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JANUARY 2024

**“Digital printing market
has seen a huge surge
in demand”**

- Priyatosh Kumar

**Digital Textile Printing:
Pioneering the
Future of Sustainable,
Customized Fabric Creation**

**Reflecting on
digital printing
innovations in 2023 -
Looking ahead to 2024**

**The Evolution
and Acceleration
of Digital Printing
in the Post-Covid Era**

**The Logic of
Digital Embellishment
- Unlocking ROI
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The global upheaval caused by the Covid-19 pandemic has ignited a paradigm shift in the printing industry, propelling digital printing into the forefront of innovation. As we navigate the post-Covid era, the evolution and acceleration of digital printing are transforming the landscape of visual communication.

Digital printing has emerged as a dynamic force, driven by the need for flexibility, speed, and adaptability in a rapidly changing business environment. The pandemic-induced disruptions highlighted the vulnerabilities of traditional print processes, prompting businesses to embrace digital solutions that offer agility and resilience. This transformation is evident in the surge of investments in cutting-edge technologies, paving the way for a more sustainable and responsive printing ecosystem.

The evolution of digital printing extends beyond mere convenience; it signifies a revolution in customization and personalization. Brands now have the power to create targeted and engaging content, fostering stronger connections with consumers. Variable data printing, augmented reality applications, and interactive packaging are redefining the boundaries of creativity and consumer engagement.

Moreover, the post-Covid era has accelerated the integration of digital printing into diverse sectors, from packaging to textiles. The demand for on-demand printing, shorter print runs, and reduced waste has never been more pronounced. Digital printing's ability to facilitate these requirements positions it as a cornerstone in the pursuit of a more environmentally conscious and economically efficient future.

The post-Covid era marks a pivotal moment in the evolution of digital printing. As businesses strive for resilience and relevance, the adaptability and innovation embedded in digital printing technologies promise to shape a future where the power of print meets the demands of a dynamic world. Welcome to the digital renaissance of printing.

We wish all our readers a Happy and a Prosperous New Year!

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Koenig & Bauer and Durst Group to expand collaborative capabilities in joint venture

Koenig & Bauer and Durst Group have committed to build further R&D capability in the joint venture company they set up almost five years ago to capitalize on the significant opportunities in folding carton and corrugated segments. The parent companies of Koenig & Bauer Durst GmbH will expand its operations in Radebeul, Germany.

Koenig & Bauer Durst is a global market leader of single pass digital sheet-fed press systems and software services for the folding carton and corrugated industry. It leverages the capabilities and know-how of its parent companies to offer an unrivalled portfolio of digital printing machinery that includes the CorruJET and Delta SPC 130 systems for corrugated markets, as well the jointly developed VariJET 106 press for folding carton markets. All presses use water-based food-safe inks & coatings that comply with all regulatory requirements.

Robert Stabler, who has run the joint venture company since its inception, will stand down as Managing Director. He will be succeeded by Daniel Velema, who will join Koenig & Bauer Durst in February 2024. Daniel has extensive domain experience in the printing industry and managing consultancy and has held various

senior level management positions. In his last role, Daniel was General Manager of the Prepress activities at XSYS Global, a leading supplier of printing plates, sleeves and prepress equipment for the packaging industry.

Daniel Velema said: "I am really looking forward to joining Koenig & Bauer Durst, which was set up by two technology pioneers in the printing and packaging markets and has a growing presence in the industry. Corrugated and folding carton printers/converters continue to digitize their production environment to increase efficiency, flexibility and to provide a better service to brands and retail. In the long term, this leads to significant cost reductions. Koenig & Bauer Durst's machinery, software and services offering is well positioned to support and accelerate our customers' journey and I look forward to working together with our customers, partners and suppliers."

Christoph Gamper, CEO and Co-owner of the Durst Group, said: "We are looking forward to welcoming Daniel to Koenig & Bauer Durst to drive the company forward to the next stages of development. We see a huge opportunity to grow substantially over the next few years. Solid foundations have been laid with the successful launch of the VariJET 106 press, the

most productive folding carton digital press on the market, as well as the adoption of our corrugated presses by some of the world's most innovative and forward-looking corrugated companies. Robert has been instrumental in developing and leading the joint venture team that has developed high-end systems in fully automatic, industrial-scale production. We want to thank Robert for bringing the joint venture from an idea to a vibrant, standalone company."

Ralf Sammeck, Koenig & Bauer Board Member and Sheetfed Segment CEO, said: "The spirit embodied by both companies in the joint venture continues to grow. Combining our strengths is driving digitalization in the packaging industry. In building on the initial foundations, we are increasing our capabilities in our R&D center in Radebeul, the headquarters of the Koenig & Bauer Sheetfed division. To take the joint venture to the next level, we are delighted to have appointed Daniel Velema as the new Managing Director from next February."

Robert said: "Having led the joint venture company for almost five years, I have been proud to lead a committed team of professionals and establish ourselves as a real force in the industry. The fact that our two parent companies – Koenig & Bauer and Durst, two giants in packaging and printing – have committed to further R&D capabilities speaks volumes about the positive impact we have had in growing our presence significantly in corrugated and folding carton markets. These are ripe for digital transformation – and we have a growing customer base to prove that."

He added: "I thank all staff, partners and our extremely loyal customer base who have shown unstinting as we have continued to grow and establish our global capabilities as a partner of choice across the world. Together with Daniel, there will be a significant handover period in what I am sure will lead to further success and profitability in the months and years to come."





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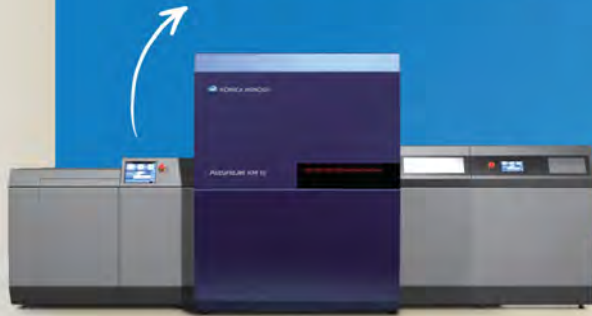
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Konica Minolta PrintXpress resumes nationwide tour Phase 2

Revitalizing its pioneering campaign that introduced cutting-edge technology to rural India, Konica Minolta successfully launched a new phase of PrintXpress - Innovation in Print on December 11, 2023. This initiative extends Konica Minolta's reach to over 93 new cities, spanning Tier-2, 3, and 4 locations, with the aim of identifying technology and strategy gaps in the daily operations of print businesses in need of revision and network support. The unique roadshow is set to attract potential small to medium-sized print businesses across a vast area, covering over 25 thousand kilometers.

With a focus on creating business touchpoints across diverse geographies, the campaign deploys two buses that will traverse all four regions of India. This initiative caters to both direct and indirect channels, in collaboration with partners

KMI and Technova. Featuring Production Print Engines, the campaign buses will conduct live demonstrations showcasing the advantages of Colour - AccurioPrint C4065 and Monochrome - AccurioPrint 2100, aiming to provide visitors with firsthand experience of the benefits and potential business opportunities.

The PrintXpress Roadshow is strategically designed to connect the network of small print businesses with Konica Minolta's reliable print solutions. Equipped with samples on display, the campaign buses are embarking on separate routes across the country, highlighting the functionality of the products in the realms of digital printing and print-on-demand. This outreach spans towns such as Rohtak, Gorakhpur, Siliguri, Nasik, and Barpeta.

Commenting on the beginning of PrintXpress, Katsuhisa Asari, Managing

Director, Konica Minolta Business Solutions India Pvt. Ltd., said, "As leading print solutions provider, we are highly aware that printing businesses and in-house print departments are expected to produce impeccable print products within the shortest of deadlines, with changing user expectations. This is why, we understand the value of bringing in sturdy construction, high performance, and smart inline finishing options to small and burgeoning print businesses in India. With this new edition of the PrintXpress campaign, we want to democratize streamlined workflow processes, to a wide array of print businesses, creative agencies, book publishers, and commercial printers residing in the cities and towns".

As part of the ongoing celebration of Konica Minolta's 150-year anniversary, the PrintXpress campaign serves as a continuation of the earlier "PrintXpress - Innovation in Print" Campaign from early 2023. The initial campaign successfully spanned 150+ cities, marking a significant milestone for the company. It garnered in-person attendance from 3000 customers over the course of 5 months, covering an impressive 48000+ kilometers.



Color-Logic declares complete alignment with Adobe Creative Cloud 2024

The essence of the Color-Logic philosophy is encapsulated in our motto: All Print Starts With Design. We align ourselves with this principle as design tools, such as Adobe Creative Cloud, undergo advancements, ensuring that Color-Logic evolves in tandem. This unique approach positions Color-Logic as a standout system in the printing industry, consistently crafting palettes and plugins that empower graphic designers with unparalleled control in the creation of metallics and print embellishments. By providing designers with the ability to oversee metallics and embellishments directly on the press, Color-Logic eliminates the need for post-finishing techniques, streamlining the process by reducing both time and steps involved.

Color-Logic Director of Sales and Marketing Mark Geeves explains, "We take care to ensure the entire suite of Color-Logic products is fully compatible with the most current

version of Adobe Creative Cloud. Licensed Color-Logic users can access and download the latest Color-Logic Design Suite for Photoshop, Illustrator, and InDesign on the Color-Logic website under Installers. An optional upgrade provides designers with access to the full complement of 924 metallic colors and embellishments."



‘Peach Fuzz’ announced Pantone Color of the Year 2024

Pantone, renowned for its expertise in color standards and digital solutions for designers, has unveiled Pantone 13-1023 Peach Fuzz as the Color of the Year for 2024. This velvety and gentle peach shade embodies a universal spirit that enriches the mind, body, and soul.

In a time marked by upheaval, our yearning for nurturing, empathy, and compassion grows more profound, along with our aspirations for a more peaceful future. Pantone 13-1023 Peach Fuzz, a warm and comforting hue, symbolizes our longing for togetherness and the sense of refuge it brings. It introduces a novel softness, subtly sensual and heartfelt, evoking feelings of tenderness while communicating messages of care, sharing, community, and collaboration. This color choice reflects the essence of unity and harmony, inviting individuals to embrace connection and empathy in an ever-changing world.

Leatrice Eiseman, Executive Director, Pantone Color Institute explains, “A cozy peach hue softly nestled between pink and orange, Pantone 13-1023 Peach Fuzz brings belonging, inspires recalibration, and an opportunity for nurturing, conjuring up an air of calm, offering us a space to be, feel, and heal and to flourish from whether spending time with others or taking the time to enjoy a moment by ourselves.”



“Drawing comfort from Pantone 13-1023 Peach Fuzz, we can find peace from within, impacting our wellbeing. An idea as much as a feeling, Pantone 13-1023 Peach Fuzz awakens our senses to the comforting presence of tactility and cocooned warmth” adds Eiseman.

Pantone 13-1023 Peach Fuzz encapsulates a delicate yet resonant essence, evoking a contemporary sensibility. While rooted in the human experience of nurturing the mind, body, and soul, it exudes a quiet sophistication and modernity, adding a subtle yet impactful beauty to the digital realm. This poetic and romantic peach tone carries a vintage allure, infused with a contemporary ambiance that speaks to the past while embracing present-day aesthetics.

This introduction of Pantone 13-1023 Peach Fuzz coincides with the 25th anniversary of the Pantone Color of the Year program. Originating in 1999 with the selection of Pantone 15-4020

Cerulean Blue by the Pantone Color Institute, the Color of the Year has become a reflection of the global zeitgeist, capturing the mood and attitude of consumers. Over the years, this program has evolved into a globally recognized cultural milestone, highlighting how our global culture expresses itself and reflects through the

language of color.

Laurie Pressman, Vice President of the Pantone Color Institute commented, “With this year’s Pantone Color of the Year 2024, we see an increased focus on community and people across the world reframing how they want to live and evaluating what is important – that being the comfort of being close to those we love. The color is one whose warm and welcoming embrace conveys a message of compassion and whose cozy sensibility brings people together and enriches the soul.”

“In the spirit of Pantone 13-1023 Peach Fuzz, we reflect back on the last 25 years of the Pantone Color of the Year program grateful to provide an avenue where designers and color enthusiasts all over the world can engage in a conversation about color, be inspired by color and showcase their creativity within their communities. We look forward to continuing this for many more years to come” he concluded.

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Dantex and ACTEGA partner on ECOLEAF

Dantex Group has collaborated with ink and coating specialist ACTEGA to integrate ECOLEAF technology into its PicoJet series of digital UV inkjet presses. This integration showcases Dantex's dedication to innovation and sustainability within the digital inkjet label sector by offering ECOLEAF as an eco-friendly alternative to conventional hot and cold foiling methods.

The partnership between Dantex and ACTEGA is fueled by a mutual drive to introduce value-enhancing solutions to the digital inkjet label industry. By incorporating the eco-friendly technology of ECOLEAF, Dantex aims to further enhance its print systems, elevating the printing experience and expanding the array of stunning effects achievable with PicoJet.

ECOLEAF, designed for various markets, is a digital solution enabling metallization embellishments onto self-adhesive labels. Unlike traditional foiling methods that generate significant foil waste (around 80-90%), ECOLEAF minimizes waste by utilizing a glue trigger layer shaped like the desired image. This innovative process involves jetting aluminum particles, which adhere to the glue layer, creating a metallic image. This approach not only eliminates waste but also enables the creation of multiple metallic colors, offering a more sustainable and versatile option for label embellishments.



Ben Danon, CEO of Dantex Group said, "We are excited to introduce this eco-friendly technology to our PicoJet range of digital UV inkjet presses, and we believe that this partnership will help us to achieve our sustainability goals while providing our customers with highly innovative and visually impactful solutions. Both parties strongly emphasize the environmental and sustainability benefits of this collaboration."

Incorporating ECOLEAF into the existing PicoJet range, Dantex offers a comprehensive suite of features. This includes the integration of the new DRS (Digital Resolution System) and printhead technology driven by Ricoh, augmenting printing capabilities. Moreover, user-friendly software like PicoCenta and PicoPilot, featuring intuitive touchscreen interfaces, further enhances the operational ease and accessibility of the PicoJet printers. This amalgamation of advancements ensures a holistic and streamlined printing experience within the PicoJet series.

Mimaki celebrates milestone sales for inaugural DTF printer



Mimaki Europe has achieved a significant milestone with its TxF150-75, the company's first DTF (Direct to Film) printer, surpassing 300 units sold across the EMEA region. The highest sales have been reported in key markets including the UK, France, Italy, Iberia, and the DACH region, highlighting the widespread adoption of the TxF150-75. This success not only reflects the printer's quality but also underscores the growing popularity of the DTF printing method.

In August 2023, Mimaki introduced the TxF300-75, an upgraded version with all the capabilities of the TxF150-75 but with a maximum print speed three times faster. The TxF300-75 has already garnered significant interest, with over 100 orders to date. This heightened demand is particularly notable among established DTF application suppliers with a focus on high-volume printing.

Cosmo First relocates corporate office

Cosmo First has achieved a noteworthy milestone in its path of growth and success with the announcement of its relocation to a new corporate office. The strategic move places the company in the Jasola District Centre of New Delhi, signifying a significant step forward in its business journey.

As of now, the company's registered office and operational base will be situated at Cosmo First, 1st Floor, Uppal's Plaza, M-6, Jasola District Centre, New Delhi 110025. The new location is strategically chosen, offering a prime position near Pacific Mall and convenient access

to public transportation, including the metro. This ensures a seamless commute for both the team and visitors, aligning with the company's commitment to accessibility and efficiency.

Pankaj Poddar, Group CEO, Cosmo First Limited expressed excitement about the transition, stating, "Our new corporate office signifies not only a physical expansion but also a symbol of our commitment to excellence and progress. We are confident that this move will empower our team and elevate our capabilities to better serve our clients and partners."

Landa Digital Printing to expand operations with a new ink plant in North America

Landa Digital Printing, a manufacturer specializing in Nanographic Printing presses, has announced the upcoming establishment of an ink plant to cater to its expanding customer base in North America.

Anticipated to commence operations in the second half of 2024, the plant will be situated in the Midwestern U.S. and will focus on producing the company's water-based Landa NanoInk essential for the transformative Nanographic Printing process.

This new facility will join Landa's existing ink plants globally, augmenting NanoInk manufacturing capacity worldwide and ensuring a stable supply for North American clients. The initiative aims to bring about several advantages, including shorter lead times and a reduction in environmental



impacts associated with shipping materials.

"Landa places strategic importance in our North American customer base," says Gil Oron, Landa's CEO. "We are growing in the region rapidly and the new plant will help match the demand we are seeing. The plant will supply our customers with NanoInk, the key to producing Landa's stunning images

with digital flexibility and the quickest turnaround times."

The U.S.-based ink plant is scheduled to be operational by the second half of 2024, representing a substantial expansion in Landa's capabilities. Under full operation by Landa, the plant strategically positions itself to serve the entire North American market, encompassing the United States, Mexico, and Canada.

This development not only mirrors Landa's growth but also underscores its commitment to customers and the North American market. The establishment of the ink plant emphasizes Landa's dedication to fostering long-term relationships with clients and enhancing its service offerings across North America. Landa views this strategic step as instrumental in supporting the company's growth trajectory and solidifying its leadership position in the digital printing industry.

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Sharp combines Light Production printers with Fiery Servers

Sharp has introduced two new models, the BP-90C80 and BP-90C70, as part of their Pro Series MFPs, aimed at addressing evolving needs in on-demand light production printing. These models offer cost-effective entry-level solutions with enhanced printing capabilities, precision, and productivity for heavier-weight media.

The new printing systems combine Sharp's edge-to-edge full bleed printing with powerful Fiery digital front ends (DFEs), expanding Sharp's ecosystem of office devices and services. This integration delivers a seamless printing solution adaptable to diverse business requirements.

Addressing the varied needs of industries, Sharp's Pro series accommodates paper weights of up to

360gsm. Both models boost productivity across heavier paper weights, ensuring operational efficiency even at 220gsm. The BP-90C70 prints at 70/75 ppm color/BW, while the BP-90C80 operates at 80/80 ppm color/BW. Additionally, these models support full bleed booklets and brochures with optional trimming, stapling, hole-punching, page insertion, and various folds. They handle coated, uncoated, and textured stock from input to finishing.

The integration of the latest Fiery Print Servers, specifically the Fiery FS600 Pro platform, enables advanced control for job preparation, editing, submission, and previewing. This addition ensures efficient and precise job handling without compromising speed.

Advanced color management, guaranteed color consistency, and troubleshooting for accuracy are integral features of these models. Sharp's largest 15.4" integrated color touchscreen with multi-touch finger swipe control enhances user interaction, along with improved job queue visibility and simplified programming through Fiery's embedded controller.

For enhanced connectivity, the models integrate with Microsoft Teams and Gmail, facilitating easy printing and scanning directly from email, Teams channels, and folders. Their modular design allows for diverse configurations, including increased paper supply up to 13,500 sheets, ensuring uninterrupted high productivity printing.

Emphasizing sustainability, the BP-90C80 and BP-90C70 models exhibit lower energy consumption rates, achieving Blue Angel certification. Additionally, Sharp utilizes fully recyclable packaging materials and long-life consumable parts, aligning with eco-friendly practices.



Epson reveals latest SureColor F-Series Direct-to-Garment printer

Epson has introduced the SureColor F-Series direct-to-garment (DTG) printer, expanding options for the printed apparel market. This newly launched printer is tailored to unlock opportunities for garment decorators, entrepreneurs, artisan businesses, and print service providers (PSPs).

Designed as an entry-level solution, the versatile SureColor F-Series is specifically crafted for a diverse range of DTG and direct-to-film (DTFilm) printing applications. Combining exceptional image quality, user-friendly operation, and flexible performance, this hybrid printer comes in a space-saving package, empowering designers to focus more on their creative process.

Geared for both DTG and DTFilm printing, the hybrid SureColor printer caters to the evolving needs of businesses aiming to offer customized goods and t-shirts. Noteworthy is its innovative enclosed design featuring transparent viewing panels, enhancing the printing process. The inclusion of DTFilm printing capability extends the printer's functionality, enabling users to

transcend traditional garment printing. This allows for the transfer of personalized designs onto a broader range of materials, including uniquely shaped items, thereby expanding possibilities for customized product offerings. The SureColor F-Series stands as a comprehensive solution that not only delivers excellent printing quality but also opens doors for creative exploration and diversification in the apparel printing industry.



Enfocus introduces PitStop 2023 Update 1

Enfocus, a frontrunner in offering cost-effective and adaptable automation tools along with PDF solutions for the printing sector, has unveiled PitStop 2023 update. This latest iteration of PitStop Pro and Server introduces an array of new capabilities, including enhanced options for object placement, additional actions, and several crucial checks and fixes within the PitStop toolkit. These advancements are aimed at guaranteeing error-free files for seamless printing processes, reinforcing PitStop's commitment to delivering precise and reliable outcomes on press.

"With version update 1 of PitStop 2023, we're continuing to work on making the user experience ever more enjoyable. For example, we've added new possibilities for placing objects in PitStop, allowing users to import PDF documents with greater finesse, or to place control bars with greater precision," says Loïc Aigon, Product

Manager at Enfocus. "We've also made several frequently requested fixes and checks, and have good news for users migrating to Mac Sonoma."

The latest PitStop 2023 update 1 brings forth several new features and improvements, which include:

Flattening Form Xobjects: Enables the extraction of objects when necessary.

Disabling Logging Debug Datasets: In PitStop Server Configurator within Switch, this enhancement leads to a significant processing speed boost in high-volume production flows.

Check for Incorrect Type 3 Font Resources: A check to identify and rectify incorrect Type 3 font resources.

MacOS 14 (Sonoma) Support: Updated support for MacOS 14 (Sonoma).

Improvements in the software include:

- Add Overlay and Add Copied



Graphics Action: Allows users to place selected pages from a PDF file as a graphic in another PDF file.

- Select the desired PDF page for placement.
- Option to place the PDF page as an isolated transparency group.
- New Placement Options for "Add Color Bar": Enhancements in placement options for adding a color bar.

These enhancements and additions in PitStop 2023 update 1 underscore Enfocus' dedication to providing users with more robust and efficient tools for precise and streamlined printing processes.

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OneVision releases version 23.2

OneVision Software, as an automation expert, plays a pivotal role in supporting print service providers worldwide in their transition toward connected and automated production processes. With the unveiling of version 23.2, OneVision Software enriches its modular automation software, providing printers with an expanded array of features for streamlined and automated production.

In the current landscape, printing companies are seeking stable and secure positioning for the future amidst challenging economic conditions, intense competition, and a growing scarcity of staff. Implementing automation software has proven to be transformative, offering benefits such as substrate savings, optimized throughput times, and alleviating staff burdens.

The latest version, 23.2, introduces new connectors integrating ColorGATE Productionserver and Horizon StitchLiner. Moreover, enhancements in print sheet preparation and variable data printing have been included. Notably, the workflow editor now



includes a new module overview for improved management of complex workflows, fostering streamlined operations. Additionally, displaying job-specific throughput times adds transparency to the process.

OneVision's image processing software, Amendo AI, has also received upgrades. It now efficiently processes and optimizes images within PDF files, ensuring consistent and uniform image quality.

Furthermore, enhancements to the Smart Crop function enable independent image cropping, complementing AI-based object recognition. These advancements collectively reinforce OneVision's commitment to empowering print service providers with cutting-edge tools for optimized and efficient production.

Roland DG unveils two new printers in the VersaSTUDIO series

Roland DGA has introduced two cutting-edge additions to its VersaSTUDIO lineup – the VersaSTUDIO BD-8 UV flatbed printer and the BY-20 direct-to-film printer. Marking a milestone as the inaugural flatbed UV printer in Roland DG's VersaSTUDIO Series, the BD-8 streamlines and enhances the affordability of product personalization. On the other hand, the BY-20, featuring direct-to-film (DTF transfer) ink technology, pioneers a new era in desktop garment decoration, particularly beneficial for those engaged in the apparel goods sector.

The VersaSTUDIO BD-8 stands out as an advanced UV flatbed printer, excelling in high-definition direct printing on substrates and three-dimensional objects, accommodating sizes up to A5 and heights of four inches (102 mm).

Meanwhile, the VersaSTUDIO BY-20 empowers individuals to achieve professional-grade outcomes with its water-based DTF transfer method,

Kongsberg PCS launches Kongsberg Ultimate

Kongsberg Precision Cutting Systems (Kongsberg PCS) has introduced a groundbreaking digital cutting platform, the Kongsberg Ultimate, poised to revolutionize the corrugated production industry. This platform is engineered to deliver unparalleled levels of productivity, precision, and safety, marking a significant advancement in technology for Kongsberg PCS.

With its cutting-edge drive technology, boasting an impressive acceleration rate of up to 2.74G and an extraordinary cutting speed of 168 meters per minute, the Kongsberg Ultimate showcases Kongsberg PCS's unwavering commitment to technological innovation.

The design of the Kongsberg Ultimate is centered around six core values, embodying a substantial leap forward in technology tailored specifically to address the distinct challenges encountered by corrugated converters engaged in continuous high-volume multi-batch production. This innovative platform aims to redefine

efficiency, accuracy, and safety standards within the corrugated production realm.

"Engineered with our deep understanding of corrugated and display converters' needs for precision, the Kongsberg Ultimate promises to redefine standards and usher in a new era of productivity and innovation, delivering a fast return on investment for converters of corrugated board," said Kongsberg PCS President and CEO, Stuart Fox.

"Enhancing operations and providing a significant competitive advantage, the platform sets a new industry benchmark and is set to drive the future of corrugated production for years to come. With corrugated converters around the world under increasing pressure to produce better, faster, safer and more efficiently to meet the demands of the global market, we have underlined our commitment to deliver a solution that has been engineered for precision and built for productivity," added Stuart.

The Kongsberg Ultimate introduces the Kongsberg



revolutionizing the design and efficiency of apparel goods production. This desktop system combines top-notch print quality with remarkable productivity, facilitating the swift and hassle-free customization of apparel and accessories, including intricate designs on various fabrics such as cotton, polyester, cotton-polyester blend, denim, nylon, and rayon.

The printers come with included, user-friendly FlexiDESIGNER VersaSTUDIO Edition software that can be used for everything from design creation to output. VersaWorks 6 software – Roland DG's most powerful RIP to date – also comes standard, offering a simple drag-and-drop interface and a host of useful features and production tools that help streamline workflow, improve productivity, and increase ease of use.

HP launches a new range of large format printers

HP India has introduced a new lineup of 36-inch HP DesignJet printers, catering to the printing needs of Architecture, Engineering, and Construction (AEC) professionals who frequently operate in hybrid environments and demand high-quality printing regardless of their location. This range aims to simplify printing tasks for professionals while enabling copy shops to better serve the needs of AEC customers.

The HP DesignJet Smart Tank T908, as part of this range, is the inaugural large-format ink tank multifunction printer tailored for cost-efficient and top-notch printing in copy shops. With a spill-free bottle system for convenient refills, this printer boasts a remarkable print speed of 120 A1 pages per hour, making it an ideal choice for efficiently handling multiple jobs at a cost-effective rate.



The new HP DesignJet series is crafted to offer users intuitive print technology that meets their technical demands, covering A3-A1 CAD drawings and architectural boards. Specifically, the HP DesignJet T850/T950, featuring the innovative HP FlexTech pigment inks, facilitates the seamless transition from A3 to A1 prints within a single device. These advancements prioritize security without compromising functionality.

Vitesh K Sharma, Head - Large Format Printing Business, HP India said "As hybrid work models become integral to the professional landscape in India, AEC professionals, and the associated copy shops, need easy-to-use tools that help them be more productive and deliver high-quality work—whether they are in the office, at home, or somewhere remote. HP recognizes and addresses the unique demands of India's professionals with the new HP DesignJet printers. These printers are designed for intuitive use and high-quality outputs, filling a critical gap in the workflow of Indian AEC professionals. This aligns with the growing emphasis on seamless, secure, connected, and sustainable large format printing solutions in the country".

Smartzone safety solution, a cutting-edge proximity-driven dual-zone system that seamlessly integrates safety and efficiency. This innovative system, coupled with intuitive LED lighting, ensures a clear understanding of machine status, promoting a safe and productive work environment.

With the integration of new self-diagnostic capabilities and remote operator alerts, alongside robust technologies from other high-demand industrial sectors, the Kongsberg



Ultimate is engineered to deliver maximum uptime, optimizing overall utilization.

Recognizing the pivotal role of operators in production, the Kongsberg Ultimate prioritizes user experience. The intuitive IPC 3.0 interface, equipped with a touchscreen, enhances the operator's interaction with easily accessible buttons, streamlining every task and placing user convenience at the forefront.

Moreover, emphasizing environmental responsibility, the Kongsberg Ultimate emphasizes the use of recycled and easily recyclable materials with reduced environmental impact. This commitment reflects Kongsberg PCS's dedication to a greener future, integrating sustainability into its innovative solutions.

"We have worked creatively to ensure that our future is built upon manufacturing equipment that our customers and team can be proud of. The Kongsberg Ultimate is not just an evolution but a leap forward in corrugated production technology and a commitment to the corrugated industry for the future", says Stuart Fox.

“Digital printing market has seen a huge surge in demand”
-Priyatosh Kumar



Priyatosh Kumar, Associate Director & Head of Graphic Communications & Device Technology Business, Fujifilm India, 'In Conversation' with Digital Impressions, shared his views on the digital printing industry and their presence in India

Veerendra Malik (VM): *How do you perceive the current landscape of digital printing technologies in India, and what trends are you witnessing in the market?*

Priyatosh Kumar (PK): The market is witnessing a notable shift, with a convergence of innovation and sustainability along with an increasing demand for efficient printing solutions. Some key trends include the rising popularity of customized prints, as well as a significant emphasis on automation, speed and integration in the printing process. Additionally, the coming together of artificial intelligence and data-driven insights is leading the way for a more intelligent and responsive printing ecosystem. To top it all, the process of digital printing being simple & easy and barriers of entry being low, the market has seen a huge surge in demand. This is also because there is demand getting generated from end customers as a result of mass consumption base of India and its economic growth.

VM: *Two years of Revoria press in India. How has the market responded and what segments of the print applications have been popular for it?*

PK: The market response for Revoria Press has been positive in India, as it brings unrivalled expressive power to the digital

printing market. The high-output resolution streamlined print-to-post workflow, support for a broad range of stocks and high-performance print server of Revoria PC1120 that has resonated well across diverse segments, with notable popularity in the general commercial and photo printing segment. Its precision and efficiency have particularly stood out in industries that are quality intensive. These innovative technologies within Revoria Press have played a key role in its success, making it a go-to choice for industries seeking a reliable and modern printing partner.

VM: *Considering the diverse needs of businesses, can you elaborate on how Fujifilm India tailors its digital printing solutions to cater to different industries in India?*

PK: At Fujifilm India, our approach to digital printing revolves around a deep understanding of the unique requirements across various industries as well as geographies to offer customization and flexibility in our product offerings. Each industry segment has its uniqueness and the press is made versatile to cater them. For example, the Revoria PC 1120 has a unique RGB workflow that caters very efficiently to the photo market. At the same time the Workflow required for quick

printing (Jobber segment), calls for faster and efficient turnarounds and single pass special colors with mixed media jobs which are embedded in our RIP. This adaptability allows us to deliver outstanding results, contributing to the success of businesses across India.

VM: How does Fujifilm India support its customers in terms of training and education to maximize the benefits of digital printing technologies?

PK: We understand that the optimal utilization and adoption of these advanced solutions require more than just access to the latest equipment. Therefore, Fujifilm India offers specialized training sessions to our customer operators that cover the intricacies of our digital printing systems, software applications and how to optimize the workflow. These are pre scheduled and executed in batches during the year. Our dedicated team of experts work closely with our customers, providing hands-on training and continuous support to enhance their proficiency in utilizing our technologies effectively. We are striving to enable our customers to unlock the full potential of Fujifilm India's digital printing solutions in line with their specific needs.

VM: What plans to push Fujifilm JetPress and the B2 Dry Toner presses in India?

PK: Fujifilm India is the only company that has both platforms of B2 press - Toner and digital catering to different market segments with specific requirements. The Revoria B2 press is called the GC 12500 while Jet press model is 750 S. A jet press kind of a product is more catered to an offset printing environment while the GC 12500 is directed towards the Print on demand market. While Jet press has been around for some time, we are formally launching the Revoria B2 Press GC 12500 in Drupa this year. I will invite our Indian customers to visit our booth and check out on both the technologies.

VM: Production printing or Wide Format, what is a stronger foothold for Fujifilm in India and why?

PK: Fujifilm India has a very solid MIF base of wide format printers in India where we have been selling our Acuity range of products both in roll to roll and flatbed formats. POD is a new segment that we started 2 years ago and we foresee more products to be launched in both domains. While the focus on Wide Format Inkjet will be on the high-end segment of Flatbed and Hybrid machines, the focus in POD will be to expand our base with newer products across the various speed segments. For the moment we have limited yet invaluable offerings in POD space.

VM: In terms of technological advancements, what sets Fujifilm India's digital printing solutions apart from competitors in the Indian market?

PK: What makes Fujifilm India's digital printing solutions

stand out in the Indian market is that we are the only company that caters to all segment of printing industry. We have an analogue business where we sell high quality printing plates that cater largely to the packaging and commercial printing segments. We also sell PWB films that caters to manufacturing companies.

In digital printing, we also play in the sign and display market with products in the WFJ category. Now we are slowly expanding into POD (Digital printing) with an ever increasing product portfolio. Apart from this, we have our sister company Fujifilm Sericol that manufactures high quality inks catering to various segments of the printing industry. Since we have a very elaborate touch point, we benefit immensely through this cross coordination that work in tandem with each other trying to understand a customer's requirement holistically. We have a resilient commitment to technological excellence and innovation. Our solutions are distinguished by their integration of state-of-the-art features, ensuring superior print quality, efficiency and versatility to cater to various sectors.

Our continuous investment in research and development empowers us to stay ahead of the curve, introducing breakthrough products that address the evolving needs of the market. The result is a comprehensive suite of printing solutions that not only meet but exceed the expectations of businesses across various sectors, solidifying Fujifilm's position as a leader in the Graphic Arts landscape.

VM: How is Fujifilm India

aligning its digital printing technologies with the increasing demand for sustainability and eco-friendly practices in the printing industry?

PK: Fujifilm India is strategically aligning its digital printing technologies with the rising demand for sustainable and environment-friendly products. As a result, we are prioritizing energy efficiency, reduced waste and the use of eco-friendly inks. Also, we are actively promoting the adoption of recyclable materials and eco-conscious printing processes.

VM: Looking forward to 2024, the year of Drupa, what new introductions and launches are expected from FUJIFILM India?

Fujifilm has 2500 Sq Metre of booth area in Hall 8B. Our offerings will cut into a cross section of products both in the commercial and industrial space. In the digital print on demand category there are quite a few launches that will be showcased including the Revoria B2 press. While we will also be sharing the portfolio of wide format inkjet space along with digital devices for packaging. We will also be showcasing new developments in Plates offering.

“We are striving to enable our customers to unlock the full potential of Fujifilm India's digital printing solutions in line with their specific needs”



Reflecting on digital printing innovations in 2023 - Looking ahead to 2024

As we stand on the cusp of 2024, the landscape of digital printing technology is poised for exciting advancements and transformative shifts. The industry, already marked by rapid evolution, continues to push the boundaries of what's possible.

With an increasing focus on sustainability across industries, digital printing is expected to adopt more environmentally friendly practices in 2024. This involves the use of eco-friendly inks, reduced energy consumption, and the development of recyclable materials suitable for digital printing. Sustainable practices will not only align with global environmental goals but also meet the growing demand for eco-conscious products.

The textile industry has witnessed a significant shift with the advent of digital textile printing, and this trend is expected to continue its upward trajectory in 2024. Increased customization, faster production times, and the ability to print on a variety of fabrics will make digital textile printing even more attractive to designers, manufacturers, and consumers.

The year 2024 holds great promise for the digital printing industry, with a convergence of technological advancements that will redefine the way we approach printing in various sectors. From improved color accuracy and the rise of 3D printing in commercial applications to the integration of AI and sustainable printing practices, the future is undeniably digital and dynamic.

As businesses and consumers alike embrace the transformative power of digital printing, the industry's landscape will continue to evolve rapidly. The key to success will lie in the adaptability of businesses to leverage these emerging technologies, staying ahead of the curve and unlocking new possibilities in the world of digital printing. The stage is set for an era where innovation and imagination converge, shaping a future where the printed word meets cutting-edge technology.

We share with you thoughts of a few leaders from the print industry expressing their views on Lookig Back - Looking Forward.

Ajay Agarwal

*Managing Director & CEO
Insight Print Communications*



"I wish all the readers a very happy 2024.

Covid, although very recent, has all been forgotten as India continues to grow rapidly towards the 5 trillion dollar economy target for now and furthermore.

Covid - surely gave a boost to digital - digital payments, online meetings, online classes and schools and as far as we are concerned - digital printing.

Digital printing has been growing consistently since its inception. Till date digital printing is in single digits compared to offset. I believe it will start to grow exponentially from now onwards. Commercial printing has moved to digital in a big way and now the book publishing industry will start to do so.

We have introduced an inkjet press which has a very high cross-over point of 2,000 to 5,000 books before offset becomes cheaper. 99% of the book's print runs are less than this range. In digital - we need exactly 2 raw materials, ink and

paper. Compare this with offset - where we need almost 30 plus raw materials in prepress and press. Post press remains the same for both technologies.

Another issue was the life of the digital press versus offset and the speeds that toner based digital presses were too low for mass printing. Both these issues are getting resolved. High speed digital inkjet presses have a long life as good as offset and they also produce at the same speeds as a sheetfed offset. The net time from order to delivery and the capability to print books in the "Just in time" model can be a huge advantage that digital can offer compared to offset.

There are many more advantages like paper savings, power savings, space savings, labour savings. Further environmentally sustainable printing technologies, low paper waste, zero chemicals, zero water and zero discharge add to the attractiveness of digital.

Drupa 2024 will be a big eye-opener for our industry. It is happening after eight years and a lot of new technologies in digital printing will open up new business models for our printers and publishers.

Atul Thakker,

Managing Director, Minosha India Ltd,



In the dynamic landscape of the print industry, the year 2023 witnessed remarkable strides in digital printing, unlocking diverse opportunities across sectors. Notably, the warehousing, logistics, and e-commerce domains flourished with the integration of innovative printing solutions, catering to their high-volume needs. The post-pandemic era ushered in a new era for laboratories, where the demand for printing multiple barcodes for tests soared, paving the way for novel advancements. The surge in online payments, especially through UPI, created a demand for barcode printing, effectively bridging gaps in smaller printing sectors.

While we stride into 2024, the digital transition poses some challenges, notably the escalating risk of software blending and fraud. In response, Ricoh stands at the forefront with cutting-edge technology featuring invisible ink and neon ink, revolutionizing secure document printing and thwarting fraudulent activities. This commitment to innovation extends to the seamless adaptation to the evolving landscape of diverse throughput materials, capable of handling up to 470 gsm, including textured media. Minosha takes pride in supporting loyal Ricoh customers in such security printing domain for decades.

Looking ahead, the anticipation of technological trends unveils the revolutionary impact of satellite-based communication on connectivity. This wireless technology is set to extend telecom services to the remotest areas of India, marking a significant leap in the printing communication network. Poised for the future, Ricoh's technology aligns strategically with market demands, promising a secure, efficient, and innovative era in digital printing for 2024 and beyond.

C Sukumaran,

Senior Director- Product & Communication, Canon India



The digital printing segment witnessed rapid transformation in 2023, augmented by innovations and a rise in customers adopting digital experiences. With the stellar growth, digital printing has penetrated further into a variety of sectors, including packaging, commercial offset, book printing, photo printing & AECM.

In the Indian market, this transformation was propelled by increase in the volume of commercial printing, the decentralization of digital printing, and its expansion in Tier 2 and 3 cities. Together, these factors coupled with digitization, contributed greatly towards reshaping the production, delivery, and consumption of printing services. For the end users, this has facilitated more personalized, targeted, and cost-effective printing solutions.

The transformation witnessed last year has now set the rhythm for widespread digital printing and technological integration across industries. We expect this development to have a ripple effect on inkjet technology in Digital printing, including B2 & B3 formats. This will significantly impact multiple printing domains, including commercial, label, and packaging.

In 2024, Canon aims to focus on technology development that can offer better efficiency, productivity, and quality to overcome the challenges of price pressure and, consequently, enhance profitability. By smartly and innovatively addressing these verticals, we are confident of offering customers greater value and satisfaction.

Kuldeep Malhotra,

Director, Konica Minolta Business Solutions (I) Pvt. Ltd.



"Year 2023 was very promising and has shown tremendous growth in digital printing for both black and white and colour segment. We saw huge demand for mono machines besides good demand for colour LPP and MPP machines. Looking at the penetration trend of industry players, it has emerged that publishers and commercial printers have invested in mono engines to meet their customer's short run and urgent printing requirements. For colour also lot of investment has been made by commercial printers and PFP segment. We saw new entrants in PFP segment in remote 2 and 3 areas since the demand of short run is increasing in these areas also which can be met with digital devices only. Nowadays vendors are developing new applications to grow print volume and meet corporate and other segment requirements.

Further Made in India – local manufacturing has

tremendously increased the demand of short run and digital printing. Lot of offset volumes are now shifted to digital Printing to meet urgent printing requirements.

When you manufacture locally, you will need carton box, user manual, service manual etc. for end customer use. Due to this, we can see demand for label printing also growing which is helping both cut-sheet and roll-to-roll printing industry in generating huge print volumes.

Besides this the embellishment market has also seen good growth and the penetration is happening in Tier-2 markets also. Vendors are developing new applications to help their customers in meeting their new requirements.

I am confident that this growth in the journey of penetration of machines and increase in digital print volumes will continue in 2024. Also looking at Indian market GDP growth, government policies will promote local manufacturing with PLI schemes, besides focusing on infrastructure development and tourism in the country.

I wish everyone a great success and growth in their business in 2024.

Priyatosh Kumar,

Head Graphic Communications & Device Technology at Fujifilm India.



"Fujifilm India's Graphics division experienced notable growth in CY 2023, witnessing consistent and substantial progress across both Analogue and Digital product lines. This rise aligns with the expanding Indian economy, leading to a surge

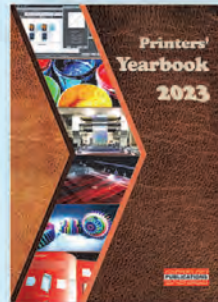
in demand for printing services. Shifting customer preference towards digitization in the printing sector also significantly contributes to this trend. The company's Graphic Communication products represent a distinctive blend of digital and analogue solutions, comprehensively fulfilling the market needs. We are confident that this upward trajectory will continue in the foreseeable future."

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Hall-1, Booth No. B20

Canon India to present Production Printing & Wide Format Printing Equipment

Canon Professional Printing Products displayed at Pamex 2024 will cater to customers who have high or specialized print requirements for bulk printing, across wide range of media, quality & applications needs in jobber, graphic arts, CAD/CAM, photobooks and book printing segment.

Canon, post integration of Oce into it, now has one of the strongest Production Printing Products portfolios in the industry. With the integration complete, customers of both entities can look forward to an expanded range of products and enhanced services offering which leverages the expertise of two giants in the print solutions industry.

Production Printers on display are: imagePRESS V700, imagePRESS V1000, imagePRESS V1000, imagePRESS C265 and imageRUNNER ADV 89XX Series.

Wide Format Printers on view are: imagePROGRAF TX 5310 MFP, imagePROGRAF TM 5340 SFP, imagePROGRAF TM 5250 SFP and imagePROGRAF TC 20.

Hall-1, Booth No. C30-32

Konica Minolta to showcase PPE and IP products

Konica Minolta is poised to showcase its latest developments across its divisions of print solutions, that foster engagement with industry stalwarts and professional print businesses. Pamex 2024 offers opportunities beyond the technical exhibition. Konica Minolta's team of experts will personally showcase in-depth insights into their latest technologies from process to specialization, to automation. The Exhibition will showcase nascent and established industry trends and explore how Konica Minolta's solutions can transform printing operations, regardless of scale.

At Pamex 2024, Konica Minolta will showcase their Production Print Engines along with Industrial Products i.e MGI +Inline Foiling and AL400 with White label printer range to empower businesses, value additions to the printers, automation to increase productivity, and redefine printing excellence.



Hall-2, Booth No. H30

Kodak to highlight Prosper Presses

At Kodak booth attendees will be able to learn about cutting-edge Kodak technologies that help printers successfully meet today's industry challenges, better serve their customers, increase operational efficiency and profitability, and operate more sustainably.

Kodak will highlight the unmatched capabilities of its high-speed Kodak Prosper Presses and Imprinting Systems with samples from a wide range of applications printed on different substrates. With the breakthrough Kodak Prosper Ultra 520 Press and the Kodak Prosper 7000 Turbo Press, the world's fastest inkjet web press, Kodak is well positioned to help printers add the most advanced digital capabilities to their offerings.

Visitors to the Kodak booth will be able to see Kodak's comprehensive CTP portfolio ranges from B2 size models to the world's fastest platesetter in the B1 size category, Kodak Magnus Q800 with T-speed Plus Option, to the Kodak Magnus Q4800 Platesetter, the largest, highly automated CTP system in the world.

Kodak continues to lead the market with innovations in eco-friendly and resource-saving process free plate technology with the next-generation Sonora XTRA Plate.

Kodak will also demonstrate the Kodak Prinergy Workflow Solutions, which offer smart automation and support for analog and digital printing processes and is compatible with virtually all third-party software and equipment and connects with the broadest range of digital presses.

"As a supplier to the printing industry with its own subsidiary in the country for 50 years now, it is natural for Kodak to be an exhibitor at India's premier printing trade fair. We look forward to informing Pamex attendees from all over India and neighboring countries about our highly productive, sustainable prepress and offset solutions as well as our groundbreaking high-speed Prosper Inkjet Presses," said Jenine Rose-Johnson, Vice President, Operations and Alternate Channels & Head of APR Sales, Kodak.



Hall-2, Booth No. G25**Mehta CadCam at Pamex**

Mehta Cad Cam Systems, a company with a 30-year history and renowned as a pioneer in CO2 laser, fiber laser, CNC routers, and digital printing systems, is gearing up to unveil innovative digital printing solutions at PAMEX 2024. Director Shailesh Mehta highlights the company's focus on introducing cutting-edge solutions for printing on a diverse range of corrugated materials, aiming to set a new standard in digital corrugated packaging printing.

Among the key exhibits at the expo, Mehta Cad Cam Systems will showcase its array of digital UV flatbed and laser technologies. Shailesh emphasizes that the company's digital UV flatbed printers and laser engraving machines are meticulously engineered to provide players in the printing and packaging industry with a fresh impetus for pushing the boundaries of innovation in graphics and designs to new heights.

Hall-1, Booth No. D03**Mimaki at Silicon Infotech**

Silicon Infotech, an authorized distributor of Mimaki technologies for display graphics and IP printers in the Western India region, is set to showcase the core competency of new innovations. This strategic platform serves as an opportunity for Silicon Infotech to unveil the groundbreaking capabilities of Mimaki technologies in the realms of printing, packaging, and production.

Krunal Jivani, Business Partner at Silicon Infotech, expresses excitement about introducing a novel Mimaki system equipped with special features, poised to elevate the standards of print graphics in the dynamic printing and packaging market. He emphasizes the significance of Pamex as a strategic stage for their endeavors, stating, "Pamex has consistently proven to be a vital platform for us to unveil new machines and technological solutions. We plan to leverage the expo's growing prominence to introduce innovative and productive machines and solutions, including the debut of a newly unveiled Mimaki printer."

Hall-1, Booth No. B10**Minosha India to elevate Ricoh's printing excellence**

With an unwavering commitment to innovation and Ricoh's legacy spanning 29 years, Minosha's stall at Pamex 2024 will be themed as 'The Legend Is Here.' This theme pays homage to Ricoh's global reputation and Minosha's dedication to showcasing the rich history and cutting-edge innovations that have established Ricoh as a legendary name in both Office Automation & Commercial Print segments. The stall stands as a testament to Ricoh's enduring impact on the industry and Minosha's pledge to deliver exceptional printing solutions.

The spotlight of Minosha's exhibit will be on two groundbreaking Ricoh machines- the Pro C9500 and Pro C7500 production printers. These two products, hailed as one of India's premier production printers and recognized in five prominent publications, cement their position as a printing powerhouse. Highlighting cutting-edge technology and innovative features, these products are the go-to-choice for businesses seeking high-quality printing solutions.

In response to the evolving dynamics of modern office environments, the IM 460F multifunction printer takes center stage as a versatile device. Tailored for dynamic workplaces, it accommodates hybrid work styles, optimizing office space and resources. This latest-generation black-and-white multifunction device supports businesses of all sizes, enhancing day-to-day operations with technology that boosts productivity, ensures data security, and offers a seamless user experience.

Sharing his views on the upcoming Exhibition, National Head - DC & PP Business, Sales – Minosha India

Limited said, "Pamex 2024 marks a pivotal moment for Minosha as we eagerly anticipate the opportunity to present Ricoh's latest innovations on a prestigious stage. Our chosen theme, 'The Legend Is Here,' goes beyond a mere slogan- it embodies the essence of Ricoh's global prominence and serves as a visual representation of our dedication to delivering cutting-edge solutions to our valued customers."

"The enthusiasm surrounding this groundbreaking event is further fueled by the remarkable response we received last year by showcasing 200 demonstrations of our production printers at Pamex. This overwhelming feedback reaffirms the industry's eagerness for innovation and the latest technology developments. Encouraged by this, we are determined to build on that success by presenting even more groundbreaking technologies this year with Pro C9500 and IM460F exemplifying Ricoh's legacy and our proactive approach to addressing the industry's ever-evolving needs. We invite all attendees to witness firsthand the convergence of innovation, legacy, and commitment at Minosha's stall during PAMEX 2024.", he added.



Hall-1, Booth No. A02

Monotech Systems to Unveil Revolutionary Printing Advancements

Monotech Systems is set to make a significant impact at Pamex 2024 with a focus on digital printing and print enhancements. The company will be unveiling its latest technological marvels, the Ricoh Pro C7500 – 11 Colors Digital Production Press and Ricoh Pro C9500 – Highly Productive Digital Production Press, both of which promise a host of unique features, enhanced productivity, and seamless upgrades on the go.

Live demonstrations of these cutting-edge presses will showcase their capabilities, highlighting their advanced features and performance. Among the spotlighted products is Monotech Systems' very own PixelGlow, India's first digital UV and foiling system, showcasing the company's commitment to innovation in the digital print enhancement domain.

A special addition to the exhibit is the Screen Foiling System, accompanied by the Screen-printing system, making its debut appearance at the show. These offerings represent a new chapter in Monotech Systems' participation at the event.

In the realm of print enhancement, Monotech Systems will present an application gallery featuring Scodix – digital print enhancements for commercial printing and packaging, providing visitors with insights into the vast possibilities in this space.

Visitors will also have the opportunity to explore inkjet printing through an application gallery featuring JETSCI KnowzzleJet – Inkjet Web Press, catering to monochrome and color print-on-demand book printing.

The label printing segment will feature an application gallery showcasing JETSCI Inkjet Label presses, demonstrating



Monotech Systems' comprehensive solutions in this niche.

The Canon large format multi-function system will be another highlight, offering visitors a firsthand look at its capabilities. Additionally, the Pixeljet LEO - 10 ft. UV Roll-to-Roll printer from the wide-format printing segment will be on display, accompanied by the Pixeljet UV printing application gallery.

While these products have been recently launched, they will be showcased for the first time at Pamex 2024. Monotech Systems aims to provide visitors with an immersive experience, introducing them to a complete screen printing to a foiling solution.

Monotech Systems welcomes decision-makers from all segments of the printing and packaging industry to engage in meaningful conversations. As a leading manufacturer and one-stop solution provider globally, the company is eager to collaborate with visionaries looking to differentiate their businesses and stand out in the competitive landscape.

Sharp Business Systems (India) Private Limited at Pamex

Hall-1, Booth No. C89

SHARP Business Systems (India) Pvt Ltd is an ISO 9001:2015 Certified and wholly owned Indian subsidiary of Sharp Corporation, Japan which is more than 111 year old company with many technological innovations.

We are present in 14 cities across India with 200+ channel partners, offering 'One Stop Solution' across multiple verticals.

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Product on Display are Multifunctional Printers & Interactive & Non-Interactive Displays



06 07 08 09

FEBRUARY 2024

Bombay Exhibition Centre, Mumbai



HP India showcases HP Indigo technology and innovations at CEIF 2024

In a groundbreaking display of innovation, HP India took center stage at the Consumer Electronic Imaging Fair 2024, unveiling its latest advancements in digital printing technology. The spotlight of the showcase was the state-of-the-art HP Indigo 7K Digital Presses, a testament to HP's commitment to pushing the boundaries of photo printing.

India, recognized as the largest market for professional photo printing for HP Indigo, particularly in wedding photo albums, witnessed a remarkable unveiling of new formats and features at the fair. HP showcased the capability of the Indigo 7K Digital Presses with live product demonstrations and experiential zones, providing attendees with an immersive look into the future of photo printing.

A notable highlight of the event was the introduction of new photo album formats, including the unique tabloid newspaper for weddings and the everyday wedding album. The promise of a swift transition from raw photos to a printed album within just 30 minutes



underscores the efficiency and convenience that HP Indigo brings to the industry.

Furthermore, HP introduced expanded sizes of HP Indigo Enlargements, ranging from 20x30 to 40x60, signaling a significant shift in the landscape of professional photo printing. This expansion caters to the diverse preferences and requirements of photographers and consumers, reflecting HP's responsiveness to evolving industry trends.

A Appadurai, country manager, Indigo and inkjet business solutions,

HP India said, "At HP, we recognize that every click captures a unique story, and our commitment to innovation is centered on enhancing and preserving these narratives. Our revolutionary digital printing press solutions are meticulously crafted to meet the dynamic needs of the photo and commercial printing industry. From tear-resistant, waterproof, lightweight pocket albums with vivid colors to ensure fast turnaround times even during peak seasons, our innovative products have positively impacted commercial photographers and photo-labs. The latest advancements showcased at Photo Fair 2024, introducing cutting-edge printing technologies and unveiling new sizes and possibilities, exemplify our unwavering dedication to pushing the boundaries. We eagerly anticipate interacting, learning, and growing with the photographers who have been the driving force behind the immense success of our technology at Photo Fair 2024".

Monotech Systems redefines photo printing at CEIF

Monotech Systems displayed its latest innovations in digital printing and enhancement solutions at the Consumer Electronics Imaging Fair (CEIF) 2024 in Mumbai.

Monotech Systems takes a leap into the future of photo printing with the launch of the groundbreaking Ricoh Pro C7500. This state-of-the-art printer is set to redefine the photo segment, boasting best-in-class quality and introducing a groundbreaking addition to the color spectrum - the ability to print in Pink, a feature never before seen in the industry.

A key highlight from Monotech Systems was the transformative PixelGlow - Digital UV and Foiling System. This cutting-edge system adds a touch of magic to printed materials, enabling enchanting alterations with digital UV and foiling capabilities. This enhancement not only elevates the

aesthetic appeal but also enhances the functionality of the final output, opening up new creative possibilities.

In addition to the Ricoh Pro C7500, Monotech Systems showcased the impressive Ricoh Pro C9500 and Canon Large Format Plotters. These devices, recently launched in India in collaboration with Ricoh, represent the pinnacle of printing technology. They offer unparalleled performance, catering to the diverse needs of businesses and creative professionals alike.

Commenting on the company's participation in CEIF 2024, Ajeet Pareek, Vice President – Digital Products and Solutions, at Monotech Systems expressed excitement, stating, "We are thrilled to unveil our latest innovations at CEIF 2024. Monotech Systems has always been committed to pushing the boundaries of digital printing technology, and our showcased solutions reflect our dedication to providing our customers with cutting-edge tools to bring their creative visions to life."



Konica Minolta debuts AccurioPress 74hc/84hc at CEIF 2024

Konica Minolta took the stage at the Consumer Electronics Imaging Fair (CEIF) in Mumbai to showcase its latest innovative printing solution, the AccurioPress 74hc/84hc. This unveiling, rooted in Konica Minolta's esteemed legacy, reflects a commitment to incorporating market feedback and delivering printing solutions of the highest reliability and quality. The state-of-the-art AccurioPress 74hc/84hc is meticulously designed to cater to the evolving needs of customers who seek to immortalize their memories through print.

With an impressive printing capability boasting 2400x3600 (Equivalent) dpi, the AccurioPress 74hc/84hc guarantees solid print quality. Its versatility shines through in its support for thick paper, accommodating weights of up to 360gsm, and offering an expanded banner size for duplex printing on banners up to 34.02 inches. The optional IQ-501 enhances automation through inspection and post-processing, while diverse finishing options allow for sheet cutting into halves or full-bleed usable files. The new KM controller, featuring 16GB RAM, ensures high-speed processing of printing jobs.

The AccurioPress 74hc/84hc prioritizes stability and consistency, delivering a reliable product with high-quality output. Vibrant colors, including bright pink and bright magenta, are achieved through high chroma toners.

To provide an in-depth look into the AccurioPress 74hc/84hc, Konica Minolta has released a launch video across social channels.

Commenting on the exhibition, Mr. Katsuhisa Asari, Managing Director Konica Minolta Business Solutions India, said, "As we unveil the groundbreaking AccurioPress 74hc/84hc printing solution at CEIF Mumbai 2023, Konica Minolta sees this as a strategic opportunity for business growth and enhanced connectivity. This innovative product, with its high-resolution capabilities and seamless automation features shall enable us to connect with previously unexplored vendors and partners. We are excited to showcase how the AccurioPress 74hc/84hc can empower photo lab owners, photographers to embrace the Konica Minolta connectivity, fostering efficiency and unlocking new avenues for growth. The teaser on social channels is just a glimpse of the transformative potential this solution holds. Our comprehensive exhibition,

featuring the AccurioPress C12000 and AccurioPress C73hc, underscores our commitment to providing a connected ecosystem of imaging solutions for businesses aiming to stay ahead in a dynamic market."

In addition to the spotlight on the AccurioPress 74hc/84hc, Konica Minolta shared the stage with other cutting-edge technologies. The AccurioPress C12000, integrated with automated print technologies, took center stage, alongside the newly launched High Chroma Printers C74hc/C84hc and the existing AccurioPress C73hc machine.

This unveiling at CEIF 2024 reinforces Konica Minolta's position as an industry leader, pushing boundaries and setting new standards in the world of printing technology. The AccurioPress 74hc/84hc stands as a testament to their commitment to delivering advanced solutions that not only meet but exceed the expectations of the dynamic and ever-evolving printing landscape.



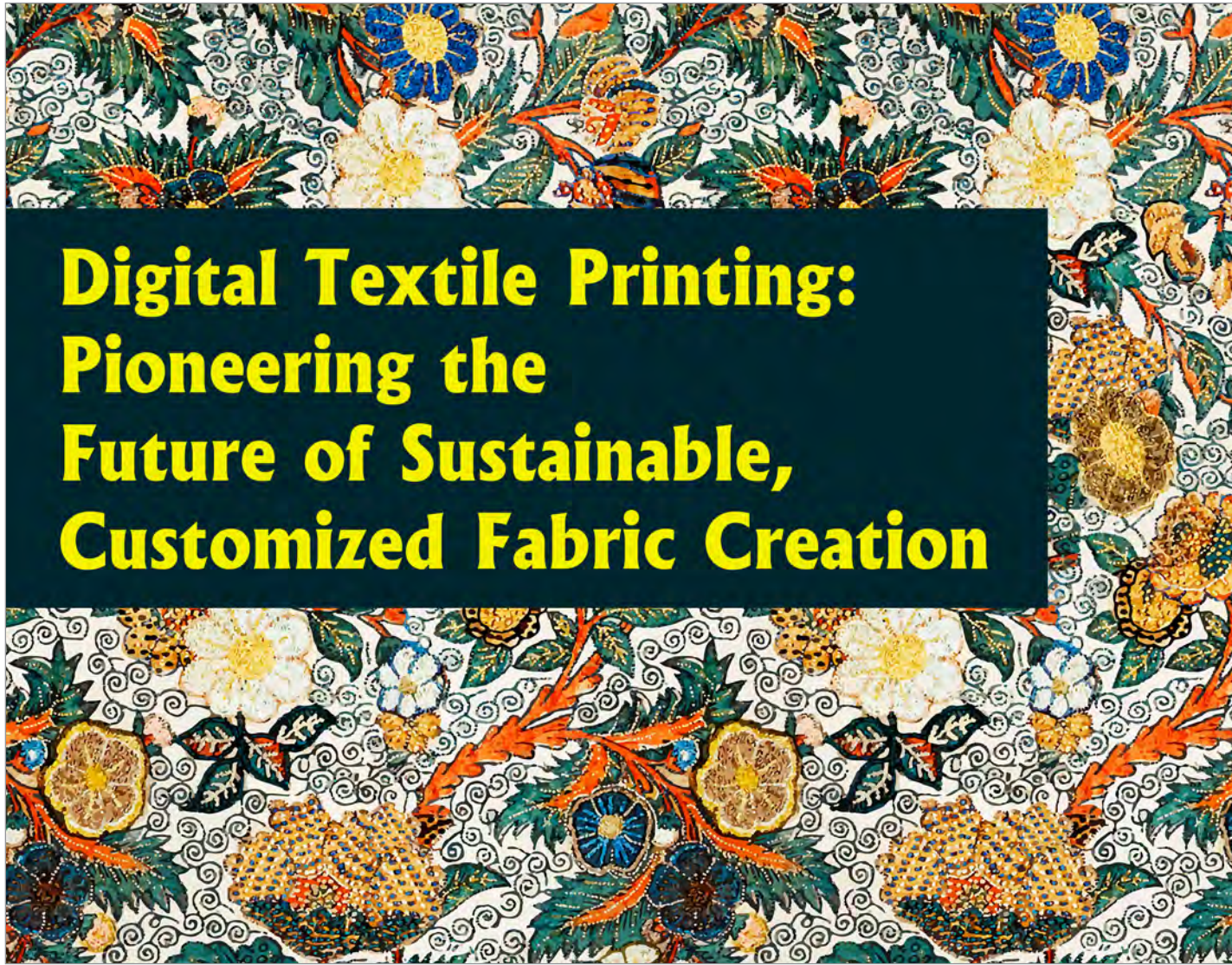
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Digital Textile Printing: Pioneering the Future of Sustainable, Customized Fabric Creation

The textile industry has undergone a significant transformation with a notable advancement in the digital printing sector, and one of the most promising breakthroughs is digital fabric printing. This innovation has unlocked a myriad of opportunities to elevate quality standards and address the escalating demands within the realm of textile printing.

The textile industry, a realm steeped in tradition and craftsmanship, has encountered a profound transformation with the advent of digital textile printing. This innovative technology represents a seismic shift, offering a confluence of sustainability, customization, and technological advancement that has the potential to redefine the very essence of fabric production.

In recent years, India has also witnessed a remarkable surge in the textile industry with this transformative technology and redefined the traditional norms of textile manufacturing.

The Evolution of Digital Textile Printing:

The journey of digital textile printing is a testament to relentless innovation. Its genesis as a niche technology evolved into a disruptive force within the textile industry. In contrast to conventional methods fraught with prolonged setup times, exorbitant costs, and design limitations, digital printing emerged as a liberating alternative. It shattered barriers, ushering in a new era characterized by unparalleled design freedom and efficiency.



Sustainability at the Core:

One of the most compelling facets of digital textile printing is its potential to spearhead sustainability initiatives within the industry. Unlike traditional printing methods that squander copious amounts of resources, digital printing significantly reduces water usage, eschews extensive washing processes, and curtails chemical utilization. This paradigm shift aligns with the global imperative for eco-conscious practices, positioning digital printing as a sustainable cornerstone in fabric production.

Customization and Consumer-Centricity:

In an era dominated by individuality and personalization, digital textile printing stands as a catalyst for meeting evolving consumer preferences. The contemporary consumer clamors for uniqueness, seeking products tailored to their distinct tastes. Herein lies the strength of digital printing—it empowers manufacturers to fulfill this demand for customization. From bespoke patterns to on-demand printing, the technology enables a level of personalization that fosters stronger consumer connections with the products they choose.

Looking toward the future, digital textile printing teems with promise. Technological advancements forecast enhanced print speeds, augmented color vibrancy, and expanded material compatibility. The innovation continuum extends to ink formulations, with a burgeoning emphasis on eco-friendly and bio-based options, amplifying the industry's sustainability endeavors.

Furthermore, the integration of artificial intelligence (AI) and machine learning signifies an impending revolution in efficiency and precision. AI-driven design tools equipped to discern trends, predict consumer preferences, and generate designs are poised to streamline the creative process, offering a nimble response to market demands.

Challenges and Progress:

Amidst the acclaim and optimism, challenges persist in the widespread adoption of digital textile printing. Initial investment costs, the need for specialized expertise, and scalability concerns are among the hurdles that demand concerted attention. Nonetheless, as technology advances and becomes more accessible, these barriers are gradually dissipating, paving the way for broader integration across the textile industry.

The move towards direct-to-fabric printing eliminates the need for intermediate steps, resulting in a more efficient and streamlined process. This trend is gaining momentum as it reduces costs and enhances the overall quality of printed textiles.

The future of digital textile printing gleams with promise and transformation. It epitomizes the convergence of sustainability, customization, and technological prowess. As the industry continues its embrace of this transformative technology, it not only reshapes manufacturing methodologies but also empowers consumers to forge deeper connections with the fabrics they choose.

As technology evolves and market demands shift, the integration of digital textile printing is likely to become even more ingrained in the fabric of India's rich textile heritage. The journey of digital textile printing in India is not just a technological evolution but a transformative force shaping the future of the textile industry.

The journey toward a more sustainable, personalized, and technologically advanced textile industry is underway, and digital printing stands resolutely at the forefront, heralding a new era of fabric creation and design.





The Evolution and Acceleration of Digital Printing in the Post-COVID Era

The COVID-19 pandemic catalyzed a seismic shift across industries, compelling businesses to recalibrate strategies and embrace digital solutions at an accelerated pace. In this transformative era, the printing industry experienced a paradigm shift, witnessing a rapid ascent in the adoption of digital printing technologies. The multifaceted growth of digital printing in the post-COVID-19 era, unveiled the key drivers, pivotal trends, and promising prospects that have propelled its remarkable expansion.

The pandemic-induced disruptions reverberated throughout global supply chains and manufacturing sectors, significantly impacting traditional printing methodologies. Conventional printing methods reliant on large-scale

production and physical interactions faced unprecedented challenges due to lockdowns, material shortages, and logistical constraints. This tumultuous landscape nudged businesses towards seeking agile, adaptable printing solutions, thereby fueling a pronounced surge in digital printing adoption.

Digital printing emerged as a beacon of resilience during the pandemic, offering unparalleled flexibility, speed, and customization capabilities compared to conventional counterparts. The technology's intrinsic capacity to facilitate short print runs, personalized content, and on-demand printing proved instrumental in meeting the evolving demands of diverse industries, encompassing advertising, packaging, textiles, and publishing.

Consequently, businesses swiftly pivoted towards digital printing to navigate the uncertainties and disruptions of the pandemic era.

Technological advancements powering growth advancements in digital printing technologies have played a pivotal role in driving its post-pandemic surge. Continuous innovation in inkjet, laser, and 3D printing technologies significantly enhanced print quality, escalated production speeds, and broadened the spectrum of printable materials. Moreover, the infusion of artificial intelligence (AI) and automation streamlined workflows, optimizing operational efficiency and mitigating costs for printing enterprises.

Several key factors have fueled the meteoric growth of digital printing in the post-COVID landscape. The exponential rise of e-commerce platforms spurred a burgeoning demand for customized packaging, underscoring the necessity for digital printing's adaptability and agility. Additionally, the escalating emphasis on sustainability and reduced environmental impact aligned seamlessly with digital printing's eco-friendly attributes, characterized by minimal setup waste and the ability to execute on-demand printing, thereby curbing excess inventory.

Furthermore, the convergence of digital printing with transformative technologies, such as augmented reality (AR) and the Internet of Things (IoT), opened new frontiers for interactive and personalized print experiences. AR-enabled print materials and IoT-connected packaging not only augmented consumer

engagement but also furnished invaluable data insights, propelling the widespread adoption of digital printing across diverse industries.

Digital printing empowered marketers to craft highly targeted and personalized campaigns tailored to individual consumer preferences. Variable data printing facilitated the seamless integration of customized content into promotional materials, resulting in heightened engagement and amplified conversion rates.

The textile sector underwent a significant paradigm shift towards digital textile printing. The technology's prowess enabled rapid prototyping, bespoke customization, and minimized waste. Its capabilities in rendering intricate designs, vibrant hues, and expediting production cycles met the escalating demand for personalized apparel and home textiles.

Customized packaging emerged as a strategic differentiator for brands seeking to stand out on crowded shelves. Digital printing's prowess in delivering shorter lead times, cost-effective short runs, and the incorporation of variable data empowered brands to create distinctive, visually captivating packaging solutions, thus enhancing brand identity and consumer appeal.

While the exponential growth of digital printing in the post-COVID era presents myriad opportunities, it also entails certain challenges. The initial capital investment in digital printing technology and the imperative need for skilled personnel proficient in operating these advanced systems remain formidable barriers, particularly for smaller enterprises.

However, these challenges also signify opportunities. Ongoing technological advancements are progressively driving down costs and enhancing accessibility, rendering digital printing increasingly attainable for a broader spectrum of businesses. Collaborative endeavors between printing technology providers and educational institutions are nurturing the development of skilled professionals, thus addressing the critical need for a competent workforce adept in harnessing these cutting-edge technologies.

The trajectory of digital printing in the post-COVID landscape portends sustained growth and relentless innovation. The fusion of digital printing with emerging technologies, such as nanotechnology, and its further integration with AI and machine learning, are poised to revolutionize the industry. Additionally, the unwavering emphasis on sustainability will propel the development of eco-friendly printing solutions, solidifying digital printing's position as a linchpin driving industry metamorphosis.

The COVID-19 pandemic acted as a pivotal inflection point, accelerating the adoption and evolution of digital printing across multifarious sectors. The technology's inherent versatility, speed, and customization capabilities perfectly aligned with the dynamic market dynamics, catapulting its exponential growth. As digital printing continues to evolve and innovate, it stands poised to redefine the future of printing, offering an array of unparalleled opportunities for businesses to thrive in an increasingly dynamic, digital-centric landscape.



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The Logic of Digital Embellishment - Unlocking ROI and Sustainability

In the modern business landscape, where competition is fierce and customer attention is fleeting, the quest for differentiation and eye-catching products has become a necessity for companies across industries. While printing matters, the embellishment is of strategic importance. There is a growing emphasis on visually captivating designs and packaging that can attract and influence consumers. In response to this demand, digital enhancements and embellishments have emerged as transformative solutions, empowering brands to do things not possible before building on a true digitalized production. This article dives deep into the implementation of digital embellishment, exploring the advantages, cost considerations, and potential return on investment (ROI) associated with adopting this innovative printing technique.

Unparalleled Flexibility and Customization: Cost Efficiency and Waste Reduction

Digital enhancement offers a plethora of benefits that are widely recognized in the industry. One of the key advantages lies in its unparalleled flexibility and customization options. Unlike traditional methods, which often involve time-consuming and costly processes for making changes in designs or personalization, digital enhancement enables quick and easy adjustments. This makes it an ideal choice for short print runs, prototypes, and variable data printing. The economic implications are significant as this flexibility enhances cost efficiency by reducing waste and enabling businesses to cater to diverse customer preferences.

Enhanced Marketability

Moreover, the inclusion of enhanced visual and tactile elements in printed materials has a profound impact on consumer perception. It conveys a sense of luxury and quality that elevates the marketability and perceived value of the products. Furthermore, the ability to offer customizable and personalized embellishments not only attracts a wider customer base but also allows businesses to tap into niche markets, thereby boosting sales and revenue.

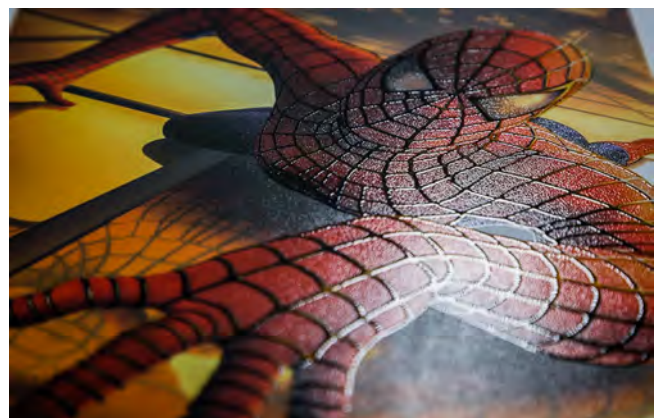
Environmental Sustainability: Minimizing Waste and Hazardous Materials

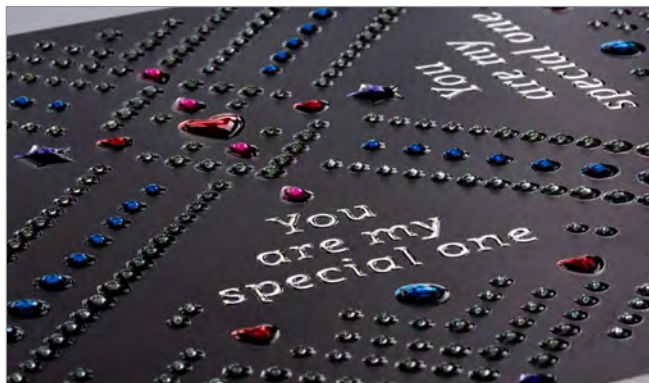
Beyond these well-established advantages, digital production makes an excellent case for decreasing environmental impact too, by minimizing waste and mitigating the use of hazardous materials commonly associated with traditional embellishment methods. A notable player in the digital embellishment space is Scodix, a leading supplier of innovative enhancement systems. The company recently validated its environmental credentials through a Life Cycle Assessment (LCA) study, which revealed that its digital process reduces CO2 equivalent emissions by 85% and decreases fossil fuel usage by nearly 85% and water consumption by 80% per B1 sheet compared to traditional hot stamp foiling. Furthermore, Scodix achieved a certification that allows products enhanced with Scodix Spot™ Varnish embellishments to carry the recyclable symbol, as long as the substrate used is also certified as recyclable. This eco-friendly approach not only contributes to a positive brand image but also meets the growing consumer demand for environmentally conscious products. Unlike other companies offering digital embellishment solutions Scodix has heavily invested in making its life cycle more environmentally friendly and this is important to notice.

Establishing a Compelling Business Case

While the benefits of digital embellishment are evident, Print Service Providers (PSPs) often face the challenge of establishing a compelling business case for integrating this technology into their production line. The adoption of digital enhancement technology requires an initial investment, which can be significant, especially for smaller businesses. However, it is crucial for printers to carefully weigh this capital expenditure against the long-term benefits and potential ROI in order to make an informed decision.

Compared to traditional embellishment methods, digital technology offers notable cost advantages, particularly in terms of reduced labour and setup costs. Expensive dies, plates, and extensive setup times are no longer required. The digital nature of the technology allows for faster job turnaround times, resulting in increased productivity and reduced labour expenses.





A compelling replacement technology

Moreover, digital technology has transcended its initial role as a solution solely for short print runs. Nowadays, it can efficiently and cost-effectively handle longer print runs. Additionally, digital processes now support a much wider range of substrates, making them compatible with diverse printing needs. For instance, Scodix technology works with over 200 different substrates, including 36 foils and a variety of uncoated papers. Consequently, digital technology can seamlessly complement larger printers equipped with traditional processes or serve as a compelling replacement for them.

Enhancing Perceived Value and Driving Premium Pricing

Probably the most compelling argument for quick Return on Investment of digital enhancement lies in the increased value it brings to the product. With the addition of Scodix embellishment, the perceived value of printed materials is enhanced significantly. By incorporating tactile elements and eye-catching finishes, businesses can create a sense of luxury and premium quality that resonates with consumers, leading to increased customer interest and a willingness to pay a higher price. This boost in perceived value is particularly beneficial for companies operating in competitive markets where product differentiation is crucial for success.

Scodix digital enhancement technology takes the customer experience to new heights by captivating and engaging customers on a deeper level. The tactile nature of the finishes created by Scodix technology invites interaction, stimulating the senses and leaving a memorable impression. This heightened engagement can drive customer loyalty, repeat purchases, and positive word-of-mouth referrals, ultimately boosting sales and contributing to overall business growth.

The Path to Differentiation and Business Success

In conclusion, the sustainable benefits of digital embellishment combined with the proper economics offer advantages for businesses looking to offer new services and differentiate themselves in the market. Beyond the obvious benefits of flexibility and customization, digital technology provides cost-efficiency, environmental sustainability, and increased marketability. Of course, digital embellishment won't replace conventional embellishment technologies but

as we all know, digital is the way forward and the one who embark on it early will be able to help their clients to do things not possible before and many brand owners are keen at sustainable innovations.

Being French, I can't miss the recent MGI business case done for the Beaujolais wines losing attractiveness over the years. By adding advanced digital embellishments on Beaujolais wine labels, the JETVARNISH 3D WEB has been able to enhance the attractivity of the bottles on the shelves pleasing a brand owner far beyond its expectations.

The environmental advantages of digital embellishment cannot be overlooked. With reduced waste and minimized use of hazardous materials, digital technology aligns with the growing consumer demand for sustainable products. By adopting digital embellishment, businesses can not only enhance their brand image but also contribute to a healthier planet.

While the initial capital expenditure may be a consideration, the long-term benefits and potential ROI of digital embellishment make a compelling business case. Reduced labour and setup costs, faster turnaround times, and compatibility with a wide range of substrates make digital technology an attractive option for both small and large print service providers. Whether as a complement to traditional processes or as a replacement technology, digital enhancement provides the means to elevate print materials, engage customers on a deeper level, and drive business growth.

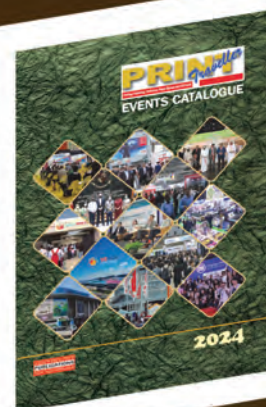
As businesses strive for differentiation and excellence digital embellishment present a compelling opportunity. It takes more than a digital press to be successful. Embracing innovative digital finishing techniques can unlock a realm of possibilities, leading to increased profitability, enhanced brand recognition, and a sustainable competitive advantage in today's dynamic marketplace. All this will be on stage at drupa and a must see for all the one who are looking at developing new applications and new services for their clients, for those who believe in end-to-end digital production and to the one who simply look forward to do things not possible before.



About the author: Francois Martin is a Freelancer Print, Labels & Packaging Industry Consultant. After more than 20 years in Print & Packaging driving for innovations enabling new things not possible before he is looking at digital innovations able to transform the print and packaging industry to be more effective and more sustainable going forward. He is as well a communication senior advisor and consultant. (Images courtesy Scodix)



The World is Full of Knowledge



The World is Hungry for Knowledge

'Sumi Publications' has many firsts to its credit in the field of printing and allied trade publications.

Our magazines cover the entire spectrum of print industry

Digital Impressions, now in its 18th year, is India's premier bi-monthly dedicated to the subject of Digital Printing, Work Flows, Wide Format and 3D Printing.



Digital Impressions provides a primary resource to the design and graphic arts market, quick printers, commercial printers, pre-press houses and advertising agencies. Our application stories, industry coverage, and high-impact advertisements in the premier publication provide a guideline in their search for opportunities.

Print Traveller is a bi-monthly magazine on Events (Conferences & Exhibitions) related to printing, publishing, paper, stationery, signage, 3D and allied trade. It is the first Indian guide on global events in the printing world.



The magazine covers exhibition previews, reviews, listings, conference details and write-ups on trade events.

Print Traveller Events Catalogue, rebranded from Printers' Yearbook Events Catalogue, is now in its 23rd year of publication.



In a convenient A-5 size format it gives information of about 200 Printing, Packaging, Converting, Publishing, Signage, Paper and Stationery related, as well as 3D Printing events worldwide (Exhibitions and Conferences), with full communication data and colour logos.

The publication also includes advertisements of various events worldwide which serve as a reference and reminder to the print, paper and publishing community.

Printers' Yearbook includes articles of interest, from industry experts, on various segments of the printing, publishing, packaging and 3D industry, looking at developments in the past year and trends for the future.



Contact addresses of Print Associations, various Print Media and Printing Institutes in India are also listed.



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Kodak Unleashes Cinematic Enchantment for *Poor Things* through Promo Postcards Crafted on the Kodak Prosper Ultra 520 Press

A collaboration between film production company Searchlight Pictures and Kodak married cutting-edge Kodak inkjet printing technology with dazzling photography to create promotional postcards for the cinema release of the multi-award-winning movie *Poor Things*. The goal was to showcase the beauty of director and producer Yorgos Lanthimos' filmmaking and offer cinemagoers a tangible piece of the movie's magic to take home, leveraging the quality and productivity benefits of the Kodak Prosper Ultra 520 Press.

Yorgos Lanthimos, known for his distinctive and captivating visual style, shot *Poor Things* on a combination of Kodak Ektachrome, Vision3 500T and Eastman Double-X Black & White 35mm film stocks. The choice of iconic Kodak film materials was intentional, aiming to create a unique and memorable visual setting for the fantastical story of the film. Recognizing the opportunity to contribute to the film's immersive experience, Kodak eagerly stepped in to help bring this vision to life on the printed page.

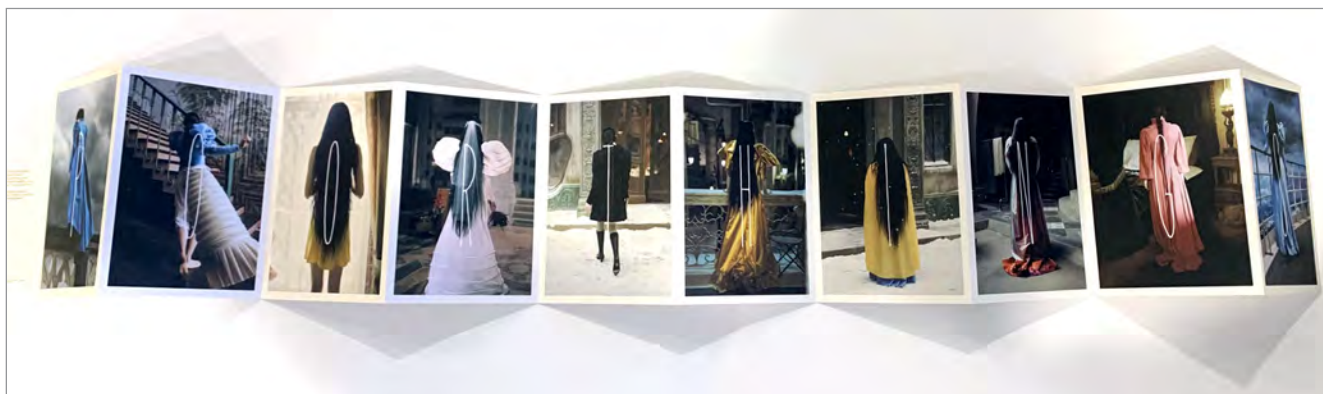
The result: a bespoke *Poor Things* postcard collection that serves as a vibrant and valuable memento for fans. The postcards, featuring bold images captured on the film's set shot on Kodak Professional Porta 400 Film by Yorgos and renowned photographer Atsushi Nishijima, are not just promotional items; they are works of art in their own right.

The 11-panel postcard sets were printed on the Kodak Prosper Ultra 520 Press 3-up on Pixelle Enhanced HiBrite paper (185 gsm / 125# text). When producing the postcards, the Prosper Ultra 520 Press took full advantage



of its ability to achieve offset quality on coated and glossy papers, with *high ink coverage* at speeds of up to 152 mpm (500 fpm). Upon printing, the sets were cut, perforated and fan-folded. In total, Kodak produced 110,000 postcard sets to support the global launch of the movie across multi markets including the US, UK and EMEA.

"The *Poor Things* postcard collection is not just a promotional endeavor; it's a celebration of the craftsmanship and artistry that goes into creating memorable cinematic experiences. This joint project has shown that the Prosper Ultra 520 Press is ideally suited to efficiently producing high-quality, high-ink coverage work with short lead times," commented Denisse Goldbarg, Chief Marketing Officer & Head of EAMER Sales, Kodak.



The Need for a Forum

Even the most conservative estimates make the growth of digital printing a staggering phenomenon. India is by no means left behind. It is time to give this trade in India a platform to share knowledge among manufacturers, vendors, service providers and end users.

DIGAF is dedicated to providing the platform that enhances the growth and profitability of its members through seminars, conferences, round table events, road shows, educational programs, publications, and sharing of information.

Aims & Objectives

- Share information on new technologies & developments in Digital Printing
- Better interaction between OEMs/Vendors/Service Providers & End Users
- Find solutions for improved and economic use of technology
- Provide a platform for presentations/seminars/road shows
- Organise events related to digital printing and allied trade
- Organise Open Houses at Service Provider's and Vendor locations
- Provide networking between service providers across India (and neighbouring countries)
- Create broader awareness about benefits and applications in Digital printing
- Scope to cover - Digital Printers, OEMs, Vendors, Advertising Agencies, FMCG Sector (end users), Mailing Agencies etc.
- To maintain a thorough knowledge of the issues impacting the industry.
- To be the credible voice for industry issues to be heard.
- To promote exchange and cooperation with related institutions worldwide.

Membership Categories

DIGAF members will be industry leaders representing all facets of the digital printing industry, including print and marketing service providers, enterprise organisations and manufacturers of hardware systems and software developers.

Executive Board Members

Executive Board Members will be the driving force behind DIGAF. This level of membership is the most appropriate for those who have broad interests in the industry and want to set strategic direction. They will influence not only the activities of DIGAF, but also the industry. Executive Members determine which initiatives to pursue. *This category of membership is by invitation only.*

General Members

Print Service Providers, Agencies and Marketing Solutions Providers whose customers are typically enterprise marketers or other service providers. (An OEM or vendor company/channel partners cannot become a Service Provider Member).

Associate Members

Associate Members will be OEMs/Vendors of digital printing hardware and software, plus vendors in related fields such as paper manufacturers, consumables, software, distributors, and finishing equipment manufacturers.

Independent consulting organisations; educational and R&D institutions will fall in this category.

Enterprise Members

Corporations or enterprises including brand owners who utilize print in their communications strategy and have a need for digital print in order to more effectively communicate with their customers or to reduce costs.

Technical Members

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Invitee Members

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SNJ Enterprise invests in EFI VUTEk 3r+

Pune based SNJ Enterprise has installed the EFI VUTEk 3r+ for faster production and new creativity. This makes it the fourth installation at SNJ over a six-year period, commencing with the installation of the Jetrix Flatbed printer in 2017, followed by the EFI VUTEk GS3200 in 2019, EFI Pro 32r+ in 2020.

Commenting about the installation, Sam Patel, CEO & MD at Arrow Digital said, "SNJ Enterprise is more than just a partner, this marks our fourth installation together, and it's a testimony to the trust we've built. The excitement at SNJ's end matches ours because the EFI VUTEk 3r+ is not just a printer, it's an experience. It's about bringing that extreme speed and quality right to SNJ's doorstep."

Poonam and Vishal Telkar, Partners in the firm state, "Arrow Digital has been instrumental in elevating our capabilities. The synergy between our teams is remarkable, and with each installation, we witness a leap in performance. The EFI VUTEk 3r+ is a powerful addition to our arsenal, allowing us to meet the diverse needs of our clients with unmatched quality and efficiency."

According to Patel, EFI VUTEk 3r+ isn't just a printer but a game-changer, a technological marvel that marries extreme speed with uncompromising image quality. It has the ability to produce

up to 4370 ft²/hr. and true resolution up to 1200 dpi. What sets the VUTEk 3r+ apart is its versatility. From premium point-of-purchase displays to high-volume billboards, it handles it all. Extended color gamut using eight colors with white for premium jobs; fast four for speeds/fast turnaround of jobs. Three layer printing or 5 layers, this printer has it all; along with automatic back to back printing with inbuilt cameras. As for its environmental credentials – the industry-leading LED curing technology contributes to cost savings and reduces our environmental footprint.

Telkars add, "Sustainability is a core value at SNJ, and the EFI VUTEk 3r+ aligns perfectly with our green initiatives. Its energy-efficient LED curing technology and the ability to print on a variety of substrates resonate with our commitment to environmentally friendly practices. This installation not only enhances our production capabilities but also underscores our dedication to customer satisfaction through top-notch quality."

Talking about the ink technology, Patel continues, "With Genuine EFI Inks, consider your prints officially upgraded to a spectrum of flying colors. Now, why is this a big deal? Well, it's the secret sauce ensuring you get the absolute best in color quality,



durability, performance, reliability, consistency, and those predictable running costs we all love. EFI Genuine Inks are your ticket to consistently producing images that pop with crispness and vividness across a wide variety of large-format printing applications."

Vishal Telkar concludes by saying, "The EFI VUTEk 3r+ opens exciting possibilities for us. Its extreme speed allows us to meet tight deadlines without compromising on quality. The versatile options, including white printing modes and inline finishing, give us the flexibility to explore new creative avenues. We see this technology as a catalyst for our growth, allowing us to take on even more challenging projects with confidence. With Team Arrow always there with creative applications and diversified applications knowledge, we are further expanding in new segments we never imagined we would be. We are already discussing new global markets and new equipment in the near future."

Moradabad's AKEH Services installs Ricoh Pro 8300S

Incorporated in the year 2017, Moradabad based AKEH Services has installed a RICOH Pro 8300S, which is a highly-advanced black & white digital production press.

"After a stint in jobs, we eventually decided to start something our own. This is how we opened AKEH Services



to serve customers to their utmost satisfaction. Over the last few months, we have been increasingly receiving demands for monochrome prints from our customers across North India. To take care of it, we finally decided to bring home a new digital production press that turned up as the new RICOH Pro 8300S from Monotech Systems," says Neeraj Bhatnagar, Managing Director, AKEH Services Pvt. Ltd.

Boasting an industry-leading resolution of 2400×4800 dpi, this cutting-edge production press delivers sharp prints at an impressive speed of 96 ppm (pages per minute). The true

versatility of the RICOH Pro 8300S lies not only in its exceptional resolution but also in its unparalleled media compatibility, accommodating a wide range of lightweight and heavyweight stocks, reaching up to 350 gsm.

At the heart of AKEH Services is a dedicated team of approximately 10 well-trained graphic design and printing professionals. Their collective expertise ensures that AKEH Services consistently meets and exceeds customer expectations, delivering superior quality and quantity in printouts promptly, regardless of deadlines or circumstances.



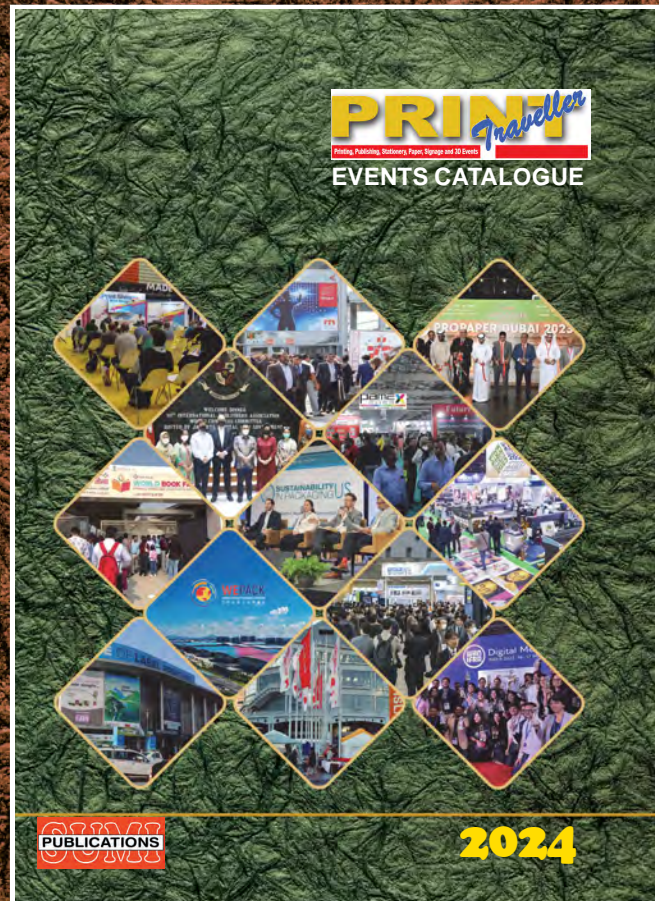
EVENTS CATALOGUE

Sumi Publications brings to you 'Print Traveller Events Catalogue 2024' (rebranded from Printers' Yearbook Events Catalogue), now in its 23rd year of publication. As always we hope to further improve and bring a more detailed edition for our readers.

The Calendar of Events is catalogued giving information of over 200 Printing, Packaging, Converting, Publishing, Signage, Paper and Stationery related, as well as 3D Printing events worldwide (Exhibitions and Conferences) with full communication data and colour logos.

Over 9000 copies (print and e-version) of the Events Catalogue are circulated among Senior Executives of the printing machinery manufacturers and suppliers, printers, publishers, paper manufacturers and others in the trade. It is also going to be available online and at major print events represented by Sumi Publications.

Use the Events Catalogue to not only keep abreast but also to be informed about several important industry events worldwide.



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Kolkata's Sarala Art Press ups production with second Ricoh Pro

Sarala Art Press, a complete graphic arts solutions provider in Kolkata has recently added a Ricoh Pro 8300S monochrome press to its fleet of equipment.

Ardhendu Sekhar Rao, owner of Sarala Art Press, says, "We are equipped with machines of almost all technologies comprising offset, digital large-format, screen, digital presses, and others to provide our customers everything they want. We indulge in printing and production of almost all graphic applications, from business cards up to digitally printed large-format promotional outdoor graphics, we are proud to provide everything for our customers who come to us from all over Kolkata as well as many other cities and towns of West Bengal and Eastern India."

Rao adds, "Our cordial partnership with Monotech Systems started around one decade or so ago. Since then we have



purchased quite a number of machines from them. This newly purchased Ricoh Pro 8300S digital monochrome production press is the second Ricoh Pro from them. This new monochrome press is complementing the formerly installed Ricoh Pro C5300S. Following the installation of the 8300S, we feel like fulfilling the increasing demands for short-run monochrome jobs of our customers to the fullest satisfaction. This digital press is indeed a robust machine

with advanced features."

Ricoh Pro 8300S is robustly engineered to run at the speed of 96 ppm (pages per minute). In addition, it prints monochrome documents in industry's leading 2400×4800 dpi resolution on a broad range of light and heavyweight stocks.

The press has been supplied by Monotech Systems, a leading machine manufacturer & one-stop solution provider for the printing & packaging industry globally.

Prinova Solutions elevates printing proficiency with HP Indigo 6K digital press

Prinova Solutions LLP has enhanced its digital printing capabilities with the introduction of the HP Indigo 6K Brand Protection Plus Digital Press at its facility in Chennai, Tamil Nadu. This strategic move is driven by the growing demand in the fast-moving consumer goods (FMCG) sector. The newly introduced digital press is specifically crafted to integrate secure printing technologies, effectively countering counterfeiting while simultaneously offering high-quality and adaptable custom printing through its single-pass productivity. This development positions Prinova Solutions to meet the evolving needs of the FMCG industry with cutting-edge digital printing solutions.

Atul Sonthalia, Partner at Prinova, highlighted the company's origins with the vision to address the market gap for short-run packaging solutions. He emphasized the commitment to providing customers with cutting-edge technology and impeccable service through a skilled team and top-tier equipment. Sonthalia stated, 'Our collaboration with HP and Technova signifies a

significant step towards digital and short-run packaging, as well as brand protection and anti-counterfeit solutions.'

The HP Indigo 6K Brand Protection Plus Digital Press stands out as a comprehensive end-to-end security solution, empowering brands to set themselves apart with exclusive anti-counterfeit labels, flexible packaging, folding cartons, and traceable stamps. This digital press is particularly tailored to address the counterfeiting challenges faced by brands, notably in industries such as food and beverage, nutraceuticals, cosmetics, and more.

Designed to enhance traceability on a variety of security substrates, including films and UV substrates, the press employs a secure black box

ecosystem for centralized management. The HP Indigo Secure system incorporates variable security inks like invisible, fluorescent, spot colors, and taggant inks. Additionally, it features advanced elements such as QR codes and digital watermarking, offering a flexible and multi-layered approach to counterfeiting for printers. This technology ensures that brands can implement robust security measures, safeguarding their products against unauthorized duplication and protecting consumer trust.

A Appadurai, Country Manager for Indigo and Inkjet Business Solutions at HP India, acknowledged their role as pioneers in digital press solutions, emphasizing the collaboration with Technova. He recognized the evolving

needs of customers in the rapidly growing digital printing for packaging industry. Appadurai highlighted the HP Indigo 6K Brand Protection Plus Press as the first of its kind in India, marking a significant milestone in brand protection. He expressed enthusiasm about witnessing Prinova's success with this innovative digital technology.



Aakar Printpack redefines print innovations with Ricoh

Dhule-based Aakar Printpack has invested in Ricoh Pro C7200x improving printing performance and excitedly increasing innovative print possibilities. The press has been supplied by Monotech Systems.

Ajay Sonawane, Proprietor, Aakar Printpack commented, "More than anything else, we enjoy playing around little creativity and adding a bit of innovation to print outputs that eventually make our customers thrilled for flaunting their end-products distinctively amid the crowds and competitors".

Aakar Printpack has been a popular player in commercial printing arena, offering diverse print applications such as marketing collateral, variable data

prints, fliers, corporate brochures and many others.

Sonawane adds, "Now, we redefine print innovations at a new level as our production facility is equipped with a fleet of high-end digital printing and finishing machines, which especially include the RICOH Pro C7200x from Monotech Systems. Thanks to this ground-breaking RICOH digital colour production press with advanced features! It has ultimately empowered us to heighten our capability to gratify our customers who constantly yearn for quality and innovation in print outputs."

"This Ricoh digital production press is really a game changer for us to meet our customers' growing demands for quality graphic prints. Earlier, we used



to run a Konica Minolta AcurioPress digital colour production press, which we have replaced with this ground-breaking RICOH Pro C7200x from Monotech Systems," mentions Mr Sonawane.

The company has chalked out expansion plans to acquire PixelGlow from Monotech for print enhancement with digital spot UV & foiling.

Sofine Color Lab in Nashik raises the bar in print quality with Ricoh

Nashik's Sofine Color Lab is making waves by installing the Ricoh Pro C9200 digital press to elevate print quality standards. This strategic move reflects Sofine Color Lab's commitment to delivering top-notch printing services and staying at the forefront of technological advancements in the industry.

Vikrant Sonavane, Proprietor, Sofine Color Lab, who is the third generation in the business, recalls that the company's establishment is dated back to India's Pre-Independence era. "It was in the year 1943, my great grandfather BK Sonavane, who was the first generation from the family in the business, switched to photography and opened a photo studio in the year 1957. The rest is a continuing journey,"

"Without doubt, addition of the new Ricoh Pro C9200 to our machine portfolio a few months ago has changed the way we used to manage quality in photo and commercial colour

graphics. This digital production press is undoubtedly the most proficient digital colour press we have ever owned. Following the installation of this Ricoh Graphic Arts Edition digital colour production press, we have increased our sheer capability to raise the print quality bar in photo and commercial printing," adds Vikrant.

Complementing this digital workhorse in the company's machine portfolio are some other high-end production machines comprising a jet varnishing system. Main end-products of Sofine Color Lab, apart from its foremost photo books and albums, consist of fancy wedding & greeting cards, stickers, labels, booklets, etc.

"Now, we receive tremendous positive feedback from a host of our customers with respect to quality in the overall digital prints we produce for them using the Ricoh Pro C9200," emphasises Vikrant.

The Ricoh digital colour production press is engineered with unconventional features that vanquish other presses in its class. It is capable to print vibrant graphics in resolution of 2400x4800 dpi on a range of lightweight and heavyweight media including super gloss, coated, thick cards, etc., up to 470 gsm at the speed of 115 ppm.

Praising the boost, they have achieved in digital printing because of the ability of Ricoh Pro C9200, Vikrant remarks, "We ideally bank on this new Ricoh digital press from Monotech Systems to meet the rightly demanding standards of our customers from different market segments and industrial clusters." He conclusively mentions that they truly oblige to Monotech Systems for the machine and after-sales service support they get whenever required, irrespective of time and circumstances.



Kolkata's Image Print boosts production with second Ricoh digital press

Kolkata based Image Print, engaged in production of commercial prints for corporate brochures, fliers, annual reports, etc., has installed the Ricoh Pro C5310S digital press to boost its production capacity.

Danish Rahman, Founder of Image Print says, "Installations of the Ricoh digital colour production presses from Monotech Systems have eventually upgraded our production facility to meet the increasing demands for premium commercial prints. Over the last few months, we received tremendous demands for digital prints from our customers. That's the reason why we have added the new Ricoh Pro C5310S, complementing the existing Ricoh Pro C7200x that has advanced and unique features like 5th Color Station and others."

"Our purchase of the Ricoh Pro C7200x from Monotech Systems in the early 2022 marked a big turning point for us as the digital press eventually turned us into a player now resiliently capable to fulfil high-quality and innovative graphic prints from our quality-conscious customers from different market segments and industrial clusters. When the demands from our customers surged, we took the decision of purchasing another digital production press from Monotech Systems and that's how we embarked upon the Ricoh Pro C5310S", he adds.

Ricoh Pro C5310S is capable to print brilliant graphics at the speed of 80 ppm (pages per minute). It can take up a broad range of media, lightweight as well as heavyweight, up to 360 gsm and paper sizes up to 13×19.2 inch at a resolution of 2400×4800 dpi.

He further mentions that the RICOH Pro digital production presses from Monotech Systems have become trusted companions for them to fulfil every demand, desire and volume of prints from their valued customers. Image Print boasts a league of corporate customers from different market and industrial domains. The league consists of big brands and eminent corporate biggies like Aditya Birla Group, SNJ Group, one of the main sponsors of Chennai Super Kings at Indian Premier League (IPL), to name a few.

Image Print's team of 15 highly proficient printing professionals feels fully empowered to produce any print quality and volume at any given time or circumstance.

Rahman also says "All our achievements today wouldn't have been possible without Monotech Systems and machines they supply to us with their all time after-sales service support. We look forward to strengthening this partnership in future with a lot more progressive developments on our digital printing front."



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Tokyo, Japan
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JTB Communication Design, Inc.
Celestine Shiba Mitsui Building,
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textile

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Exhibition for the digital and screen printing for the textiles industry
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Messe Frankfurt India
Email:
priyanka.pawar@india.messefrankfurt.com
Website: <https://www.screenprintexpo.com/index.php>



NY NOW*

The New York Gift + Home Show
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New York USA
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Emerald
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Website: www.nynow.com



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Email: marie@656editions.net
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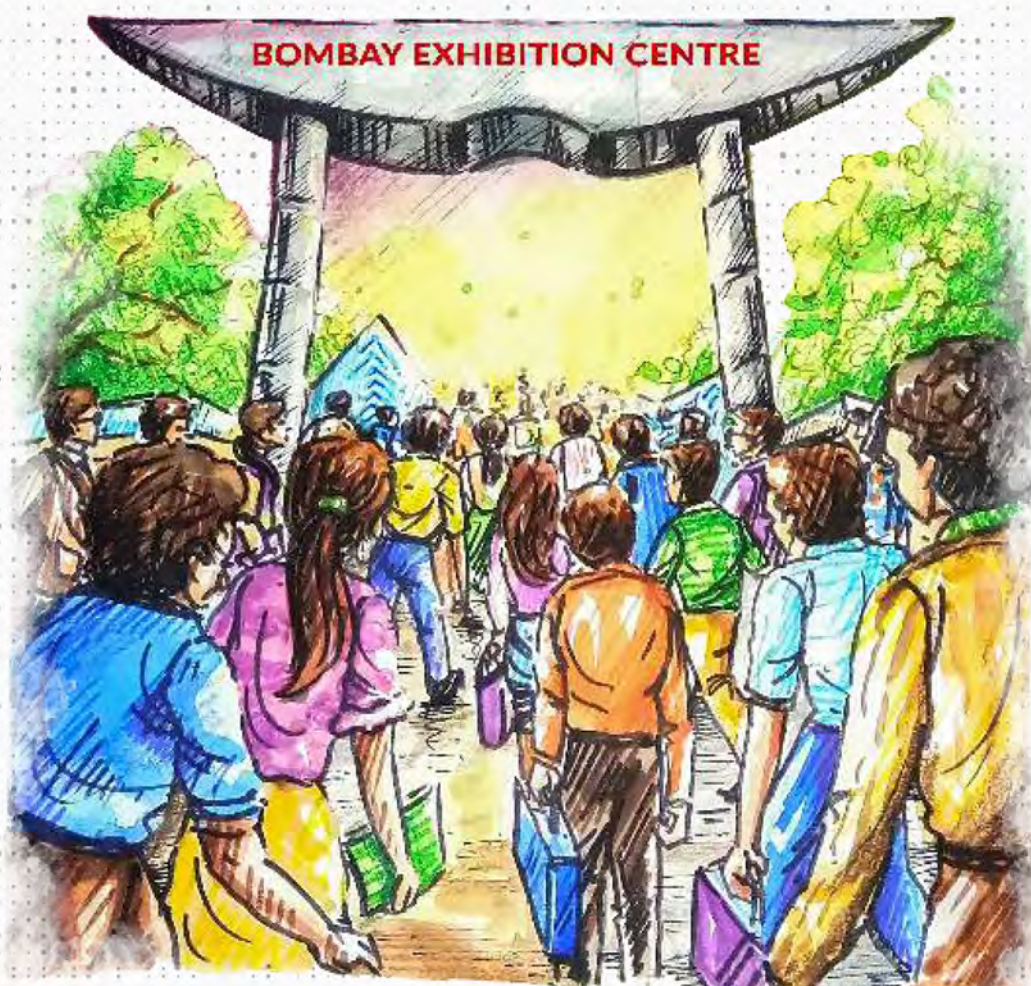


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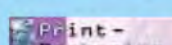


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