

Issue
2-2021 (April)

Special section **Digital Printing today**

Flexo+Tief Druck

Our editorial staff is preparing the following focus topics:

Countdown to virtual.drupa: Trends – exhibitors – new products

“We turn challenges into new opportunities.”

- This is the slogan that virtual.drupa adopted and it describes the current situation on the trade fair landscape very aptly. While more than 1,800 exhibitors from over 50 countries and 260,000 visitors took part in the leading international printing trade fair in 2016, we all have to be content with a digital format at the moment. Flexo+Tief-Druck reports on trends, exhibitors and new products at virtual.drupa.



Flexo printing forme production and manufacturing of gravure cylinders (engraving/imaging, galvanic technology, mounting sleeves, plate mounting, plate mounting tapes)

→ More effectiveness, more precision

In the production of embossing and gravure cylinders, large surfaces are structured with high resolution. Fast process cycles require a more efficient structuring process of several square meters in micro-precision in the shortest possible time. Depending on the particular application - depending on whether the focus is on productivity or the highest resolution - different laser beam sources and engraving strategies can be used.

Software and hardware solutions for prepress/print production/ERP/business organization

Colour communication – colour management

Printing inks (colour systems, colour viscosity measurement, residual ink management, colour dosing, colour measurement)

→ Why now is the right time to switch to water-based printing inks

The reservations about water-based printing inks for flexible packaging are still great. In ten years, BASF has created three generations of resin technologies that are used to formulate water-based printing inks. In fact, everything has evolved: not just the binders, but also the entire ink formulation, the flexo and gravure printing machines, and the substrates.

Cleaning agents - tailored to the respective application

Anilox rollers/sleeves: the right specification for different applications

Interaction of application systems (anilox rollers, doctor blades, chamber doctor blade systems, ink supply)

Publication date
6 April 2021

Editorial deadline
10 March 2021

Advertising closing
17 March 2021

Flexo+Tief-Druck 2-2021 (April) will appear in the run-up to this important industry event:

virtual.drupa
20-23 April 2021

Flexo+Tief-Druck Leading German-language technical magazine for package printing and converting industries

Flexo+Tief-Druck Current product and industry news

Flexo+Tief-Druck New since 2020 with the section Green Package Printing – Ecology and Sustainability in package printing

Flexo+Tief-Druck In the special section **Extrusion & Converting** everything revolves around the packaging film

Flexo+Tief-Druck The special section **Digital Printing today** focuses on digital package printing

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Flexo and gravure printing machines for the current requirements in package printing

→ New digital automation module for flexographic printing machine

Special Digital Printing today

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→ Innovations in digital printing:

Migration-optimized digital colour systems for package printing

With the increasing acceptance of digital printing in the various application areas of package printing, the range of requirements for digital colour systems has expanded. The migration behaviour of colour systems is moving into the focus of decision-making by packaging printers and plays a decisive role in the selection of a digital printing machine.

→ Digital printing on packaging films: Digital printing in very short runs

The company PrintsPaul has very compact digital printing systems based on toner in its extensive portfolio, with which stand-up pouches can be printed efficiently and in high quality in small to medium runs. Due to their compactness, the printing systems can be operated in almost any environment - be it in the office or in larger production environments.

→ Digital printing on packaging films: Labelprint24.com continues to expand package printing

With the investment in an HP Indigo 20000, Labelprint24.com is gradually expanding digital package printing. The Saxon company, whose production was originally geared towards label printing, has consistently expanded its range in recent years and is now one of the leading German system providers of packaging materials.

→ Workflow management in digital printing

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