

Durst Group expands P5 portfolio, tailored for corrugated displays and packaging

New Pack series

Durst Group, the leading manufacturer of digital printing and production technologies, is offering the P5 350 HS Pack, a highly automated solution for digital corrugated and display printing. In addition, a powerful vacuum system increases the suction power on the print belt by up to 40% compared to the conventional systems. This means that even heavy and warped corrugated boards can be flattened and printed cleanly.

With the P5 Pack series, the Durst Group is launching a printing solution that is specially tailored to



P5 PACK SERIES

The P5 Pack series is equipped with all the functions that enable efficient print production of corrugated boards.

the production of corrugated displays and packaging. The P5 350 HS Pack combines the well-known versatility of a P5 hybrid printing system with the ability to print on a wide range of materials used in the POP/POS and retail markets. Durst has once again set a benchmark in terms of quality and efficiency. „The modular design of the P5 technology platform enables us to develop new products for a wide range of applications. We identify market requirements and incorporate them into our development process,” emphasizes Andrea Riccardi, Head of Product Management, Graphics at Durst. „The P5 350 HS Pack is another result of our customer-oriented approach and expands our P5 portfolio.”

The P5 Pack series is equipped with all the functions that enable efficient print production of corrugated boards. An innovative material guide and pressure rollers system aim to ease production. Automated corrugated edge holders avoid collisions between the print heads and the substrates. The width and height are set automatically by simply selecting

the media channel in the software, which significantly reduces set-up time.

The P5 Pack series includes the sensor-controlled Multitrack 6 function. Managed by 6 independent printing queues, this enables up to 6 corrugated boards to be printed in parallel by manual feeding.

Starting with software for the print file creation, up to the finishing process, the automation of the production processes plays a major role.

To maximize production potential of the printing system, the P5 Pack series, as all P5 printing systems, can be equipped with the proprietary Durst Workflow Rip/Color Management and Analytics software.

In this context, the P5 350 HS Pack can be combined with the Durst Automat MT. With this new solution for the automatic feeding and stacking of boards, up to 4 lanes can be processed in parallel. The multi-lane operation of the Automat MT works together with the Multitrack 6 function of the P5 350 HS Pack. Finely tuned movements of the suction elements

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in combination with a reinforced blow and brush bar result in clean and fast media separation, even with difficult synthetic boards and thin substrates.

Continuous and stable production is ensured by pneumatically controlled flaps that prevent the materials from slipping during the loading and unloading process.

The entire printing process is continuously monitored by surveillance cameras.

The feed and delivery tables have also been further developed to ensure smooth transportation of the boards. „With the Automat MT, we can map different levels of automation, ranging from 3/4 to full automation. This allows us to raise our customers' productivity to a new level," assures Christian Harder, Vice President Sales at Durst Group.

As part of the P5 Pack series, Durst is introducing a new ink set that is specially tailored to the requirements of display and packaging printing. The Luvera LED ink is characterized by low odor and high abrasion resistance. With this new ink, Durst has succeeded in covering an even wider color gamut to give displays and packaging a high level of vibrancy. The Luvera inks are also Ikea and IOT-Mat compliant.

The Luvera LED ink is the result of a holistic ink development program that Durst has undertaken in the last years, which will expand the Durst Ink portfolio during 2024 to cover a wide range of applications and market requirements. The new ink generation will take Durst's ink system to the next level.

The availability of the P5 Pack series is planned for Q3 2024.

ROQ revolutionizes Digital Printing with Launch of ROQDigital.com

ROQ International and ROQ.US proudly announce the unveiling of ROQDigital.com, a pioneering platform exclusively dedicated to

the burgeoning world of digital print. ROQ Digital Engineers have meticulously crafted a seamless fusion of function and form with orchestral precision that stands to redefine what's possible with digital print.

Recognizing the unique workflows and opportunities inherent in digital printing, ROQ International and ROQ.US have collaborated to establish ROQ Digital. This dedicated space serves as a comprehensive hub for digital print Business Owners and Operators, offering unparalleled insights, advanced machinery, personalized support, and invaluable resources.

Fernando Pinto, CEO of ROQ Group, emphasizes the significance of this initiative, stating, „The digital path presents distinct workflows, terms, and considerations, along with tremendous advantages. Our vision for ROQ Digital is to provide a platform that not only explores but also expands upon the extraordinary benefits and possibilities within the digital printing realm."

Echoing Pinto's sentiments, Ross Hunter, President of ROQ.US, affirms, „ROQ Digital represents a quantum leap in our commitment to offering immersive insights into the world of digital print. From cutting-edge machinery to industry-leading solutions and tailored support, our platform empowers our Partners to unlock transformative capabilities for their businesses."

Transforming Flexo Printing: Cutting-Edge Sustainable Solutions to Take Center Stage

Asahi Photoproducts, and subsidiary of the Asahi Kasei Corporation, reported that the company is well into its drupa preparations to ensure that its exhibit is a prime destination for anyone participating in the flexographic industry. It has been eight (8) years since the last drupa, and you can expect many new technologies as

well as a peek into the future of the industry at this world's largest printing trade show.

Scheduled for 28 May through 7 June 2024 at Messe Düsseldorf, Germany, drupa is the destination for forward-thinking owners and managers in the broader printing industry.

Why Visit Asahi Photoproducts at drupa?

„Since our company was founded more than 50 years ago," said Dieter Niederstadt, Asahi's Technical Marketing Manager, „we have been developing sustainable printing plate materials such as our liquid APR resins which are processed with water. Our goal, and that of our parent company Asahi Kasei, is to bring to market products that create for life and living and a more pleasant working environment."

„With the majority of flexographic platemaking still using solvent-wash processes," Dieter added, „we will also be helping visitors to our stand at drupa understand how easy the Road to Solvent ZERO is, making their operations more sustainable and offering a more pleasant ambient environment for workers. The first step is to switch to reduced solvent plates, such as Asahi's AFP-R CleanPrint plate, which reduces solvent usage by 30% with no need to make any additional equipment investments - simply switch plates and you are on the Road to Solvent Zero.

At drupa 2024, Asahi will be sharing how this is accomplished with three themes:

Sustainability: Helping flexographic plate makers and printers along Asahi's philosophy of the Road to Solvent Zero while reducing water and energy consumption, and improving productivity and quality on press. Our AWP-DEW and AWP-CleanFlat water-wash plates are certified Carbon Neutral in collaboration with The Carbon Trust. In addition, visitors to the Asahi stand will learn how they can save up to 85% of wastewater usage using the AWP-Loop

water recycling unit.

Printing Excellence: We will be displaying a full range of flexographic plates, including introduction of new plates. Designed for printing on paper, corrugated and recycled film. Because of their precise color to colour register accuracy on press, our plates are ideal for using Expanded Color Gamut printing technologies for both printing excellence and increased sustainability.

Automation and Digital Transformation (DX): At drupa 2024, we will share with visitors the ultimate in automation for flexographic platemaking: CrystalClea-Connect, co-developed with Esko and Kongsberg. This breakthrough system, already installed in several locations around the globe, reduces the platemaking process from 12 steps to 1, reducing labor, minimizing potential for error, and resulting in a press-ready plate. An additional digital service we are offering is our remote technical support based on either smart glass or smartphone depending on the customer preference.

Dieter Niederstadt concluded, „We look forward to seeing you at drupa 2024 and working together to journey down the Road to Solvent Zero!“

Change at the top of Altanas Supervisory Board

The specialty chemicals group Altana has a new Chairman of the Supervisory Board. Prof. Dr. Frank Richter, who has been a member of the Supervisory Board of Altana AG since May 2020, has been elected to this position. The industrial engineer and Managing Director of SKion GmbH takes over from Dr. Matthias L. Wolfgruber, the former Chairman of the Management Board of Altana AG. Dr. Wolfgruber, who has been a member of the Supervisory Board since March 2016 and its chairman since May 2020, stepped down due to reaching the age limit at the end of his term.

The Supervisory and Management Boards extend their sincere appreciation to

Dr. Wolfgruber for his many years of dedicated service and support for the Altana Group.

Mr. Ruud Joosten, who has been CEO of the Executive Board of Royal BAM Group since 2020, was newly elected to the Supervisory Board. Ulrich Gajewiak and Dr. Susanne Klatten continue in their roles as deputy chairpersons of the Supervisory Board.

„We express our heartfelt gratitude to Dr. Wolfgruber for his exceptional support and valuable impetus throughout the years and wish him the very best in his future endeavors,“ said Martin Babilas, the CEO of Altana AG. „Simultaneously, we warmly welcome Mr. Joosten to the Altana AG Supervisory Board. We are delighted to have Prof. Dr. Richter assume the chairmanship. His many years of experience and expertise will enrich the company.“

„I look forward to building on the trusting collaboration we've had thus far and accompanying the Altana Group's journey ahead as Chairman of the Supervisory Board,“ said Prof. Dr. Frank Richter. „The potential of this company is truly remarkable. I'm very happy to contribute to its further success and sustainable development.“

Inkcups introduces MagiCoat Mini Pre-Treatment System for Glass and Metalized Vessels

The Inkcups portfolio expands with a downsized variant of the MagiCoat Pre-Treatment System. The MagiCoat Mini stands as the solution for businesses seeking to optimize their operations, offering streamlined pre-treatment processes for glassware and metalized-coated drinkware. With a capacity to pretreat up to 600 parts per hour, facilitating production with ease. Global printing industry leader Inkcups announces the worldwide launch of the MagiCoat Mini. This innova-

tive system, a scaled iteration of the highly regarded MagiCoat Pre-treatment System is equipped with state-of-the-art features in a compact footprint to meet the needs of those with lower production demands looking to pretreat glass and other drinkware vessels for optimal adhesion.

MagiCoat Mini Feature Overview:

- Pretreat up to 10 items per minute
- Boasts a dedicated flaming station and an advanced flaming head
- Features four independently rotating stations, ensuring consistent quality
- Utilizes a fine mist spraying system for even application

The MagiCoat Mini hosts four independently rotating stations, one flaming station, a digital temperature control and one flaming head, working in conjunction with MagiCoat Solutions part A, B and C to promote adhesion on tapered and straight walled cylindrical vessels made of glass and other materials. Together the MagiCoat Mini and MagiCoat Solution can achieve up to 200 residential washes or up to 600 industrial washes.

With temperature detect, a key feature, the MagiCoat Mini automatically indexes upon reaching the optimal temperature to facilitate a uniform pre-treatment.

Additionally, it utilizes a water-based primer, MagiCoat Solution, that complies with the stringent regulations of FDA 21 CFR 175.300, CPSIA, and California Prop 65.

MASTHEAD

published by:

Blömer Medien GmbH
Freiligrathring 18 - 20, 40878 Ratingen
Telephone 0 21 02/1 470 870
Online: <http://www.worldofprint.com>
Publisher: Dipl.-Kfm. Andreas Blömer

Editor: Daniela Blömer
Advertising Manager: Oliver Göpfert
Production: Blömer Medien GmbH

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