

Our editorial staff is preparing the following focus topics:

## Report on virtual.drupa: Stock-taking – Opinions, analysis and trends

“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. In the middle of the corona pandemic, Messe Düsseldorf has brought a digital trade fair format on the screens. Flexo+Tief-Druck reports on trends, exhibitors and new products at virtual.drupa.



## Package printing – analog, digital or hybrid?

### → Produce sustainable packaging in high quality

With the new CI flexo printing machine, Zöllner-Wiethoff not only wants to print and refine fine gift wrapping paper, but also produce sustainable, high-quality packaging. The company has extensive know-how in dealing with the printing material „paper“ as well as with water-based printing inks and varnishes. In an exclusive interview, Flexo+Tief-Druck spoke to those responsible at Zöllner-Wiethoff about the company's realignment.

### → Migration-optimized digital colour systems

For digital printing in the packaging sector, the range of requirements for colour systems has expanded. The migration behavior of colour systems is moving into the focus of decision-making by package printers.



## Printing machines and converting systems for packaging production – latest developments (IoT, networking, full automation)

## Fully automatic printing forme and embossing roller production – how far are we?

### → Cover story: Flexo printing plates for fiber-bound substrates

In recent years, the Kodak Flexcel NX system technology from Miraclon has significantly increased the quality of flexo printing plates and thus that of flexible packaging printing. But can Flexcel flexo printing plates maintain this high level of performance when printing fiber-bound and absorbent substrates (especially corrugated cardboard)? These and other questions are discussed in detail in the cover story of Flexo+Tief-Druck 3/2021 (June).

### → More than just plate mounting

Modern systems for automatic plate mounting not only avoid unforeseen machine downtimes due to incorrect plate mounting, they also record the topography of the flex printing plate. The data generated in this way are used to automatically preset the register and the contact pressure in the flexo printing machine.

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**Flexo+Tief-Druck 3-2021 (June)** will appear in the run-up to this important industry event:

**RosUpack,**  
Moskau/RUS:  
15–18 June 2021

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

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Issue  
3-2021 (June)

# Flexo+Tief Druck

## → 30 years of Schepers - laser technology for gravure and embossing cylinders

Schepers recognized the great potential of laser technology early on. Driven by the innovative spirit of the founder Hans-Georg Schepers, the company has had unique know-how since it was founded in 1991, on the basis of which high-tech laser systems for the production of gravure cylinders and embossing rollers are developed for a wide variety of applications.

## Surface (pre-)treatment (corona, plasma, ionisation, mechanical web cleaning, etc.)

## Electrostatic and surface cleaning in printing and converting

### → Web cleaning is more important than ever

Paper substrates are increasingly being used to manufacture flexible packaging. However, paper dust and the finest dirt particles on the paper surface can significantly impair the print quality. While web cleaners provide a solution to contamination on the substrate, electrostatic solutions prevent re-soiling of the surface.

## Printing peripherals: ink kitchen, washing machines, distillation units, storage and logistics systems

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