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Cover Story on page - 22



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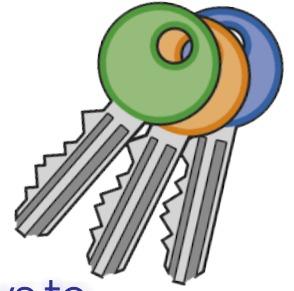
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3

keys to
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COLOUR MANAGEMENT,

MACHINE MAINTENANCE

**& PRINT HEAD REPAIR
TRAINING**

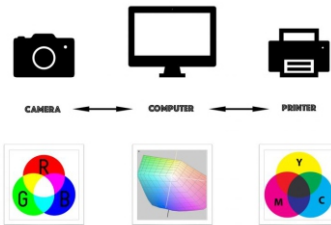
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As the business landscape in our industry keeps changing rapidly, we are focusing on **THREE KEY AREAS** we consider crucial to **THE SUCCESS, PROFITABILITY & SUSTAINABILITY OF ANY PRINT ORGANISATION.**

LEARN CUSTOMISED PRINT MACHINE OPERATION AND MAINTENANCE SKILLS FROM EXPERTS IN EUROPE



COLOUR MANAGEMENT

This bespoke Colour Management training is with course contents tailored to your level of knowledge, experience and ability - making sure you get the most out of the training that will extensively deal with ICC (International Colour Consortium) profile education for your particular device as well as basics of colour theory for RGB & CMYK; choosing ink & print process; and the principles of L*a*b according to the Commission Internationale de l'Eclairage (CIE) - all in a bid to help you identify colour inconsistencies for the best and cost-effective production workflow.

At the end of the practical Colour management training sessions, participants will be able to realistically perform colour simulation that can be applied across a workflow, allowing them to simulate print before committing. This exercise will not only save time throughout the design process but also cut down on wastage as colours will now be consistent and reliable.



MACHINE OPERATION & MAINTENANCE

This practical-oriented training will show how print machinery works, and the role of the maintenance in ensuring proper operation and print profitability. Emphasis will be on Stress is laid on operator's skill development as well as machine diagnosis and troubleshooting for practical expertise in maintenance procedures.

At the end, participants will be able to perform basic maintenance functions such as machinery mounting; balancing; lubrication; bearings; power transmission; shaft alignment; seals; condition monitoring; troubleshooting; safety etc



PRINTHEAD REPAIR

The printhead is a very sensitive, delicate and no doubt costly component of every printer that must be treated with the necessary care especially noting the fact that printhead is subject to wear and tear. This is why this hands-on training will show you recommended, yet practical steps to clean your print head; choosing the right media; how environmental conditions affect printheads; and OEM's endorsed printhead maintenance and repair procedures.

After the training, participants will be able to expertly maintain, repair, and prolong the service life of their printers' printheads. The aim of this skill acquisition is not only to improve operator's knowledge on printheads but most importantly empower them for added skills that would no doubt add value to our industry.



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Index



THIS IS THE BEST TIME TO BE HAPPY, JOYFUL AND CELEBRATE!

Page 9 >>



HP LAUNCHES ACF

Page 10 >>



CIPPO IMO STATE CHAPTER INAUGURATED

Page 14 >>



DESIGN GUIDE FOR CUSTOM MYLAR® BAGS

Page 20 >>



EMBRACING THE POWER OF COMMUNITY: A BRIGHT FUTURE FOR THE PRINT INDUSTRY

Page 22 >>



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Page 28 >>



PROPAK CAPE PUTS THE SPOTLIGHT ON THE IMPORTANCE OF PACKAGING PRINTING

Page 30 >>



QUALITY CONTROL IN ENSURING COLOUR ACCURACY AND SAFETY IN PROTECTIVE APPAREL

Page 36 >>

How to reach us

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- We are modeled to be principled, factual, balanced and fair in our editorials, reports and commentaries.
- We believe and accept that these principles and code of ethics form the basis of public trust and confidence.
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To Readers

By Joju Adekanbi | jojuadekanbi@yahoo.com | 0803 862 9114

THIS IS THE BEST TIME TO BE HAPPY, JOYFUL AND CELEBRATE!



#IPD23 | #PRINTCONNECTS INTERNATIONAL PRINT DAY

With so much going on in the world coupled with challenges in life, one may be discouraged but I tell you - this is the best time to be happy, joyful and celebrate!

According to Advice Columnist - **Mary Hunt**, celebration is one of the most important ways that we express gratitude because celebration is gratitude in action. Celebration - like rest, seat belts, and green leafy vegetables - is good for us! Why? Amongst others, celebration is good for your health; it heals; it creates a circle of love; it moves us from fear to faith; and it shifts us from tired to inspire to conquer! So, when we celebrate, we generate momentum for future efforts. In a

nutshell, celebration paves the way for future successes.

For us at **WHERE To Print magazine**, there are so many reasons to celebrate even being alive and well with loved ones. Coincidentally, a day in this month is the **International Print Day (#IPD23)** - dedicated to appreciate the power and impact of print around the world. So, join us on **October 25, 2023** to celebrate International Print Day 2023!



To mark the day, there's **International Print Day 2023 Online Conference**. Go to www.internationalprintday.org and register for FREE to participate. As you participate, you're not only declaring your love for print, your participation in 24 hours of global knowledge sharing through social media will help print grow sustainably. Note that **#PrintConnects** is the theme for 2023. Fill in what 'print connects' means to you, take a pic, and share it on social media including #IPD23 and #PrintConnects. Share the poster with your print customers, students, and print enthusiasts around the world. Help print trend the planet!

BACK TO 86TH EDITION

We start with the post show reports of two major print & related events in this edition's **SPECIAL FEATURE ARTICLES**. First off is the region's biggest and largest exhibition for the packaging, plastics, printing and



processing industries staged in Lagos, Nigeria - **PROPAK West Africa 2023**. Celebrating its decennial edition, we bring you why **"PROPAK WEST AFRICA CONTINUES TO BE AN INFLUENTIAL AND EFFECTIVE PLATFORM FOR BOTH COMPANIES LOOKING TO ESTABLISH AND**

Continued on page 10 >>

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DEVELOP THEIR FOOTPRINTS IN THE REGION". Check this out in the article which starts on page 16 and ends on page 19 - then move to pages 28 and 29 for the post event report of the 8th Paper Week Symposium in Çe me, Türkiye labeled: **A GLOBAL GATHERING OF THE PRIVILEGED PAPER INDUSTRY LEADERS.**

As other major international industry related events continues this month, we also bring you **SPECIAL FEATURE ARTICLES** as a trailer of what you should expect at the shows to help in your planning purposes. Flip over to pages 30 and 31 to discover what **PROPAK Cape** has in stock for practitioners in the article aptly captioned: **PROPAK CAPE PUTS THE SPOTLIGHT ON THE IMPORTANCE OF PACKAGING PRINTING** after which you can we preview (to conclude the series) why North America's most dynamic and comprehensive printing event - **PRINTING UNITED EXPO 2023 TO BE THE BIGGEST SHOW EVER.**

While we have other **SPECIAL**

FEATURE ARTICLES to help aid your print purchase decisions such as **DESIGN GUIDE FOR CUSTOM MYLAR® BAGS** (on pages 20 & 21) and **QUALITY CONTROL IN ENSURING COLOUR ACCURACY AND SAFETY IN PROTECTIVE APPAREL** (on pages 36 & 37), we also culled an educative tête-à-tête of **Mercongraphic Nig. LTD Country Manager** in Nigeria - **Mr. Anil Rai** from **PROPAK West Africa DAILY** (published by **WHERE To Print magazine**) where he reassures the company's clientele base in West Africa: **"WE ARE COMMITTED TO OFFERING COMPETITIVE PRICING, CUTTING-EDGE TECHNOLOGY, AND EXTENDED WARRANTIES TO ENSURE UTMOST CUSTOMER SATISFACTION FOR OUR VALUED CLIENTS".** Please read excerpt of the **SPECIAL FEATURE INTERVIEW** on page 26.

Characteristically, we also bring you latest news, product launches and industry events both within Nigeria and around the world respectively in our

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PRINT IMPACT AROUND NIGERIA pages that start from page 10 and **PRINT IMPACT AROUND THE WORLD** (from page 12).

And lastly, our **COVER STORY** in this edition titled: **EMBRACING THE POWER OF COMMUNITY: A BRIGHT FUTURE FOR THE PRINT INDUSTRY** culled from **drupa Essentials of Print** and written by **Peter van Teeseling** reaffirms my earlier note

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that this is the best time to be happy, joyful and celebrate as the article further invites you to discover the power and joy of community connection and collaboration.

In all, always have a grateful heart as you continue to do good!

Print impact around Nigeria Stories by Precious Ajuonuma & Joju Adekanbi
HP LAUNCHES ACF



Multinational information technology company - **Hewlett-Packard**, commonly shortened to HP has unveiled an Anti-Counterfeiting and Fraud Programme (ACF) in Africa.

Aimed at combatting the spread of counterfeit (fake) products which impacts economic growth of legitimate businesses and consumers through lost revenue, downtime, and replacement costs, programme's objective was also to protect HP's customers and sales channel to ensure original products are in circulation by auditing its official partners stock against customers' deliveries.

According to HP OPS Category Manager, East and Central Africa - Mr. Talal



(Fawze) Akar, the company has supported Nigerian law enforcement authorities such as the Police and the Nigerian Customs to confiscate around 167,000 illicit items; "Another vital part of this programme is to raise awareness and involve important stakeholders. This includes educating our partners and

customers on how to distinguish the original products from the fake. This crucial information enables our loyal customers with insights on how the counterfeit products can affect the quality, productivity and security of an end-user's device or business

ecosystem" noted Mr. Akar.

HP ACF (Anti-Counterfeiting and Fraud Programme) thus reinforces HP commitment to ethical business practices as she effortlessly strive to protect her brand while upholding her responsibility to the society and the environment.

Continued on page 14 >>

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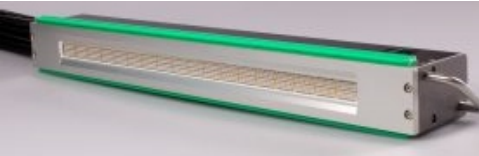


Fujifilm has launched LuXtreme, a new LED UV curing system that allows any traditional flexographic press to be converted to LED UV curing, resulting in enhanced label production on a narrow web press.

LuXtreme Housing

LuXtreme offers high speeds of up to 200m/min, along with better substrate stability, resulting in enhanced productivity for printers. Additionally, the system offers 30-50% higher radiant intensity than competitive LED curing systems, up to 25W/cm².

The system uses 30-60% fewer LED lamps to achieve the same radiant intensity as other comparable systems. This results in better registration and less material distortion, improving the overall quality of printed materials. The energy savings this offers compared to conventional UV systems, as well as competitive LED curing systems, are significant, with both material usage and waste also significantly reduced, enhancing overall productivity and making the system a highly sustainable mercury-free solution.



LuXtreme Lamp

Due to the reductions in power required for the LED UV lamps, cost savings can be made across the production process. Additionally, the lower maintenance, downtime and make-ready times required to support the system also lead to a lower number of replacement parts required over its lifecycle, and lower associated labour costs.

The working environment for operators is also improved, with many undesirable factors eliminated or reduced, including heat from conventional UV and air-cooled LED lamps, ambient noise and odours. The system offers up to 50,000 hours LED life and up to a 720mm lamp length, scalable in 24mm steps. An LED adaptor allows easy integration on to existing mountings.

KONICA MINOLTA UPGRADES MONO PORTFOLIO



KONICA MINOLTA



* The AccurioPress 7136 series.

Konica Minolta has enhanced its monochrome portfolio of digital printers with the **new AccurioPress 7136 series**. Like its predecessor, the AccurioPress 7136 series can produce a monthly peak volume of up to 3.24 million A4 pages.

The series consists of three models: AccurioPress 7136, AccurioPress 7136P, and AccurioPress 7120. Each is said to enhance job capacity, reliability, and flexibility while enabling users to broaden their application possibilities. They also offer improved automation and greater production flexibility with A3 and other varied types of paper.

The machines have replaced the existing AccurioPress 6136 series and share the same market positioning as those devices did. These machines were developed to help commercial printers, print-for-pay services, and central in-house printing facilities expand their businesses and improve their operational efficiency. Again, they have high media flexibility thus suitable for wide range of media types including coated and embossed paper from 40 to 350gsm.

Continued on page 13 >>

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Print Impact Around the World

HEIDELBERG UNVEILS NEW HEIDELBERG GENERATION OF VERSAFIRES



*The Versafire LP and LV

Heidelberg has unveiled the latest models in its Versafire range - the **LP** and **LV** replacing 2018's EP and EV machines.

The two toner presses have been designed to run alongside existing offset production lines, with the ability to switch output from offset to the Versafire presses in seconds. The connection to printers' existing workflow is powered by an enhanced version of Heidelberg's Prinect Digital Frontend (DFE), which Heidelberg has tailored towards offset printers' digital needs.

The presses, both capable of 2,400x4,800dpi, have automatic inline registration, calibration, and colour control, and can be refilled with toner and paper while in operation.

The Versafire LP, which takes up the production toner press mantle from the EP, can run at the same top speed of up to 4,500sph in A3, or 8,100 at A4, taking it to a monthly maximum volume of around 1.3 million simplex A3 sheets. Like its predecessor, it runs in CMYK only, and can handle sheets up to 1,030x330mm in duplex, and banners up to 1,260mm in simplex, though can handle heavier stocks than the EP at 470gsm, compared to 450.

The LV, replacing Heidelberg's creative print EV, has been equipped with the same CMYK+1 configuration as the previous model. The fifth inking unit can be used for seven different spot colours, allowing for a flexible approach. Speeds on the LV are a little slower than the LP, with a top speed of 3,180 A3 sph, or 5,700 at A4, commensurate with the EV's top production speeds.

MUTOH AMERICA INTRODUCES THE VALUEJET 628MP MULTI-PURPOSE PRINTER



MUTOH America has announced the launch of its new 24" wide multi-purpose inkjet printer, the **ValueJet 628MP**. This new reliable printer has been improved with enhanced capabilities including the use of MP31 ink, which delivers exceptional prints on a wide variety of substrates.

MP31 ink is equivalent to eco-solvent ink in weather resistance, abrasion resistance, and color development while providing a smooth, natural finish that brings out the natural appearance of the substrates.

The ValueJet 628MP with MUTOH's MP31 ink combination caters to a wide spectrum of needs, including high-mix low-volume production, making it perfect for crafting gifts, and novelties, as well as package prototypes, shrink wrap proofing, labels, and more. Its compact design and unique printing capabilities open doors to fresh, creative possibilities, delivering reliable and consistent prints. These new enhancements made to the ValueJet 628MP bring forward new print possibilities to its users.

KOENIG & BAUER ENTERS INTO PARTNERSHIP WITH VERACITY PROTOCOL KOENIG & BAUER



Following the successful introduction of authentication solutions, Koenig & Bauer is continuing on the path to further digital innovations in the high-security sector. By entering into a partnership with Veracity Protocol, Koenig & Bauer is pursuing the goal of being able to jointly develop solutions for authenticating any type of printed product without the need to add features.

Every product - whether printed or not - has certain features on its surface. These are comparable to a human fingerprint, facial biometrics or an iris scan. Images of products can be used to generate descriptive models by now. This so-called feature extraction enables a special form of security, as it is based on the unchanging microstructure of the product (Physical Code™). It also opens up various possibilities, such as tamper-proof brand protection, innovative solutions for customer-product interaction, non-invasive methods for the supply chain and item tracking, or the implementation of the digital product passport vision and new forensic authentication standards.

This enables users to track the identity, authenticity and quality of physical objects. This is made possible by linking physical products with their digital identity: a digital fingerprint is scanned using computer vision and neural networks, protecting companies, people and their assets in the digital world in a non-invasive, sustainable and cost-effective way.

With the partnership now concluded, the two companies are combining their strengths and expertise: Veracity Protocol's innovative technology and Koenig & Bauer's decades of experience in developing printing presses for virtually all substrates. The common goal is to develop customized solutions for packaging, security documents and banknotes, among other things. This is to realize the vision that any product can be "secured on print" without changing the product design or disrupting the production process.

MIMAKI LAUNCHES NEW UV ROLL-TO-ROLL PRINTERS TO OFFER SUSTAINABLE SOLUTIONS THAT DELIVER PRODUCTIVITY, PROFITABILITY AND VERSATILITY



Leading provider of industrial inkjet printers, cutting plotters, and 3D printers - Mimaki Europe has announced the launch of two new UV technology solutions that extend the company's popular 100 and 330 series product ranges – the **UJV100-160Plus** and the **UCJV330-160**.

The new UV printers enable numerous production benefits, provide customers with increased opportunities to extend their application range, whilst also bringing more renowned, Mimaki UV technology to market to support a more sustainable future for the industry.

As trailblazers in UV inkjet printing, Mimaki launched the world's first UV printer with white ink in 2004 and has continued to expand and develop UV technologies that enable versatile, high quality sign graphics printing. The introduction of its entry-level 100 series and its more advanced 330 series printer range took Mimaki's established technology platforms and applied these robust technologies to the needs of different market sectors and customers at different stages of their digital print business journey.

Today, with a strong commitment to sustainable print production and the UV printing process perfectly aligned with this goal, Mimaki has added a UV technology solution to its 330 series and developed an enhanced UV model within its 100 series.

The new UV print solutions are also compatible with Mimaki's new cloud-based printer status monitoring tool for all Mimaki products – PICT. Available for customers to download, PICT has been designed to improve the efficiency of Mimaki customers' print operations and production management by giving them the power to monitor the operational status and performance of their printers from a PC or mobile device. The printer operation and ink usage results are captured for each Mimaki printer in production or within designated groups, providing customers with improved ink inventory management and maintenance and production planning.

Continued on page 32 >>



CIPPON IMO STATE CHAPTER INAUGURATED



The induction and presentation of professional licenses to registered members of Chartered Institute of Professional Printers of Nigeria (CIPPON) Owerri Imo State Chapter has been successfully carried out by Mr. 'Niyi Adesoye led CIPPON Council faction.

The event which was held on Saturday October 7, 2023 at Events Centre Uzii, Mbaise Road, Owerri was attended by both dignitaries and print professionals in the State.

WHERE To Print brings you memorable pictures from the inauguration...



Continued on page 15 >>



Do You want a **MENTOR** dedicated to help **GROW** your **DREAM?**



ASABA 2023 IN IMAGES

While it's no longer news that the next Annual General Meeting (AGM) of Mr. 'Niyi Adesoye led faction of Chartered Institute of Professional Printers of Nigeria (CIPPON) will be held at the nation's capital - FCT Abuja, **WHERE To Print** however brings you pictorial news of the much talked about first AGM & Award Dinner held in Asaba the Delta State capital tagged '**ASABA 2023**':



"PROPAK WEST AFRICA CONTINUES TO BE AN INFLUENTIAL AND EFFECTIVE PLATFORM FOR BOTH COMPANIES LOOKING TO ESTABLISH AND DEVELOP THEIR FOOTPRINTS IN THE REGION"

Last month, **PROPAK West Africa** returned to Lagos, Nigeria for its highly anticipated **10th edition**, welcoming **4,931 industry stakeholders** through the doors to visit **152 exhibitor stands**, showcasing the newest innovations from **over 200 brands** along with exciting live demonstrations of the latest equipment in action on the exhibition floor. Find out more from official post show report released by organiser - **Afroacet Montgomery**:



This year's edition, marking 10 years of **PROPAK West Africa** took place from **12 to 14 September 2023**, saw industry professionals from across the packaging, plastics, printing and food processing industries unite under one roof to source the latest products and solutions to take their supply chain to the next level.

This year's event was opened by welcome remarks from **Marilyn Obaisa-Osula**, Associate Director, ESG/Sustainability at **KPMG** in Nigeria, **Aruna Oshiolemele**, Managing Director at **Tetra Pak West Africa** and **Segun Ajayi-Kadir**, Director General at **Manufacturers Association of Nigeria (MAN)** alongside an official introduction and address from **George Pearson**, Regional Director of **Afroacet Montgomery**.



L-R: Regional Director, Afroacet Montgomery, **George Pearson**; Partner & Head, Enterprise Risk Services & Environmental, Social and Governance (ESG), KPMG Nigeria, **Tomi Adepoju**; Managing Director, Tetra Pak West Africa, **Aruna Oshiolemele**; Associate Director, KPMG Nigeria, **Marilyn Obaisa-Osula**; Director General, Manufacturers Association of Nigeria, **Segun Ajayi-Kadir** during the opening media briefing of the 10th edition of PROPAK West Africa 2023 International Conference and Exhibition in Lagos.

The exhibition halls were packed out with brands from all corners of the globe represented, international exhibitors included: Alps Machine, Coperion, Dura Impex, Galaxy Sivtek, Hilda Automation, Illinois Enterprises Co., Miele, Neofyton, Reifenhäuser, Serac, Stavian and Transworld Multipurpose Industries to name just a few. Organisers were also thrilled to receive much support from the local market with many

leading suppliers present including ADECO, Ayush, Beaumont Industrial Services, Boustani & Partners, CIS Buro, Esspak, Integrated Power Technologies Ltd, Mercongraphic, Msquare and Scube, Newlord Nigeria, Pacegate, Process & Packaging, Samtech, Teknited, Vista and Volpak among many others.



Continued on page 17 >>

Onsite, at this year's special edition of PROPAK West Africa, George Pearson said: "As organisers we are thrilled PROPAK West Africa has reached the 10-year milestone. Since its launch, PROPAK West Africa has firmly established its status as the leading platform for local and international suppliers to meet, network, and do business with the biggest names in manufacturing in the West African region. From its humble beginnings back in 2012, the exhibition has seen the overall size increase by over 300%, a testament to how PROPAK West Africa continues to be an influential and effective platform for both companies looking to establish and develop their footprints in the region".



Once again, the high-level conference programme returned to PROPAK this year with Organisers thrilled to have partnered with KPMG Nigeria as well as Institute of Packaging Nigeria in assembling a 2-day conference agenda which saw an esteemed line-up of speakers take the stage to share their expert knowledge and insight on the future of packaging and key market trends to watch out for in a series of presentations and panel discussions.
PROPAK West Africa 2023

certainly proved to be an unforgettable event; with such a positive reception from the industries in the region, attendees and exhibitors alike were overwhelmingly pleased with the event. Organisers were also thrilled to have been able to celebrate a decade of PROPAK with such a successful event demonstrating the platform's retained importance for the manufacturing sectors in West Africa.

This year's exhibition saw a fantastic onsite rebooking of 65% of the exhibition floorspace sold, which is an excellent indicator for exhibitor's expectations of continued success at PROPAK West Africa's return in 2024 on 10 to 12 September. Organisers are looking forward to welcoming back the industries next year, with the event well on course for further growth.

See you in 2024!

For further information on next year's event and where your company could fit in, do visit the website or get in touch today @ www.propakwestafrica.com



#PROPAKWESTAFRICA
www.wheretoprintmagazine.com



Do You need an holistic **GUIDE** through your **GRAPHIC CAREER?**





Continued on page 19 >>



where to print

MENTORSHIP PARTICIPANTS' BENEFITS

1. Academy - free & highly subsidized print & allied training.
2. Tool - free access to resource Material online.
3. 24/7 access to mentor subject to mentors - subject to availability.
4. Industry events - free entry to industry exhibitions, workshops, seminars etc
5. Participation in Business, Setup, Design etc competition with funding.
6. Evening Dinner with Investor/Mentor.
8. Booth Camp/ Boat Cruise exclusivity .

MENTORS' / INVESTORS' BENEFITS

1. Pool of talents to choose from/employ.
2. Great companies to invest in.
3. Free - Reseach/ feasibility studies/ statistics of industry to aid print business purchase decisions.





DESIGN GUIDE FOR CUSTOM MYLAR® BAGS



Creating customized packaging is crucial for conveying your brand's identity and message. Envision your brand's story unfolding on the canvas of custom Mylar® bags. This COVER STORY culled from www.epac.com walks you through the practical steps of designing custom Mylar® bags that not only captivate visually but also authentically represent your brand. Let's dive in and transform your packaging ideas into reality.



WHAT ARE MYLAR® BAGS?

Before we dive into the design process, let's understand what Mylar® bags are. Mylar® bags, also known as foil bags, are versatile packaging solutions made from a type of polyester film known as Mylar®. Mylar® bags serve as a versatile canvas for showcasing your creativity and establishing brand recognition. These bags possess exceptional barrier properties, making them ideal for preserving the freshness and quality of products. The reflective

nature of Mylar® also adds a touch of elegance to your packaging.

BENEFITS OF MYLAR® BAGS

Custom Mylar® bags offer a plethora of benefits beyond their aesthetic appeal:

- **Freshness Preservation:** Mylar®'s exceptional barrier properties protect your products from external elements that could compromise their freshness

and quality.

- **Versatility:** Mylar® bags are available in various sizes, shapes, and styles, allowing you to tailor the packaging to the specific needs of your products.
- **Branding Power:** Your packaging is a visual touchpoint for your brand. Custom Mylar® bags provide a canvas to showcase your brand's identity and values.
- **Extended Shelf Life:** By preserving the integrity of your products, Mylar® bags contribute to extending the shelf life of your goods.
- **Sustainability:** Mylar® bags can be designed with sustainability in mind, using eco-friendly materials and promoting responsible packaging practices.
- **Visual Impact:** Custom Mylar® bags have the power to capture attention and leave a lasting impression on consumers. A well-designed package can pique curiosity and draw consumers in, sparking a connection with your brand.
- **Differentiation:** In a sea of products, custom Mylar® bags offer a unique way to stand out. By crafting a design that reflects your brand's distinctiveness, you create a memorable presence on store shelves and online platforms.
- **Consumer Experience:** Your packaging is often the first tactile interaction consumers have with your brand. Custom Mylar® bags can enhance this experience, creating anticipation and excitement around opening the package. **Continued on page 21 >>**



CUSTOMIZING YOUR MYLAR® BAGS: THE DESIGN JOURNEY

• Design & Branding

Your journey begins with a clear vision of your brand's identity. Consider your brand's personality, values, and target audience. Your packaging design should be a visual extension of these elements. Is your brand playful and vibrant, or does it exude elegance and sophistication? Every design choice should reflect your brand's essence.

• Custom Printing Options

Once you've defined your brand's visual language, it's time to explore custom printing options. From vibrant colours to intricate patterns, modern printing techniques allow for stunning results. Do you want a full-colour design that covers the entire bag, or do you prefer a minimalist approach with a strategic logo placement? The choice is yours.

• Custom Size & Shape

The beauty of custom Mylar® bags lies in their adaptability. Consider the size and shape that best suits your products. Whether you need pouches, stand-up bags, or something entirely unique, custom Mylar® bags can be tailored to your specifications. The size and shape not only impact aesthetics but also functionality and shelf presence.

CRAFTING AN IRRESISTIBLE DESIGN: TIPS AND CONSIDERATIONS

• Simplicity Speaks

Volumes: While it's tempting to go all-out with intricate designs, simplicity can often be more powerful. A clear well-organized design



can convey your brand's message effectively.

• **Colours and Emotions:** Colours evoke emotions and associations. Choose a colour palette that aligns with your brand's identity and resonates with your target audience.

• **Typography Matters:** The font you choose can subtly communicate your brand's personality. Playful fonts convey a different message than sleek, modern ones.

• **Visual Hierarchy:** Guide the viewer's eye through your design with a clear visual hierarchy. Highlight key information and elements that you want to stand out.

• **Consistency is Key:** Ensure that your packaging design is consistent with your overall branding strategy. From colours to logo placement, consistency creates a cohesive brand image.

BRINGING YOUR DESIGN TO LIFE

Collaboration: Work closely with your design team, whether in-house or external, to communicate your vision, values, and preferences.

Prototyping: Before committing to a full production run, consider creating prototypes to visualize how your design will look on the final product.

Feedback Loop: Involve key stakeholders and gather feedback on the design. This interactive process ensures that the final design is aligned with your brand's goals.



CONCLUSION: UNVEILING YOUR BRAND THROUGH DESIGN

As you embark on the journey of designing custom Mylar® bags, remember that every design choice is an opportunity to showcase your brand's essence. From the colour palette to the typography, each element weaves together to create a visual narrative that resonates with consumers. By partnering with experts like ePac and investing in the design process, you're not just creating packaging – you're crafting a vessel that carries your brand's story. With every custom Mylar® bag, you're inviting consumers to dive into your world, experience your products, and become a part of your brand's journey. With creativity, strategy, and a touch of magic, your packaging can become a reflection of your brand's identity and a gateway to unforgettable consumer experiences.

© adapted from www.epac.com

About ePac's In-House Design Services: Your Creative Partner

Designing custom Mylar® bags might seem like a daunting task, but you're not alone on this journey. ePac offers in-house design services that can transform your vision into reality. ePac team of design agency understands the intricacies of packaging design and can guide you through every step of the process. From conceptualization to final artwork, ePac is here to ensure that your custom Mylar® bags capture the essence of your brand.



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GRAPHIC

COMMUNITY

by

BOOSTING

the morale of

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EMBRACING THE POWER OF COMMUNITY: A BRIGHT FUTURE FOR THE PRINT INDUSTRY



Every day, in every global region, there are digital print industry innovators who want to do more than just advance their companies and their customers. They also want to advance the industry, and to spread print's remarkable impact on the world. In this **COVER STORY** culled from **drupa Essentials of Print** and written by **Peter van Teeseling**, we invite you to discover the power and joy of community connection and collaboration.

In the ever-evolving landscape of the print industry, thriving communities of print professionals are helping to shape the positive future of print. As Executive Director of Dscoop, I've had a front-row seat to the power and joy of community connection and collaboration. Every day, in every global region, there are digital print industry innovators who want to do more than just advance their companies and their customers. They want to advance the industry, and to spread print's remarkable impact on the world.

We are not alone, and it's inspiring to me every time I hear about a large or small print community forming or growing. There's real value anytime a participant gains access to new strategies, tools, connections and business opportunities. The print world is about to see and feel that amazing spirit of community and advancement at drupa.



A HAVEN OF KNOWLEDGE, COLLABORATION AND INSPIRATION

The pace of change in today's world has never been more rapid, and the need to network and communicate in the inter-connected

global economy has never been more important.

Within the print community today, like-minded

individuals are gathering to share triumphs and challenges, exchanging valuable insights and best practices. The community becomes a catalyst for personal and professional growth, where seasoned professionals become mentors, guiding and nurturing the next generation of print industry leaders.

At the same time, novices have the opportunity to learn from the masters, honing their skills and expanding their **Continued on page 23 >>**



EMBRACING THE POWER OF COMMUNITY: A BRIGHT FUTURE FOR THE PRINT INDUSTRY

horizons. Together, they create a language that combines technical expertise, creative finesse and a deep understanding of the print process.

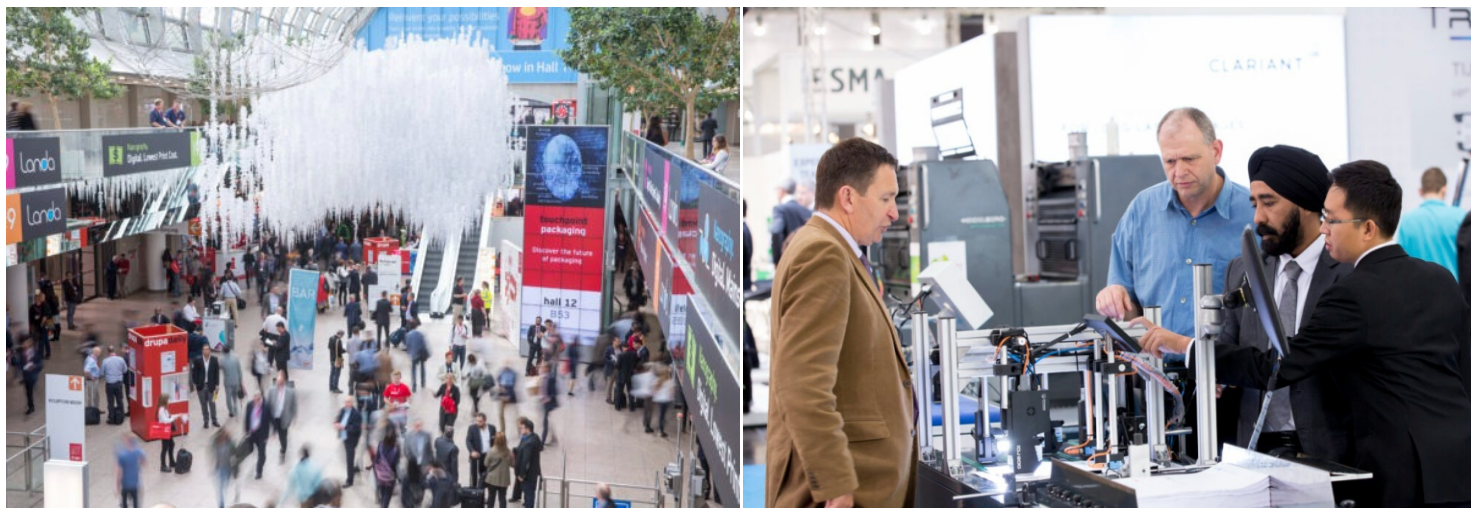
THE BENEFITS OF A PRINT INDUSTRY ECOSYSTEM

Being part of a print industry community like Dscoop, drupa and others opens up countless advantages such as:

- Access to a vast pool of talent and resources means new opportunities and collaborations.
- Staying updated with the latest trends, technologies and market shifts keeps businesses at the forefront of the industry.
- Access to a network of colleagues who understand their journey. It takes one text or phone call to another trusted

member of the network, and instantly there's insight into a challenge or progress toward a solution.

- However, perhaps the greatest benefit is the sense of belonging and shared purpose. The print community is a testament to the enduring legacy of the industry, a place where progress and innovation are nurtured.



Continued on page 24 >>



EMBRACING THE POWER OF COMMUNITY: A BRIGHT FUTURE FOR THE PRINT INDUSTRY

THE GRAND CELEBRATION OF PRINT: DRUPA

The pinnacle of the print industry's collective spirit is the world-renowned print show called drupa. Held every four years, this grand exhibition brings together print professionals from every corner of the globe.

At drupa, printers witness the marvels of cutting-edge technology and the limitless possibilities of print. They absorb insights from industry experts, marvel at mesmerizing machinery, and forge connections with potential collaborators and clients. The event is a true celebration of the vibrant print community, where ideas collide and partnerships form.

5 MOVES WE ALL CAN MAKE

The first couple of years of this decade were about adapting – to changing market dynamics and a global pandemic. Together as an industry, let's make the next couple of years about advancing. With a sense of community as our guide, let's accelerate and innovate in new ways for our clients.

Here are five steps printers can take:

1. **Actively participate and engage in knowledge-sharing communities, both online and in-person. Find a group close to you. This can be a specific community or group like Dscoop or Finat, or more general like drupa.**
2. **Share your expertise, ask questions and learn from others.**
3. **Seek out networking opportunities at trade shows, conferences and local meetups to explore collaborative projects and partnerships.**
4. **Engage in conversations, share your ideas and embrace the power of collaboration.**
5. **Leverage the support system within the community by joining associations, participating in mentorship programs and offering assistance to fellow professionals.**

As print professionals, we have an incredible ability and responsibility to make a difference to customers. We have inspiring technology. We have talented people. We have infectious energy. Let's make sure we also have each other.

© culled from www.drupa.com



May 28-
June 7, 2024
Düsseldorf/
Germany
www.drupa.com

About PETER VAN TEESELING



Peter Van Teeeling is the Executive Director at Dscoop, the leading global graphic arts print community. With a passion for print and innovation, he serves as a connector, facilitating #printhacking and fostering collaboration within the industry, driving its growth and advancement. Prior to this, he held various positions at different companies including Ambassadeur voor The Janeway

Professional School, Managing Director at GISTICS Incorporated, and Principal EU at DAM Education. Peter has also been involved with InnovatieBroedplaats as a Co-Founder and Voorzitter at CMBO. Peter has a wealth of experience as expert in digital and cross media communication.



PRINT & ALLIED EXHIBITIONS FOR 2024

S/N	EXHIBITION	LOCATION	DATE	
1	PSI 2024	Messe Dusseldorf, Germany	9 - 11 January 2024	
2	FESPA MIDDLE EAST 2024	Dubai, UAE	29 - 31 January 2024	
3	PAMEX INDIA 2024	Bombay Exhibition Centre, Goregaon Mumbai, India	6 - 9 February 2024	
4	SIGN & DIGITAL UK 2024	NEC Birmingham, United Kingdom	27 - 29 February 2024	
5	PRINTING SOUTH CHINA 2024	Area A, China Import and Export Fair Complex, Guangzhou, P.R. China	3 - 6 March, 2024	
6	PROPAK EAST AFRICA 2024	The Sarit Exhibition Center, Nairobi, Kenya	12 - 14 March, 2024	
7	PAPER ONE SHOW 2024	Expo Center, Sharjah United Arab Emirates	16 - 18 April, 2024	
8	ISA - INTERNATIONAL SIGN EXPO 2024	Las Vegas Convention Center, Las Vegas NV USA	12 - 14 April, 2024	
9	PROPAK GHANA 2024	The Grand Arena, Accra International Convention Center, Accra, Ghana	23 - 25 April, 2024	
10	SIGN AFRICA DURBAN 2024	Durban International Convention Center, Durban South Africa	TBC	
11	FESPA GLOBAL PRINT EXPO 2024	RAI Amsterdam, Netherlands	19 - 22 March 2024	
12	SIGN AFRICA CAPE TOWN 2024	Cape Town International Convention Center, Cape Town South Africa	TBC	
13	DRUPA 2024	Messe Dusseldorf, Germany	May 28 to June 7, 2024	
14	GRAPHICS PRO EXPO (GPX) 2024	Long Beach Convention & Entertainment Center with WRAPSCON, Long Beach, CA USA	13 - 15 June, 2024 Education Classes start: June 12	
15	GRAPHICS PRO EXPO (GPX) 2024	Greater Philadelphia Expo Center, Greater Philadelphia (Oaks), PA USA	10 - 12 July, 2024 Education Classes start: July 9	
16	SIGN AFRICA/ FESPA AFRICA 2024	Gallagher Convention Center, Midrand Johannesburg, South Africa	TBC	
17	PROPAK WEST AFRICA 2024	Landmark Center, Lagos, Nigeria	TBC	
18	PRINTING UNITED EXPO 2024	Las Vegas Convention Center, Las Vegas NV, United States	10 - 12 September 2024	
19	LABEL EXPO AMERICAS 2024	Donald E. Stephens Convention Center, Chicago Illinois, United States	10 - 12 September 2024	
20	GRAPHICS PRO EXPO (GPX) 2024	Indiana Convention Center, Indianapolis, IN	3 - 5 October, 2024 Education Classes start: October 2	
21	PACK EXPO INTERNATIONAL 2024	McCormick Place, Chicago Illinois, United States	3 - 6 November 2024	
22	GRAPHICS PRO EXPO (GPX) 2024	Charlotte Convention Center, Charlotte NC	7 - 9 November, 2024 Education Classes start: November 6	

NOTE:

- Contact **NUMBERS CMYK LIMITED** (publishers of **WHERE To Print magazine**, **PROPAK West Africa DAILY**, **PROPAK East Africa DAILY** and **PROPAK GHANA DAILY**) for professionally packaged Official Delegation to the above shows.
- Exhibition date and venue may change at Organiser's discretion.





"WE ARE COMMITTED TO OFFERING COMPETITIVE PRICING, CUTTING-EDGE TECHNOLOGY, AND EXTENDED WARRANTIES TO ENSURE UTMOST CUSTOMER SATISFACTION FOR OUR VALUED CLIENTS"

Mercongraphic Nig. LTD is the associate office of Mercongraphic FZC, Sharjah, UAE. The company is involved in the Marketing, Sales and Servicing business of various machines and equipment used in the Printing & Packaging Industries. In this tête-à-tête with **Country Manager** in Nigeria - **Mr. Anil Rai**, at this edition's decennial **PROPAK West Africa 2023** in Lagos Nigeria, **PROPAK West Africa DAILY** (published by **WHERE TO PRINT magazine**) gets Mercongraphic reassurance to its clientele base in West Africa. Please read excerpt below for more:

TELL US ABOUT YOUR COMPANY?

Mercongraphic Nigeria LTD is the affiliated branch of Mercongraphic FZC, situated in Shariyah, UAE. This company specializes in the marketing, sales, and maintenance of a wide range of Manugraph India LTD web offset printing machines, serving the newspaper and book printing sectors. Additionally, they handle C.I. flexo printing and other packaging machinery. They are also engaged in paper converting, particularly for exercise notebooks and A4-sized paper, sourced from Trutech India. Furthermore, they provide MultiTec Narrow web flexo label printing machines, bookbinding equipment, die-cutting machinery, and various packaging solutions across Africa and the Middle East.

Manugraph India LTD, a prominent manufacturer of web offset and CI flexo printing machines in India, has established Mercongraphic Nig. LTD as its West African regional office in Lagos, Nigeria. This regional office ensures efficient after-sales service through a team of locally trained engineers endorsed by Manugraph India. They have successfully installed more than 36 Manugraph web offset printing machines in West Africa, including HILINE 45000, CITYLINE Express 35000, and ECOLINE 25000 IPH speed models in well-regarded newspaper and book publishing establishments in Nigeria and Ghana.

Furthermore, Mercongraphic Nigeria LTD plans to provide Trutech Exercise notebook-making machines in Nigeria. They also represent other reputable Indian manufacturers, offering machinery like Die Cutting, Folder Gluer, UV Coating & CONDOT VDP Systems Machines, Gravure Machines, Electromec Bookbinding Machines, Multitec flexo labels printing, and variable data printing systems from Condot. They have a strong track record, having supplied and installed web offset printing machines for esteemed customers such as Yaliam Press, Extension Publication, Alpha Press LTD, and are set to work with Global Plus Publishing in the coming year.



Mercongraphic Nig. LTD Team @ PROPAK West Africa 2023.

WHICH PRODUCTS OR SERVICES ARE YOU OFFERING TO THE MARKET AND WHY ARE THEY DIFFERENT FROM COMPETITION?

As previously mentioned, Manugraph India LTD holds a prominent position as a top-quality web press manufacturer, offering machines with speeds ranging from 25,000 to 70,000 copies per hour. In the



Mercongraphic Nig. LTD Country Manager - Mr. Anil Rai.

African market, our best-selling models include the HILINE Express 50,000, CITYLINE EXPRESS 35000, and the newly introduced ECOLINE 25000. To cater to the needs of exercise notebook printing, we have introduced TruTech machinery, providing both high-speed and cost-effective options with advanced technology. Additionally, we offer Condot solutions for online numbering systems and applications related to barcoding, marking, and variable data printing. Welbound is our trusted partner for semi-automatic and fully automatic perfect book binding, ensuring high-quality results. Moreover, we proudly represent Multigraph, specializing in narrow web level slitter rewinders.

ARE THERE SPECIALS, PROMOS OR DISCOUNTS THAT YOU'RE OFFERING TO YOUR CLIENTS AT THIS YEAR'S PROPAK WEST AFRICA?

Certainly, we are committed to offering competitive pricing, cutting-edge technology, and extended warranties to ensure utmost customer satisfaction for our valued clients.

DO YOU HAVE REPS IN WEST AFRICA ESPECIALLY HERE IN NIGERIA TO ATTEND TO YOUR CUSTOMERS AFTER THE SHOW AND WHERE ARE THEY BASED?

Indeed, our presence extends to Lagos, Nigeria, where our office stands ready to cater to all our customers' needs. Furthermore, we have established multiple branches across various regions

in Africa to better serve our clientele.

WHAT ASSURANCE ARE YOU GIVING YOUR CUSTOMERS THIS 2023 AND BEYOND TO GUARANTEE YOUR COMMITMENT TO THEIR NEEDS ANYTIME, ANYDAY?

For the specialized field of exercise notebook printing, we have introduced TruTech machinery, which encompasses both high-speed machines and cost-effective options, all incorporating advanced technology. Our product portfolio also extends to Condot, providing essential features like online numbering systems and barcoding, marking, and variable data printing applications. In addition, Welbound offers a comprehensive range of semi-automatic and fully automatic perfect book binding solutions. Lastly, for narrow web level slitter rewinding, we have Multigraph, ensuring a comprehensive suite of solutions to meet diverse printing and binding needs.



Mercongraphic Nig. LTD - Mr. Anil Rai and Mr. Ayush Rai during PROPAK West Africa 2023 in Lagos, Nigeria.

FINALLY, WHAT ARE YOUR EXPECTATIONS FROM PROPAK WEST AFRICA 2023?

We aim to raise awareness about our product offerings, including our new additions such as Trutech machinery from India, Welbound, and Condot. Rest assured, we are steadfast in our commitment to serving our valued customers.

THANK YOU FOR YOUR TIME.



MANUGRAPH

Technology in Print



Ecoline



Cityline Express

8 Colour Gearless
C.I.Flexo Printing Press



MANUFLEX



MULTISLIT M3



Multitec



s1 s2 MULTITEC

Autoprint UV Coating
Machine



CONDOT[®]
SYSTEMS PVT. LTD.



CSPL 70 S
Piezo Inkjet System



MERCONGRAPHIC (NIG.) LTD.

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THE 8TH PAPER WEEK SYMPOSIUM IN ÇEŞME, TÜRKİYE: A GLOBAL GATHERING OF THE PRIVILEGED PAPER INDUSTRY LEADERS

PAPER ONE SHOW
The 9th edition of the premier international paper exhibition
16 - 17 - 18 APRIL 2024
Expo Center Sharjah
UNITED ARAB EMIRATES



The **8th Paper Week Symposium** in Çeşme, Türkiye, held from September 18 to 20, 2023, was an unprecedented success, bringing together paper industry experts from around the world. The event saw **over 100 companies** and **200 distinguished participants** from **27 countries** establish connections, strengthen cooperation and exchange fundamentally important information on the state and prospects of the international paper industry.

For three engaging days, paper business leaders from different corners of the world came together for a unique blend of negotiations, entertainments and friendship. The Symposium served as a hub for sharing knowledge, exploring innovations and cultivating long-term relations.

This prestigious gathering began with opening speeches from Chairman, Al Furat Group - Mr. Tarek Fakkas and General Manager Ms. Işıl Bandakçioğlu, setting the stage for an enriching and collaborative event.

This year's Symposium featured an impressive line-up of sponsoring companies. Industry leaders such as **Akkim Kimya, Caran Kimya, Crown Paper Mill, Disan, Eczacabaşi Consumer Product, İthhad Paper Mill, Kawasaki Gas Turbine Europe GmbH, NCR Biochemical, Process Miner, Projet B.V., SOLENIS, ST Machine, SVECOM-P.E., Toscotec, TIO BMA and Yürekli Kağıt** took to the stage with insightful business presentations highlighting the latest trends, breakthroughs and visionary strategies in the paper industry.



Special highlight of the Symposium was the presentation of the upcoming global paper exhibition - **Paper One Show** which will be held at **Expo Center Sharjah, UAE** on **April 16 to 18, 2024**. Being the largest international platform, this exhibition plays a crucial role in the paper sphere. The event also witnessed the **Global President's Meeting**, which brought together the international paper industry's most influential leaders. This meeting facilitated strategic discussions and provided a platform for key decision-makers to chart the industry's future course. Not only that, the Symposium also hosted a number of **B2B networking sessions** that provided fertile ground for nurturing new relations and forging powerful collaborations. Here, the exchange of ideas resulted in many deals and contracts signed, confirming the Symposium's position as catalyst for real business growth.





Special awards were presented by the Chairman Mr. Tarek Fakkas to the honoured guest, Mr. Sami Safran, on the occasion of his appointment as the President of the **Arab Federation for Paper, Printing and Packaging Industries** and to Mr. Abdullah Al Khateeb, recognized as one of the **Global 200 Inspirational Leaders 2023**.

And to celebrate this gathering of industry leaders and professionals, an **After-Party** was organized with the sponsorship of Caran Kimya. Captivating folklore dances added a cultural flair to the event which allowed the attendees to revel in the spirit of partnership. Sports enthusiasts among

the attendees were treated to exciting volleyball, football and table tennis tournaments where skill and determination reigned supreme. The winners of these competitions received well-deserved recognition, adding to the spirit of competition and unity.



The grand crescendo of the event was undoubtedly the **Gala Dinner** sponsored by the Akkim Kimya where participants enjoyed a night of enchanting live music. It was a befitting celebration of the connections made and knowledge shared during the Symposium.

Participants were also treated to a rare and enlightening opportunity - a visit to the Eczacibasi Consumer Products Paper Mill in Manisa. This visit allowed participants to gain a first-hand understanding of the intricate processes related to paper production, enriching their industry knowledge and expertise.



In conclusion, the **8th Paper Week Symposium** in Çeşme, Türkiye, was a great success, a celebration of the confluence of global paper industry experts, innovation and the spirit of collaboration. As the Symposium closed, it left a lasting legacy of partnerships, inspiration and the promise of a brighter future for the paper industry.





PROPAK CAPE PUTS THE SPOTLIGHT ON THE IMPORTANCE OF PACKAGING PRINTING



The global packaging printing market is benefiting from the growing demand for attractive packaging. High quality packaging printing increases the aesthetic appeal of a product, producing a better finished product and improving brand awareness and product differentiation in the market. Technological advancements are also driving growth in the packaging printing market. Packaging printing is particularly important in support of the growth in the pharmaceutical, food and beverage industries where it provides enhanced aesthetic appeal, better communicability, and enables protection from counterfeiting. That's why the forthcoming **PROPAK Cape exhibition** taking place from 24 to 26 October at Cape Town International Conference Centre (CTICC), Cape Town South Africa is spotlighting the sector. This **SPECIAL FEATURE ARTICLE** previews some of the exhibitors you should plan to visit:

In today's vibrant African market, packaging printing is becoming more important in the wake of the new proposed changes to food labels in economies like South Africa. The proposed changes will not only reinforce rules already in place for product packaging, such as ingredient lists and sell-by dates, but will introduce a host of changes to align the country with more modern advances in food advertising, such as front-of-package labelling and more standardised nutritional information to help support better food choices.

Therefore, the importance of packaging printing will be put in the spotlight at this year's **PROPAK Cape exhibition** taking place in Cape Town this October, where visitors will have the opportunity to see and interact with some of the latest developments in packaging printing innovation.

USS Pactech will be showcasing a **Wipotec OCS track & trace solution** for 2D bar code printing and verifying, which is set to become the new standard for retail packs to trace products through the value chain. Over the next few years, a new 2D-code technology will become the universally accepted standard, with retailers and manufacturers needing to adjust and switch to enable 2D-codes to be fully supported at every step of the supply chain. This is only possible with the use of high-resolution printers and other devices like the Wipotec's Traceable Quality System.

Fujifilm Graphic Communication South Africa will showcase their **new Valiani Omnia Die Cutting Machine** at this year's expo. The company will also display the **Flexen FW plates, LED UV curing, Jet Press 750S,** and **FP790** printers known for being eco-friendly and



waste and energy saving.

The **Hubergroup** will be introducing a **new UV flexo portfolio** at PROPAK Cape 2023. The **new iray series** will replace Hubergroup's V flex series and is designed as a one-stop portfolio for UV flexo printing. The iray product reflects Hubergroup's strategic approach to meaningfully simplify printers' workflow by consolidating an assortment of UV flexo printing offerings under a single ink system.

Indisol will display its series of **Roland printers** at PROPAK Cape. These are: **Roland LEC2-330** - UV label printer with white ink and gloss ink for embossing; the **Roland MG-300** - for Eco Solvent label, barcodes, boxes, posters, and canvas printing; the **Roland LEF2-200** - for UV Object and Rotary printing; and the



Roland GS2-24 - Vinyl Cutting machine for heat transfer, boxes and labels. There will also be live demonstrations of labels direct to bottles, boxes, labels, barcodes, posters, banners, and clothing.



Continued on page 31 >>



South Africa's **Pyrotec** is a leader in on-pack label and merchandising solutions. **Pyrotec PackMark** is planning to display its comprehensive range of product identification solutions, including labelling, coding, print and apply labelling equipment, software, and consumables at PROPAK Cape 2023. The company's portfolio of world-class equipment from international manufacturers also includes **Markem-Imaje**, **AlTech**, **Accraply** and **ANSER** all aimed at productivity.

Avocet Scales and Labels will showcase the company's various printers at PROPAK Cape this year. The **SW11**, **SW11-W** and the **FD500** are suitable in a variety of industrial environments to withstand water, high pressure and high temperatures. The **CAS ERJR** has a highly legible LCD displays and a stainless-steel platter and has a battery backup for uninterrupted use during power outages, making it ideal for loadshedding. The **OKI c650 Media Printer** is perfect for everything from marketing collateral to customer invoices with high-speed printing. This printer is cost effective, productive and efficient.

J-Pak will showcase the **CO2/UV Laser Coders**, **InkJet Printers**, **Print and Apply** and **handheld technologies** at this year's show. The company provides a wide range of coding, marking and quality control equipment, including continuous inkjet and thermal inkjet printers, laser coders, food X-ray inspection systems, metal detectors, label applicators and checkweighers for a diverse range of industries.

Technology focused solutions provider to the sub-Saharan market **Kemtek**, will showcase its range of **Epson Colourworks printing machines** at PROPAK Cape 2023. Visitors to the company's stand can explore cutting-edge solutions that seamlessly blend technology and innovation to reshape industries. Visitors can also engage with the company's team of experts on digital printing solutions.

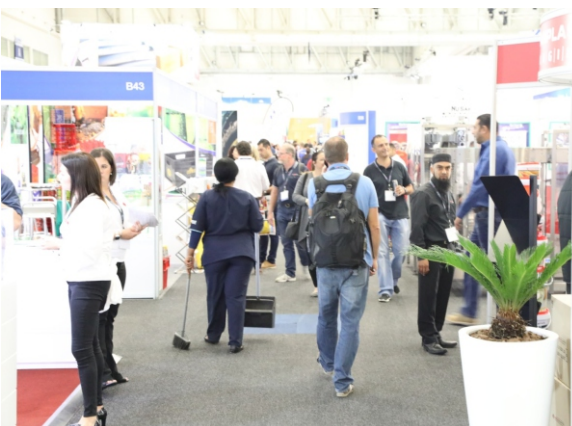
Pantone will showcase its new edition of the **Pantone Formula Guide**. This versatile, end-to-end colour matching tool displays all 2,390 market-driven spot colours in the Pantone Graphics System on coated and uncoated paper stocks. Now updated with **224 brand new Pantone Matching System (PMS) colours**, the latest Pantone Formula Guide also features five new eco-friendly Pantone base mixing inks compatible with coating in print production processes. Compact, handheld fan decks provide easy, on-the-go physical references for the actual appearance of Pantone Colours in digital design applications and include essential formulations for mixing spot colour inks to properly match Pantone Formula Guide colours.

All these new innovations and more will be on show at the **PROPAK Cape 2023 exhibition** taking place at the **Cape Town International Conference Centre (CTICC)** from **24 to 26 October**. With just under 200 exhibitors showcasing the latest market related trends and developments, visitors to this year's event can expect to see thousands of new and innovative products from across packaging, plastics, print, labelling, food processing and related industries.

PROPAK Cape is supported by the **Institute of Packaging SA (IPSA)**, **Packaging SA**, **Plastics SA**, **Printing SA**, and the **Aerosol Manufacturers Association (AMA)**. **IPSA** will be running a one-day high-level **Responsible Packaging Conference** alongside the show on the Wednesday, 25 October.

Content-rich free-to-attend seminars will take place each day of the show, presented by industry experts.

Visitors can register online for free access to **PROPAK Cape 2023** at www.propakcape.co.za



Print Impact Around the World

**DRUPA 2024 TICKET SHOP OPENS
ONLINE SALE**



Online ticket sales for **drupa 2024**, no. 1 for printing technologies, have started.

With the motto “we create the future”, drupa (from May 28 - June 7, 2024) will focus on the industry’s innovative power and provides a relevant platform for tomorrow’s technologies. Numerous services support the best possible planning for a perfect trade fair visit.

For eleven days, everything that shapes the future of an entire industry will be on display. Trade visitors can look forward to surprising and impressive appearances and product launches, especially from global key players along the entire value chain.

At drupa 2024 therefore, visitors will learn how to make their current business even more successful and secure a competitive advantage. This is because as print and packaging industry is undergoing constant change, driven by digital innovations, sustainability efforts and changing consumer trends, drupa 2024 will offer an indispensable and unique platform to tap into this dynamism and to set the course for future-oriented growth.

Key players from 47 countries have already registered to exhibit. Particularly well represented again will be suppliers from Europe, especially from Germany, Italy, Great Britain, the Benelux region, Spain and Switzerland, but also from Japan, the U.S., Turkey, India and China. About 1,400 exhibitors are expected to participate at Messe Düsseldorf (Düsseldorf exhibition center) in Düsseldorf Germany.

SHOW FEATURES

* **Optimally informed with the exhibitor and product database**

An overview of the exhibitors, their innovations and contact options for making appointments in advance of the trade fair is possible with the **new drupa Exhibitor** and **Product Database**. Convenient product categorization, modern and clear design as well as the option of filtering content according to personal interest help visitors to get a comprehensive overview even before the trade fair starts. The fast way of establishing contact makes it easier to plan for the trade show. The Exhibitor and Product Database is live now and is constantly updated with new information and products. Another valuable tool for preparing a visit is the **Interactive Hall Plan**.

* **MyOrganizer, the ideal companion**

Interesting products, personal recommendations and a personal appointment schedule: using the **MyOrganizer** functionality, visitors can prepare their own route through the exhibition halls in just a few steps. MyOrganizer can be used after registering in the ticket shop with a personal login or also without registration. The login is convenient to use on various devices (smartphone, PC) over an extended period. Once compiled, the list can be adapted or supplemented each time it is called up.

* **Perfectly prepared for the trip**

Early planning is recommended for the world’s leading trade fair for print technologies. Anyone still looking for accommodation should use the services of BCD Travel Solutions in Düsseldorf (or TTI Travel for U.S. participants). As Messe Düsseldorf’s long-standing partner they can best advise which hotels in Düsseldorf and the region are available during drupa and can assist with specific booking needs. Messe Düsseldorf’s network of Foreign Representations also help support international visitors.

Travel tips are also featured on the drupa website, including information on the discounted event ticket offered by “Deutsche Bahn” (German railways) and the “Düsseldorf-Ticket” for local public transportation in the city.

Tickets and prices

Tickets for drupa 2024 are now available via the ticket shop at www.drupa.com. Here, all the details about the different ticket types and prices can be found. Buying tickets online is recommended due to discounted rates and to avoid waiting times on site.

Tickets are available now at www.drupa.com

HP EXPANDS LATEX RANGE WITH NEW ENTRY-LEVEL 630-SERIES – ENABLING EVEN THE SMALLEST PRINT FIRMS TO HARNESS BEST WHITE INK EXPERIENCE



HP Inc has launched the **new HP Latex 630** printer series, completing HP’s Latex range and making white ink technology available to Print Service Providers (PSPs) of all sizes. White ink allows users to produce a more impactful range of signage and décor jobs with stunning image quality and colors that jump off the page, creating attention grabbing campaigns for end-customers.

The HP Latex 630-series, as with the rest of HP’s Latex portfolio, allows firms to offer more sustainable printing services: with water-based latex inks that give off negligible chemicals or odors; UL ECOLOGO® and EPEAT® environmental certifications; and carton-based cartridges that reduce plastic by using 100% recycled and recyclable cardboard containers, as well as recycled plastics from HP’s closed-loop process - including post-consumer beverage bottles.

Continued on page 34 >>



Invitation



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Print Impact Around the World

As part of a continued focus on helping PSPs improve productivity and grow their business, HP has also announced **HP PrintOS Design & eCommerce** – an intuitive web-to-print solution that saves valuable time with simplified print application design capabilities, efficient production paths, and step-by-step guidance on how PSPs can integrate it with an existing e-commerce store.

The Design & eCommerce solution will be made available in select countries within HP's PrintOS suite to subscribers of the HP Professional Print Service Plan (PPSP) 'Plus' tier, making the PPSP offering more appealing to small and medium sized PSPs. HP's Professional Print Service Plans are designed to enable business agility, maximize uptime, and to provide learning opportunities and support.



** Gamper (centre) with Durst and Aleph team members*

DURST EXPANDS WITH ALEPH ACQUISITION



** An Aleph textile printer with integrated drying system*

Durst has made another strategic acquisition with the takeover of fellow Italian textile and industrial printing specialist - Aleph.

Based in Como, at the heart of the Italian textile design industry, Aleph was founded in 1999 as a specialist software business developing tools for the textile industry. It subsequently moved into hardware, firstly with a winding and unwinding system, and then into water-based printing, culminating in the creation of its Laforte range of printers which print direct-to-fabric or direct-to-paper. The range spans devices targeted at low- to mid-volumes up to high speed models capable of printing 1,000sqm/hr.

Aleph's focus is on environmental and social sustainability, and it has concentrated on creating devices that require low consumption of resources including water and energy.

Durst CEO and co-owner Christoph Gamper said he was delighted to welcome Aleph into the Durst family of businesses; "Their expertise in sustainable, water-based applications, their software for high-end textiles, and their creative solutions for water-based poster printing align perfectly with our vision of pushing the boundaries of digital printing technology. Together, we will strengthen our market position, expand our product portfolio, and enhance value for our global customers," he stated.

REGISTRATION OPENS FOR GULF PRINT & PACK 2024



Registration has opened for **Gulf Print & Pack 2024** - Middle East and North Africa (MENA) leading exhibition for the commercial and package print sectors.

The free-to-attend show takes place at the Dubai World Trade Center from 9 to 11 January 2024 bringing together Print Service Providers (PSP's), commercial and packaging printers, designers and print buyers from across the MENA region looking to view the latest technology in action including wide format printers, digital



BEE Printing Mechanical Company



HEIDELBERG SM102 -4



BINDING MACHINE



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QUALITY CONTROL IN ENSURING COLOUR ACCURACY AND SAFETY IN PROTECTIVE APPAREL



The importance of colour in safety apparel cannot be overstated. The wearers' safety relies on precise colour representation during manufacturing and maintaining that accuracy even after washing. However, working with fluorescent dyes presents notable challenges. In this SPECIAL FEATURE ARTICLE written by **X-Rite** Colour Expert - **Manfred Binder**, we explore the significance of preserving colour accuracy and consistency in safety apparel.

Undoubtedly, the significance of colour within safety apparel cannot be emphasized enough. In certain industries like construction and roadwork, there's a genuine risk that workers might not be noticed, making protective clothing in bright, high-contrast colours a necessity.

Fluorescent shades like yellow, orange, and green are often chosen to make workers stand out, particularly in low-light conditions. These colours play a vital role in alerting others to the presence of workers, thus reducing the chances of accidents and injuries. Maintaining consistent quality over time, even after repeated washing and use, is equally crucial.

Guaranteeing the safety of wearers hinges on accurate colour representation when the clothing is manufactured and retaining that accuracy even after washing, yet dealing with fluorescent dyes presents significant challenges.

WHAT ARE THE CHALLENGES WITH ENSURING ACCURATE COLOUR REPRESENTATION IN SAFETY APPAREL?

The process of creating high-visibility clothing



brings about several significant challenges, each requiring thoughtful consideration:

1. Colour Alignment and Precision

The fluorescent colours used in these garments must align with the tolerances

outlined by DIN EN ISO 20 471 and ANSI/ISEA 107 for professional use. These standards set the bar for visibility while maintaining colour accuracy. Striking this balance is a delicate task, demanding precision in colour formulation to meet both safety and aesthetic requirements.

Continued on page 37 >>



2. Accurate Evaluation with Spectrophotometer

A UV-calibrated spectrophotometer illuminated by D65 Xenon lighting is essential to assess the fluorescent shades integrated into the garments. This ensures a realistic evaluation under conditions similar to real-world scenarios, providing

assurance that the colours remain distinct in various lighting situations. Such meticulous evaluation underpins the overall effectiveness of the high-visibility aspect of these clothes.

3. Sustaining Vibrant Colour Integrity

The challenge extends to the longevity of these vibrant colours. The utility of high-

visibility clothing is not short-lived; it's designed to withstand repeated cleaning and the passage of time. Maintaining colour integrity through multiple wash cycles and prolonged use demands a thoughtful approach in terms of fabric choice, dye application, and washing techniques. This durability factor is pivotal to ensuring these specialized garments' ongoing safety and functionality.

HOW TO ENSURE ACCURATE COLOUR ALIGNMENT AND DURABILITY IN SAFETY APPAREL?

Benchtop spectrophotometers seamlessly integrated with advanced quality control software provide a practical solution for textile manufacturers, laundries, and clients to eliminate uncertainty and guarantee compliance with DIN and ISO regulations for safety clothing.

How exactly does it work?

1. The textile sample is positioned accurately in front of the ColorXRA Lab's measurement aperture and is placed over an opaque space to reduce background reflection. Once measured, the data is sent to the software interface.

2. The ESWin software calculates luminance factor

and chromaticity coordinates (x, y) using the D65 illuminant and a 2-degree observer angle. These values are shown both as numbers and graphs for easy understanding. Additional options include other coordinates (e.g., L*, a*, b*) and various illuminants (e.g., D65, C, A, F11), as well as observer angles (2-degree and 10-degree) for measuring non-fluorescent hues.

3. The evaluation against DIN EN ISO 20 471 and ANSI/ISEA 107 standards results in pass or fail decisions. This helps operators determine if the colour falls within acceptable limits.



WHAT RESULTS CAN BE ACHIEVED WITH SPECTROPHOTOMETRY AND QUALITY CONTROL SOFTWARE?



The outcomes achieved are remarkable:

- **Precision in Measurement:** Benchtop spectrophotometers coupled with quality control software bridge the gap between production and safety standards. The ColorXRA Lab spectrophotometer's specialized geometry and calibrated lighting ensure accurate colour representation. Its UV calibration reflects real-world conditions, ensuring data reliability.
- **Comprehensive Data Analysis:** The ESWin software transforms complex measurements into clear, interpretable results. The numerical and graphical representation of colour indices and luminance factors empowers operators

to make swift pass/fail determinations aligned with industry standards.

- **Documented Quality Records:** Beyond immediate assessments, the software's meticulous documentation creates a trail of quality records adhering to international standards. These records provide transparency, enhance accountability, and serve as a valuable resource for continuous improvement efforts.
- **Enhanced Compliance and Communication:** Technology integration instills confidence in compliance with safety standards. It streamlines communication among manufacturers, laundries, and clients, fostering a culture of quality enhancement. This approach

directly contributes to the longevity, functionality, and safety of the clothing that safeguards workers in high-risk environments.

In conclusion, the marriage of spectrophotometry and quality control software addresses the challenges and propels the safety apparel industry forward, making strides toward a safer and more secure work environment for those who depend on these specialized garments.

Published by



Manfred Binder works as Sales & Marketing Director for Inline Colour Measurement a **X-Rite GmbH**. He leads a worldwide team to make more than 1000 customers get rid of their colour problems. Get in touch with him via his LinkedIn page: <https://www.linkedin.com/in/manfred-binder-muc/>

corrugated, cut sheet inkjet, package printing presses and digital embellishment systems.

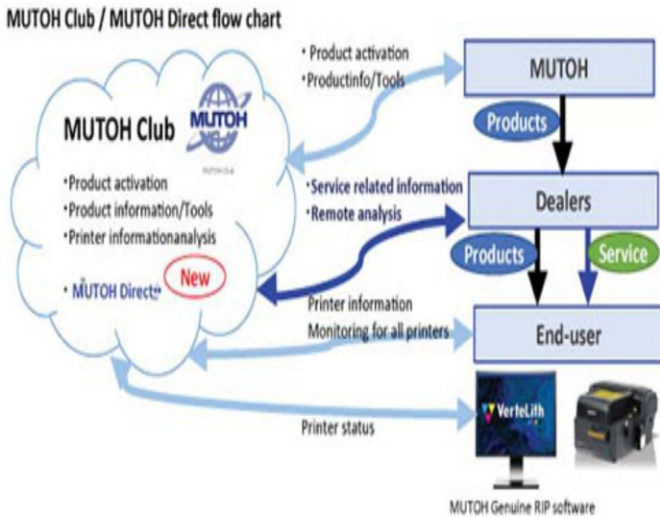
Visitors to Gulf Print & Pack 2024 will be able to learn how to enter new and profitable niche markets in the fastest growing sectors of print, everything from digital textiles and wall coverings to labels, packaging and on-demand book printing. Another key trend to be highlighted is digital embellishment of cut-sheet commercial work, folding cartons and labels.

Gulf Print & Pack Event Director - Barry Killengrey said: "We're delighted to be back on the biennial calendar for the first time since the pandemic. During this time, the printing industry has evolved immensely, with exciting new trends such as digital embellishment emerging, and this has intensified the appetite to see more advances in digital technology, automation and workflow capabilities."

Killengrey continued: "The last Gulf Print & Pack event was held in June 2022, when it attracted leading graphic arts suppliers from across the globe and over 7,500 international visitors. With the milder climate, January is the ideal time to plan a business trip to Dubai and kick-start new business here."

To register, visit: www.gulfprintpack.com

MUTOH INTRODUCES MUTOH DIRECT: A NEW CLOUD SERVICE CONNECTING DEALERS AND END-USERS



MUTOH has announced the launch of **MUTOH Direct**, a new cloud service for MUTOH dealers allowing remote monitoring of end-user's printer status and printer usage for more effective service and maintenance.

The new MUTOH Direct is an enhanced service of MUTOH Club for MUTOH dealers. This new service allows dealers to remotely access and monitor end-user's printer information, enabling them to proactively predict and address potential causes of printer failures and take prompt action. Consequently, dealers can reduce the number of visits to end-users and minimize printer downtime,

enhancing overall service effectiveness. In addition, by monitoring the printer status, it is possible to advise end-users on optimal printer operation.

MUTOH Club is a cloud service that connects MUTOH and its printer users. Through MUTOH Club, users can access their printer operational status, statistical data, and product authorization management, obtain product information, and various software and tools.

MUTOH Direct is available in North America, Europe, Australia, and New Zealand, sequentially expanding to other regions.

For more information visit www.mutoh.com

KOENIG & BAUER CELEBRATES JUBILEE

KOENIG & BAUER



On 29 September, Koenig & Bauer celebrated the 125th anniversary of its location in Radebeul near Dresden.

With its 1,800 employees, the factory is today considered the largest engineering company in Saxony. It is the modern-day successor to Dresdner Schnellpressenfabrik, the company founded on Blasewitzer Straße in Dresden in 1898 by Joseph Hauss and Alfred Sparbert. It relocated to Brockwitz just two years later before moving premises again in 1911, namely to Radebeul-Naundorf, where the company still has its offices today.

Innovative solutions for the print industry

The company caught the attention of the world market from the very beginning. The first in a stream of innovative solutions was a 'fixture for moving the printing foundation of high-speed printing presses', the planetary drive, which lent its name to decades of press models and was adopted as the name for the whole company from 1938. In 1932, Planeta produced the world's first four-colour sheetfed offset press. Another world first designed in Radebeul was a unit-based sheetfed offset press unveiled in 1965. This design principle has since become the accepted norm and has remained the industry standard to this day.

More recent developments with which Koenig & Bauer continues to set international benchmarks in sheetfed offset include automation solutions such as the sidelay-free infeed DriveTronic SIS, fully automatic plate logistics and a variety of digitalisation options. Rapida sheetfed offset

Continued on page 39 >>

Print Impact Around the World

presses today deliver an unrivalled performance in many format classes and are also makeready world champions.

There were, unavoidably, also a few lows and darker periods to be endured over the course of 125 years of manufacturing at the location. These included two world wars, hyperinflation and currency reforms, the planned economy of the GDR years, subsequent restructuring for a market economy and the catastrophic Elbe floods of 2002. Time and again, however, the employees stood by their company – with passionate commitment, consummate skill and countless good ideas for ways to advance the fortunes of the press engineering.

Complete solutions for packaging and folding carton production

Today, the Koenig & Bauer factory in Radebeul represents much more than just the group's value centre for classic sheetfed offset. It also bundles all group activities relating to an integrated packaging production workflow. The current product portfolio in Radebeul includes rotary die-cutters based on the offset press platform. Flat-bed die-cutters are supplied by subsidiary Koenig & Bauer Iberica in Barcelona. Added to this are the folder-glueers contributed by Koenig & Bauer Duran in Istanbul. In this way, products from Koenig & Bauer cover the entire process chain of folding carton production.

Alongside sheetfed offset presses, Radebeul design engineers working within the framework of a joint venture with the company Durst have developed the VariJET 106, a digital printing press that combines the strengths of inkjet with the benefits of an offset process. By bringing together important elements of the two processes, the new press raises packaging printing to the next level and enables the production of innovative, future-oriented packaging solutions. The first presses in this series were put into operation by users over the past few months.

Strong player far beyond the company group



home to three business units: Koenig & Bauer Sheetfed, responsible for the market segments sheetfed offset and post-press equipment (including development, production, sales and service), Koenig & Bauer Industrial as an internal and external production services provider, and Koenig & Bauer Deutschland as the sales and service company for the German, Austrian and Swiss markets.

All three business units are fundamental elements of the overall Koenig & Bauer Group. At the same time, together with our many suppliers and business partners, they form a sound basis for the local and regional labour market in the Upper Elbe valley. With an export ratio of almost 90 per cent, Koenig & Bauer can also point to an international trade performance well ahead of the Saxon and German national averages (36 and 40.7 per cent respectively*).



Employee festivities and other jubilee highlights

The Radebeul location is celebrating its 125th anniversary in numerous ways. On 23 August, Saxon minister-president Michael Kretschmer visited the factory and answered questions from the employees within the framework of an informal 'barbecue chat'.

On 29 September, a day of special festivities was organised for the employees. Current and former members of the supervisory and executive management boards also attended. The festivities gave the employees an opportunity to experience 'their' company in a different light – with a party marquee and activity stalls, with cultural and musical highlights, and with refreshments for every taste. Michael Kretschmer also passed on his congratulations in the form of a video message in which he emphasised: "For me, it is magnificent to see how you have guided a factory location with such great traditions into the future."

Further events with customers, shareholders, business partners and employees from other group locations are planned for October. Mention must also be made of a richly illustrated commemorative book that offers unusual insights into what goes on behind the scenes in printing press manufacturing and introduces some of the 1,800 employees through a series of gripping stories.

Printing press manufacturing in Saxony (highlights)

- 1898** - Founding of Dresdner Schnellpressenfabrik
- 1902** - Patent obtained for a planetary drive; this was the origin of a new product name and later the name of the company
- 1924** - Merger to form Dresden-Leipziger Schnellpressenfabrik
- 1932** - Planeta Deca: the world's first four-colour sheetfed offset press
- 1938** - Company name changed to PLANETA Druckmaschinenwerk
- 1948** - Founding of VEB Druckmaschinenwerk Planeta
- 1952** - High-speed press Planeta Super-Tertia
- 1965** - Introduction of the Planeta Variant, the first sheetfed offset press in a unit-based design
- 1967** - Patent registered for a convertible perfecting facility for unit-type presses
- 1972** - Completion of the 42,000 m2 production hall
- 1986** - Delivery of a sheetfed offset press with 10 printing units to the USA
- 1991** - Gradual takeover from Treuhand and integration into the Koenig & Bauer Group
- 1998** - Centenary celebrations
- 2002** - Once-in-a-lifetime Elbe floods threaten the factory site
- 2008** - Rapida 106 declared the makeready world champion after printing 15 jobs of 520 sheets each in 59 minutes and 36 seconds
- 2016/2018** - Following the integration of Iberica and Duran Machinery, print and post-press know-how covers the entire packaging production workflow
- 2021** - First Rapida presses with fully automatic plate logistics
- 2023** - Delivery of the first VariJET 106, a digital inkjet press for the packaging production of the future

PRINTING UNITED EXPO 2023 TO BE THE BIGGEST SHOW EVER



This year's **PRINTING United Expo** to hold at **Georgia World Congress Center in Atlanta, Georgia USA** from **18 to 20 October** will house over a million square feet of equipment, technologies, and trends across industries such as Apparel, Commercial, Wide-format, Industrial, Promotional, Label and Packaging, Mailing, Shipping, and Fulfillment, and more. In continuation of the show's SPECIAL FEATURE PREVIEW in this second and concluding series of PRINTING United Expo excerpts, **WHERE To Print** reconnoitres some of the booths to highlight what will be on display for attendees to explore, learn, and grow their businesses.

Occupying two halls and some **1.2 million square feet** of space overall with more than **800 exhibitors** encompassing all types of print production, **PRINTING United Expo 2023** which runs from **18 to 20 October** is prepping to be the biggest show yet as it's bringing together the

entire printing & allied industries under one roof to experience over **111,000sqm** of equipment, solutions, and latest trends.

These will be from the stable of the show's two biggest exhibitors Fujifilm and Durst (exhibiting alongside its subsidiary Vanguard) as well as other

major exhibitors including: Xerox, Canon, Roland DG, Epson, Heidelberg, Koenig & Bauer Ricoh, Sharp, Screen, EFI/Fiery, Komori and MBO, Enfocus, Landa Digital Printing, RMGT, Muller Martini, Mimaki, Kornit, Agfa, HP, Zund, Kyocera, Duplo and M&R Printing Equipment amongst many others.



As reported in last edition's preview - while industry giant - **Heidelberg** plans to showcase its new **Gallus One inkjet label press**, leading manufacturer - **Fujifilm** will be showcasing its expanded product range including inkjet, wide-format, and toner presses. It will also debut the new B2 format 2,500sph **Revoria Press GC12500** toner device (ostensibly better version of the PC1120 and Press E1 series). Check out a raft of other new product launches to be displayed live at the show:

Continued on page 41 >>



WORLD PREMIERE OF THE W+D I-JET 3 INKJET OVERPRINT PRESS

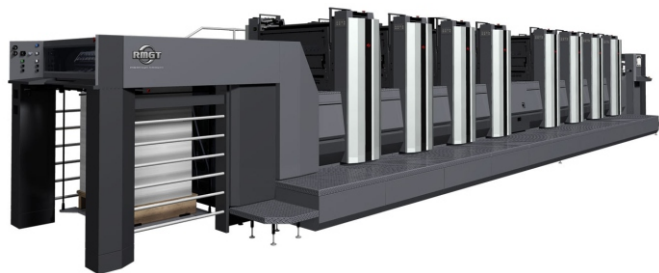


Worldwide leader in envelope printing, converting, direct mail and ballot inserting technology - **W+D North America Inc.** will be introducing for the first time, live in **Booth B2219**, the new **W+D i-Jet 3 inkjet overprint press** at PRINTING United.

The W+D i-Jet 3 is the 3rd generation of W+D's successful inkjet overprint press models. It features the new Memjet Durabolt production class print engine capable of printing 36,000+ #10 envelopes/hr. at its highest resolution of 1600 x 1280 dpi which puts it in a class of its own in terms of quality and speed. A new wider 12.77" print head with new bleed features now runs virtually all jobs faster in landscape mode. The W+D i-Jet 3 incorporates the proven HALM paper and envelope feeder, which thousands are in operation worldwide, and is critical to W+D's high-speed nonstop output performance. Proven Xitron

colour management and workflow automation are seamlessly incorporated into the overall press controls for the fastest and easiest job setups. Not only that, it's lower-priced water-resistant pigmented inks, longer-life Durabolt print heads and more workflow automation features are expected to give printers a new lower total cost of operation and broader product range flexibility.

RMGT TO SHOWCASE 970PF-8+LED LONG PERFECTOR DURING PRINTING UNITED EXPO: ONLY OFFSET PRESS ON THE FLOOR



Manufacturer of the leading 8-up sheetfed offset press in North America - **Ryobi MHI Graphic Technology LTD (RMGT)** will be running live demonstrations of their flagship **970 8-UP+ press** at the PRINTING United Expo.

At its **Booth B1932**, visitors will see that the efficiency of a perfecting press closes the gap on short run print jobs that are shifting from digital back to offset, and this same platform can easily produce 100,000 4/4 sheets in a single shift. That's the equal of 200,000 impressions on a one-sided press and the cost improvement versus any single-sided output is remarkable.

With the press running live demonstrations every hour of the show, RMGT will demonstrate how the new 8-UP+ RMGT 970 expands the successful 9 Series family of offset presses from RMGT that are the North American 8-UP market leader. Since 2014 more than 100 RMGT 9 Series presses have been installed in North America. The RMGT 970 perfecting offset press features the latest in offset press technology such as ASAP (autonomous print production & 4-5 minute job changeovers), 15,000 SPH perfecting speed, and instant LED curing. These features allow over 80% of RMGT 9 Series presses to run with a single pressman, which saves more than \$50,000 worth of labour cost per shift annually.

INX INKJET AND SUSTAINABLE PACKAGING SOLUTIONS TO PROVIDES NEW GROWTH OPPORTUNITIES



With industry developments leading people to make key investments, **INX International** will offer PRINTING United Expo visitors plenty of options to help grow their businesses. At its **Booth B1944** will be sustainable packaging inks, premium inkjet and screen printing inks, and digital printing systems.

To this end, several of **INX's Triangle® brand premium digital inks** that run on some of the world's largest multi-pass, high-speed inkjet printers will be prominently displayed. These include: Triangle GSU, HIP, and HSI™ (high performance, fast curing UV inks), and UV-LED Curable VHS inks (that offer significant cost savings and are formulated to meet GRACoL standards and G7 targets with sharper printability). It should also be noted that HIP is used on five different HP Scitex model series printers, HSI runs on Inca Onset flatbed printers, and VHS works with Vutek® HS120 and HS 125 series printers. Again, the Vutek GS™ hybrid model series handles GSU inks, and all are supported by INX Digital's Worldwide Outdoor Durability and Ink Train warranties. INX experts will also discuss Agfa Tauro, a new high value inkjet solution and service program that is expected to be introduced in early 2024.

In addition to developing inkjet inks and coatings for alternative, custom, industrial, OEM, and specialty applications, INX's technology-driven digital hardware and integration capabilities provide print operators with cost effective solutions. The JetINX™ Printhead Drive and Ink Recirculation system serves as a catalyst to help develop complete printing systems such as the NW350 UV Digital Label printer.

The packaging industry is a good example, with brand owners having encountered many challenges during an impressive growth phase in recent years. To combat counterfeit products that have proliferated in the marketplace, INX introduced a proprietary digital security ink with VerifyMe, Inc. in mid-2022. VerifyInk™ is a specially formulated, covert ink technology that is integrated into VerifyMe's variable authentication, serialization, and track and trace technology. Run on continuous inkjet (CIJ) printers, it can be printed on paper and flexible packaging labels including shrink, apparel and fabric, metal caps, rigid plastics, glass or direct-to-object, such as wine bottles, using conventional and digital printing methods.

SCREEN AMERICAS TO DEMONSTRATE COMMERCIAL AND LABEL PRODUCTION AND SHOWCASE NEW SCREEN SOLUTIONS FOR PAPER AND FLEXIBLE PACKAGING MARKET



Celebrating 80 years of service to the graphic arts industry this year, **SCREEN Americas** plans to demonstrate commercial and production applications and showcase new solutions for the paper and flexible packaging market at PRINTING United Expo.

In **Booth B2544** will be the **Truepress JET 520HD**, a high-speed continuous roll-fed inkjet press engineered for commercial, direct mail and publishing applications. Also in the booth will be the **Truepress LABEL 350UV SAI**, a roll-fed inkjet press that allows for seven colors to produce high-quality labels. Live demonstrations of each press will be available for attendees to observe.

SCREEN Americas also plans to introduce the Truepress PAC 520P at PRINTING United. This digital inkjet press is especially engineered for paper-based pouch packaging and features new water-based pigment ink that complies with food safety regulations. Solutions to the ever-evolving needs of printers servicing the food packaging market will be addressed by the SCREEN team at the show. Attendees will also be updated with the latest samples from Truepress PAC 830F, a packaging press whose ongoing development is designed to meet the last-minute requests of customers in need of standing pouches, gusset bags and centre seal packages. Printed samples from the Truepress LABEL 350UV SAI containing a new solution designed to enhance ink adhesion on challenging substrates will be made available as well as samples featuring Truepress ink NP, a new high-density black pigment ink for the Truepress JET 520NX technology designed for printers specializing in direct mail marketing.

Continued on page 42 >>

INTRODUCING THE DIGIFAV DUPLEX LAMINATOR: TWO-SIDED THIN GAUGE LAMINATION IN HALF THE TIME. skandacor™

The proactive finish.™



Skandacor is excited to introduce the newest addition to our lineup: the **Digifav DS Laminator by Bagel Systems**. This machine brings thin gauge two-sided lamination to the B2 sheet size, halving traditional production times. The Digifav DS will be debuting at its **Booth B15063** during PRINTING United this October, giving printers the chance to see the machine run live.

Although eliminating flipping and turning will halve traditional production times, the Digifav DS doesn't stop there in increasing efficiency. Clients will be able to run common digital sizes like 13x19 in the landscape direction, feeding them long side in. This simple change means that they can pick up an additional 30% productivity gain in their finishing processes.

X-RITE SHOWCASES HOW DIGITAL WORKFLOW SOLUTIONS KEEP COLORS CONNECTED



At PRINTING United, **X-Rite Incorporated and Pantone LLC**, will demonstrate how a connected ecosystem of colour measurement, specification, formulation, and quality control solutions helps printers simplify print workflows, exceed brand requirements, and improve print quality. In the same vein, commercial, packaging, and specialty printers can reduce waste, boost profitability, and grow their print business by keeping their colour data digitally connected from design through production through the use of Pantone Guides and other X-Rite range of world acclaimed brands for colour standardisation. Therefore, visitors at PRINTING United Expo can explore X-Rite's comprehensive range of colour workflow solutions at **Booth C1713**, including:

1. eXact 2™ Portable Spectrophotometer



X-Rite's most versatile, connected, and easy-to-use measurement device for optimizing the print workflow, from formulation through quality control. It offers enhanced accuracy and speed, non-contact video measurement and zoom technology, onboard Wi-Fi, and software connectivity, and can measure across substrates.

2. ColorCert Suite



Providing an overall view of print quality and colour performance through a single number score, this tool ensures compliance with brand specifications.

3. InkFormulation Software

X-Rite IFS6
InkFormulation Software



Delivering fast, accurate, consistent ink formulations, this software handles formula creation, storage, approval, and retrieval for offset, flexo, gravure, and screen-printing inks.

4. NetProfiler Device Optimization Platform



A cloud-based platform that validates and optimizes spectrophotometer performance, ensuring colour consistency between devices and across the print and packaging supply chain.

5. iPro 3 Plus Colour Profiling Device



Reducing colour appearance variability, this device allows printers to create ICC profiles for almost any substrate, including paper, film, textiles, vinyl, and other materials, and calibrate digital presses for the highest colour accuracy.

6. IntelliTrax2 Pro



Designed for mid- to large-sized commercial printers, this integrated automated scanning solution provides instant feedback on job performance with direct integration to the ColorCert Suite. It is a G7® Press Control System Certified by Idealliance® and supports PSO and ISO print specifications.

SHOW FEATURES OF PRINTING UNITED EXPO 2023



To make the event both invaluable and memorable to all visitors, show features include community hubs for different specialists, hands-on training zones, and educational sessions. There will also be two **Keynote Sessions**: the first on **DAY ONE** looking at **'Converting Printing Industry Uncertainty into Opportunities for Success'**; while on **DAY TWO** the topic is **'Fully staffed: How to Find and Keep Great Employees in Difficult Labour Markets'**. So, for lifelong industry learners, the educational opportunities are endless at PRINTING United Expo 2023 where visitors will find extremely helpful conference-style education sessions, **iLEARNING+**, hands-on demonstrations, trainings, and more to empower them with valuable knowledge and insights.

In addition, attendees will hear about X-Rite's extensive colour education and employee training offering, including free webinars, on-demand seminars, and on-site trainings. Or learn how an X-Rite G7™ Certified Expert can help print owners achieve G7 compliance. X-Rite also offers support services to keep digital workflows running smoothly with a range of device maintenance plans.

HIGHLIGHTED EXPERIENCES AT PRINTING UNITED EXPO 2023



Many new and expanded show highlights are being planned for an even greater attendee experience so that visitors can truly maximize the **"One Roof Concept"** approach as a one-stop venue for all things printing. Visitors should therefore take advantage of these show highlights, including:

- **Industry-leading Education**
Back by popular demand are paid educational sessions which cover the latest trends, economics, and growth areas for businesses to diversify across subject areas, from industry leaders to full panel sessions led by experts in their fields.
 - **Market Segment Community Hubs, Guided Tours, Daily Happy Hour, and More.** Also by popular demand are segment areas on the show floor where attendees can stop by and speak with industry leaders and renowned media and associations from around the world. **Expo Hubs** on the show floor this year include: Commercial; Functional Printing and Industrial; Future State and Apparel; In-Plant; Label and Packaging; LATAM; Italian; Mailing and Shipping; and Wide-format and Digital Textile. Daily Tours, Morning Coffee and Roundtable Discussions, and Happy Hour Celebrations will be held each day of the show at the **Community Hubs**.
 - **Opening Night Industry Party at the Historic Tabernacle**
Celebrate with your industry peers and colleagues at the special **Opening Night Party** at the historic Atlanta Tabernacle for a night of live music, dancing, networking, and more. The party takes place on **Wednesday, October 18 at 8 - 10 p.m** and admission is free with Expo Badge.
- Finally, there's really never been a show of this order of magnitude in the Americas. So, if you can put ink on it, you have to be there; if you really want to see printing technologies, **PRINTING United Expo 2023** is the place to be!

Further information and registration details can be found at www.printingunited.com

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**A 10TH YEAR
TO REMEMBER!**

This year Propak West Africa returned to Lagos, Nigeria for its 10th edition uniting thousands of manufacturing industry professionals under one roof to interact with the newest products and equipment on the market. Propak's landmark edition in September was a resounding success with the event serving as a platform to connect the industries. Make sure you don't miss your opportunity to reach a new customer base at next year's edition taking place 10 – 12 September 2024.

**2023
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FLOORPLAN
REBOOK



152

EXHIBITORS



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VISITORS

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