features packaging solutions for food, beverages, confectionery, bakery, and consumer goods. There are pharmaceutical and cosmetic packaging machinery and processes, packaging materials, consumables, and auxiliary equipment; food & beverage processing machinery; food safety technology, warehousing, intralogistics, and snack/bakery processing systems; and cutting machinery, weighing systems.

The inaugural edition of IntraPac India in 2024 had a turnout of 175 exhibitors, attracting 13,065 business visitors on 10,335 square meters of exhibition space. The 2025 edition promises to be even better. IPAMA's marketing teams have been actively promoting the event through exhibitions, seminars, and workshops nationwide, along with international outreach to attract global buyers.

As we have covered in our Show Daily, SASG, a globally-acclaimed manufacturer and exporter of UV coating & curing machines,



Jaiveer Singh, president, IPAMA

UV interdeck systems, air & water-cooled chillers, and rigid box-making machines, is exhibiting its range of rigid box-making machines, auxiliary equipment for UV coating & curing, and industrial chillers at the show.

GLS Speciality Chemicals, a leading manufacturer of printing inks, lamination adhesives, and specialty chemicals, is highlighting its advanced product portfolio, customer-centric approach, and regulatory-driven innovations customized for the flexible packaging industry.

On the other hand, Spectra Plast India, a manufacturer and exporter of modular belts, slat chains, and a complete range of conveyor components, is highlighting how the role of conveyor systems is rapidly evolving and moving towards automation beyond traditional material movement.

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The FoodTekPack 2025

Conference begins today - Hall 10

All about sustainable food processing and packaging

The big day is here. The IPP Group's much-awaited two-day FoodTekPack Conference, which will discuss the opportunity to reduce waste and loss to bring more food to market, begins today at Hall 10 and will continue till tomorrow evening. The FoodTekPack is a unique conference – the tech, business, and industrial part of the Indian Save Food movement that discusses food production, processing, supply chain and logistics, and sustainable packaging, in the context of automation, efficiency, and sustainability.

New products, added value, and efficiency can reduce food loss and food waste in India, estimated to be as high as 75 million tons or 55 kilograms per capita (UNEP's Food Waste Report 2024). Our conference will discuss the opportunity to reduce waste and loss to bring more food to market.





The Indian food industry, including its cold chain logistics, processing, exports, food service, and retail, is the driver of the brick-and-mortar economy, increasingly benefitting from its digital backbone and other infrastructure improvements. Regenerative agriculture, modern logistics, and processing point to the circular food economy. Innovations in food ingredients and products require sustainable breakthroughs in processing and packaging, including the use of data collection, track-and-trace, and artificial intelligence at every step of the supply chain.

New products, added value, and efficiency can reduce food loss and food waste in India, estimated to be as high as 75 million tons or 55 kilograms per capita (UNEP's Food Waste Report 2024). Our conference will discuss the opportunity to reduce waste and loss to bring more food to market.

Speakers from the food brands, producers, processing, and technology suppliers who are investing in every aspect of the food supply chain will make this a unique face-to-face event. Tech innovations in food sorting, processing, cold chain, filling, sealing, packaging, energy saving, and recycling will be discussed. Practitioners, experts, and growth-oriented entrepreneurs and professionals, global and Indian food brand owners, processors, cold chain, packaging, filling and sealing, and material providers will interact in each session, sharing experiences and insights, and answering participants' questions.

The speakers include Sandeep Ghosh, business head DS Spices, Swapnil Bhardwaj, central quality and regulatory affairs manager, Haldiram Snacks, Priyanka Sharma, associate manager technical Regulatory Affairs, Marico, Ritoja Basu of the World Research Institute, Nitanshi Agarwal of Banyan Nation, Aditi Jhala, CEO The Misfit, Nayandeep Banerjee, head packaging, Pernod Ricard, Amit Kher, head sales and technology food business, Buhler India. Kalpan Chauhan of Mother Dairy, Vipul Raj of Dabur, Arijit Mondal of Nestle, Swapnil Bharadwaj of Haldiram, and Ajay Singh Kundu are also among the food brand owner panelists. The President of the Indian

Rice Exporters Federation, Dr Prem Garg, will take part.

Technologists and expert discussants at the conference are Ritesh Dhingra, MD of Multivac Laraon India, Barun Banerjee of Monofix Solutions, Srikanth Ramamurthy, liquid packaging division, Parksons Packaging, BN Yengade, founder of Binder Technology, Dr Keshav Kumar, anti-counterfeiting expert, and KK Gaikwad, associate professor of paper and packaging technology at IIT Roorkee. Other expert panelists include Achintya Lahiri, technical sales director of Sidel, and Sushil Sharma, India food cluster, Sealed Air. Several more food and beverage brand owners, processors, cold chain, food marketing, packaging, and recycling experts are expected to join.

The detailed conference program, available on our website (www.foodtekpack.com), includes sessions on the Indian Save Food Movement. Tech innovations for sustainable farming, sourcing, and food processing, distribution, and packaging for domestic cold chain and exports, the circular food economy, food and beverage product and process innovations to convert waste food into protein, and to convert waste food into packaging will be discussed. As will be the FSSAI compliance and trends update, brand protection, anti-counterfeiting of inputs and food products from farm to thali

Sessions will address food processing, filling and sealing, and packaging technologies and optimization using data, AI, and automation of packaging machines, especially for sustainable materials. Sessions on Recyclability and compliance with Extended User Responsibility will highlight the US\$ 5-9 billion business opportunity of packaging waste recycling. Held alongside the Intrapac exhibition at the Greater Noida Expo, the conference is supported by institutions and associations, including ASPA.

Sustainable processing and packaging help in the preservation and delivery of nutritious, healthy food hygienically and with integrity till it reaches the consumer. The food industry is the best user of renewable resources that can drive the modern food processing industry and skilled employment. With the use of recyclable and sustainable packaging materials, food and beverages are our greatest wealth and export products – it is time to use technology to modernize the supply chain and work together on this opportunity.

Participants and delegates from leading packaging and label companies, especially from the North Indian and Delhi NCR region, are taking part. These include HBD Packaging, Nutech Packaging, GLS, Uflex and Toppan Specialty Films, and many others. Participants are urged to register immediately for a unique knowledge event that will lead to actionable contributions to the Save Food movement and to the integrity of the food supply chain. Details on www.foodtekpack.com.





Come join us in the FoodTekPack Conference on 11th & 12th December 2025 Show Daily Producers





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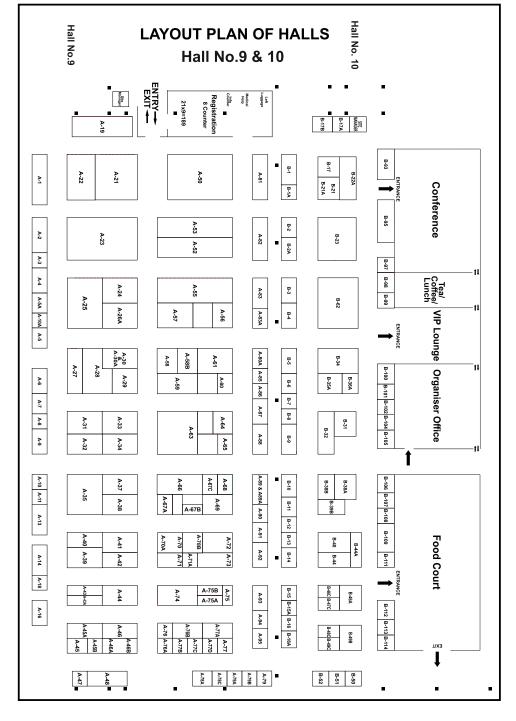
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Rototech Gravure's electronic rotogravure printing cylinders at IntraPac

SPOT COVERAGE

Upcoming gravure cylinder manufacturing facility in Nagpur

Paridabad-based Rototech Gravure India is showcasing its electronic rotogravure printing cylinders at the IntraPac India exhibition, being held at the India Expo Centre in Greater Noida from 10 to 13 December. The maiden edition of the FoodTek Pack conference is also being held alongside IntraPac India on 11 and 12 December.

According to Mukesh Kumar, senior marketing manager at the company, Rototech's USPs are quality, reliability and innovation. The thickness of the cylinder wall is 3 mm with 300-350 micron copper plating and chrome of 150 microns, which sets them apart in terms of quality, he said, adding the electronic rotogravure printing cylinders are produced through diamond engraving.

Rototech is the second-largest cylinder manufacturer from Faridabad, he added, with cylinders being supplied to Delhi-NCR, Himachal Pradesh, Gujarat, West Bengal, and Madhya Pradesh. Exposure in the flexible packaging industry and promotion of its upcoming manufacturing facility in the Butibori Industrial

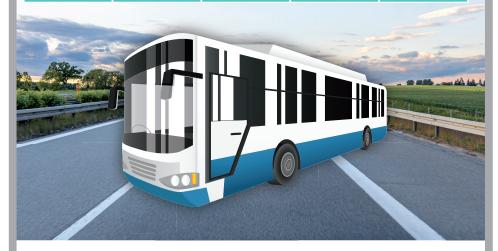
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www.intrapacindia.com, www.ipama.org



Mukesh Kumar, senior marketing manager at Rototech Gravure India

Area of Nagpur were the main reasons behind Rototech's participation in IntraPac.

With the fully automatic 2,500 square feet plant coming up in Nagpur, Rototech's manufacturing and delivery time will be reduced to four days instead of the current 5-6 days, combined with enhanced quality, he said.

Presently, the company has two manufacturing facilities in Faridabad operating under the names Elite Gravure and Rotopack Gravure with 200 people working in production, marketing and sales, and service support. The company provides in-house service sales support with its marketing and sales office in Kolkata. Both the Faridabad plants have a combined production area of 2,500 square feet.

Though flexo is steadily gaining traction in India, Kumar said flexo printing lacks the smoothness and shine of gravure.

- Priyanka Tanwar

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GLS showcases sustainable inks and adhesives innovations at IntraPac 2025

SPOT COVERAGE

Welcoming new challenges from the industry

At the second edition of the IntraPac Exhibition, GLS is highlighting its water-based inks, VOC-compliant inks, and high-performance lamination adhesives. Speaking at the company's stand, Neelakamal Mohapatra, CTO and plant head, GLS Chemicals shared insights into GLS's innovation-driven product portfolio and the growing industry demand for sustainable, regulatory-compliant solutions.

Participating for the first time at IntraPac, GLS reported excellent footfall, with interest coming not only from Indian converters and printers but also from overseas visitors and leading brand owners. Mohapatra said the enthusiasm was primarily driven by the company's circular economy-oriented and sustainable products.

According to Mohapatra, the highlighted solutions have become 'hero products' for the company, addressing both environmental considerations and high productivity requirements of modern converting operations.

GLS is strongly promoting its Pureflex ink series, which Mohapatra described as a breakthrough in sustainable ink technology. "With toluene now banned in India and amid a rising need for toluene-free and ketone-free printing solutions, Pureflex offers converters a viable, high-performance alternative," Mohapatra said.

The ink series runs at speeds of 450 to 500 metres per minute, providing excellent print quality while meeting stringent regulatory and food safety norms. Stating its role in enabling cost optimization without compromising quality, Mohapatra emphasized it to be an innovative product from GLS's portfolio.

As most of GLS's offerings are for food packaging, the company remains focused on delivering solutions that balance performance, compliance, and cost-effectiveness—three critical challenges faced by both converters and brand owners today. Mohapatra explained that customers are increasingly seeking materials that meet Indian and global regulatory standards while supporting sustainable transitions within their packaging lines.

He said GLS is witnessing a rising demand for speciality coatings, particularly as the industry shifts from plastic to paper structures and from multi-layer to mono-layer packaging. To support this evolution, the company



Neelakamal Mohapatra, Chief Technology Officer and Plant Head, GLS Speciality Chemicals at Intrapac 2025.

has introduced barrier coatings and other speciality functional coatings tailored for new-age packaging formats.

Looking ahead to the three-day exhibition, Mohapatra expressed optimism about connecting with converters and brand owners who are eager for innovation and collaborative development. "We want them to challenge us with new ideas," he said.

- Rajesh Kumar

IntraPac India 2025 in pictures



Noida-based Global Packaging Systems, a provider in shrink tunnel and sleeve wrapping machines



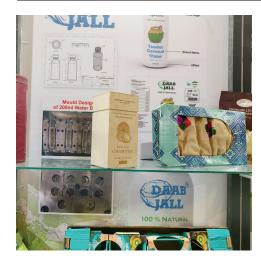
End of line packaging solution provider, Millenium Packaging Solutions



SK Ensure machinery, a Faridabad-based pad and screen printing solution provider



Faridabad-based SASG UV Solutions at Intrapac show 2025





Joy Pack India, a Delhi-based manufacturer and supplier of wrapping and sealing machines





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Indian Traceability & **Authentication Industry Study 2025**

Report Key Findings •

- $\textbf{Research Basis:} \ This \ study, conducted \ by \ Accenture, is \ based \ on \ survey \ responses \ from \ ASPA$ member companies along with in-depth interviews with industry stakeholders, government authorities, and global bodies
- Indian Market Size: The Indian A&T industry stood at ₹9,705 crore in FY 2023-24, registering a CAGR of 7.4% between FY 2019-20 and FY 2023-24.
- Forecast: The market is projected to grow to ₹10,612 crore in FY 2024-25 and further reach ₹16,575 crore by FY 2028-29, representing a CAGR of 11.3%.
- **Global Context:** The global A&T market was valued at USD 147 billion in 2023 and is expected to grow to USD 382 billion by 2032, with Asia-Pacific showing the fastest CAGR of 14.2%.
- End-User Segments: Pharmaceuticals (17%), consumer products (14%), cosmetics (13%), and auto components (13%) are the largest adopters of authentication and traceability solutions in India.
- **Growth Drivers:** Rising counterfeiting, consumer awareness, regulatory requirements, and the expansion of e-commerce are key demand triggers.
- Technology Adoption: While traditional methods like holograms and QR codes remain dominant, emerging solutions such as AI, blockchain, IoT, and phygital (physical + digital) technologies are expected to drive the next phase of growth.

ALPLA pilot for food-grade HDPE recycling process

Four-year innovation project with NTCP kicks off in the Netherlands

LPLA is working on a future-proof solution for food-safe HDPE recycled material. The international packaging and recycling specialist is now evaluating the patented solvent-based process at a pilot plant in Heerenveen in collaboration with the independent technological institute NTCP.

The innovation project, which is funded by the Dutch Ministry of Climate Policy and Green Growth, will run for four years. Just in time for the start of the PPWR 2030, the innovative solution will be scaled up to industrial production.

From 2030, packaging in the EU must contain a minimum proportion of recycled material. ALPLA and NTCP are working on a future-proof and affordable solution for plastic food packaging. The patented recycling technology is expected to deliver food-safe HDPE recycled material (rHDPE) on an industrial scale for the first time. Following several years of R&D with successful laboratory results, the two project partners have just started evaluating the solvent-based process at the NTCP site in Heerenveen.

Intensive testing of all process steps of the patented technology will be performed as part of a collaborative innovation project. The aim is

to obtain approval from the European Food Safety Authority (EFSA) in the near future. The construction and operation of the pilot plant will provide valuable insights for scaling up the process. ALPLA has set up its own recycling company in the Netherlands for this purpose.

Milestone for the circular economy

"To date, there is no certified process in the EU for the production of food-grade HDPE recycled material. Our highly efficient technology for cleaning and processing post-consumer recycled material could be a real game changer," explains Michael Heyde, head of Technology Recycling Division at ALPLA.

The company already produces PET and HDPE recycled material in its own recycling division at 14 locations worldwide, with 400 000 tonnes installed and projected recycling output capacity. ALPLA processes most of this material itself into packaging. The future industrialization of this innovative technology should enable readily available food packaging made from rHDPE for the FMCG (Fast Moving Consumer Goods) market.

"This cooperation with ALPLA fits perfectly to the core activities and mission of NTCP as an independent knowledge institute, to facilitate and accelerate technology developments with frontrunner parties. We believe that new technologies are needed to completely close the plastics value chain while reducing the amount of waste," emphasizes Martine Brandsma, NTCP's CEO.

The pilot project is being carried out with the support of the Dutch Ministry of Climate Policy and Green Growth.



Michael Heyde, head of Technology Recycling Division at ALPLA, und Martine Brandsma, CEO von NTCP.





Neelakamal Mohapatra from GLS Speciality Chemicals, who walks us through the company's latest innovations in sustainable inks, adhesives, and speciality coatings. Their portfolio of waterbased inks, VOC-compliant inks ...