

Our editorial staff is preparing the following focus topics:

## Package printing – digital, analog or hybrid?

### Gravure printing machines – latest developments

#### → New features for increased sustainability and cost efficiency

Despite its undisputed leadership in print quality and consistency, gravure package printing is often seen as somewhat antiquated and not particularly innovative. With its solutions, Bobst shows that this is not the case. The Swiss company is concentrating on the use of technologies that are intended to ensure high cost efficiency and sustainable operation at the same time.

#### → Is 7C possible in gravure printing?

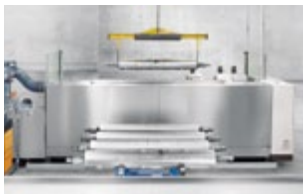
Frequent colour changes and special colours are major cost drivers in package printing. While 7C is used in flexo printing, this technique of colour separation in gravure has not yet been used. But also in gravure printing it offers numerous advantages.



Quelle: Windmüller & Hölischer

### Manufacturing of gravure cylinders and embossing rollers

#### → Leader in gravure forme production



Quelle: Aingar Wessendorf

Huhtamaki is one of the world's leading packaging manufacturers. But what very few people know: with around 160,000 cylinders, the group is also one of the world's largest gravure printing forme manufacturers. This makes him a sought-after partner in the supplier industry.

#### → Colour saving through laser engraved gravure cylinders

Different screens from electromechanical engraving and from laser engraving were compared. This opens up new possibilities for achieving in gravure printing the same colour density with less printing ink. Stefan Beilenhoff in his article reports on amazing results.

#### → Tailor-made embossing rollers

Gravion from Rheinfelden is successfully active in this area. The start-up company has become a sought-after partner when it comes to the production of customized embossing rollers for a wide range of premium applications. His specialty: the lasering of embossing structures directly in steel, among other things for packaging applications.

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

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Special section **Digital Printing today**

# Flexo+Tief Druck

## Pre-treatment for substrate surfaces (Corona, plasma, ionisation, mechanical web cleaning, etc.)

### Electrostatics and web cleaning in printing and converting

Paper as a substrate is increasingly used in the production of flexible packaging. Paper dust and other dry, unbound contaminants on the web surface can severely disrupt the printing process and lead to customer complaints about the delivered printing goods. To avoid this, the installation of a web cleaning system in the printing machine is highly recommended. But which web cleaning system is the right one?

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

### Special Digital Printing today

#### → Innovations in digital printing

The latest generation of digital printing machines for the label and packaging sector from Xeikon and HP Indigo with their numerous new features should increase the print quality and above all the productivity. We present this innovations in detail in our special.

#### → Digital printing on packaging films

#### → Workflow management in digital printing

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