

Issue  
4-2022 (July)

Special Section  
**Funktionales Drucken**

**Flexo+Tief  
Druck**

Our editorial staff is preparing the following focus topics:

#### Issue for the DFTA ProFlex

In September we will meet again in Stuttgart for the ProFlex: digital becomes real again! We report in advance and are on site.

**PROFLEX**  
Das FlexoEvent.

#### Corrugated cardboard, carton and paper (prepress, preprint, postprint, die cutting and embossing technologies)

##### → Market leader in the inline processing of corrugated board

The Klingele Paper & Packaging Group was closely involved in the development of the Bobst Masterline right from the start. The group of companies now uses four of these high-performance lines in its processing plants for the inline production of premium packaging from corrugated cardboard. This gives it a unique selling proposition in the European market. The latest addition is a Masterline 2.1 with seven printing units that went into operation in mid-2019 at the Hilpoltstein plant.

##### → A company on an expansion course

Sustainability and e-commerce bring high growth rates to the corrugated board industry. At the same time, the demand for digital printing systems and hybrid solutions for printing corrugated board is also increasing. Macarbox is an up-and-coming machine manufacturer for processing corrugated board. The Spanish company, which is on an expansion course, has installed more than 80 systems worldwide within its 10-year existence with many follow-up orders from the largest corrugated board producers.



Source: Macarbox

##### → The best from both worlds

The Kenton hybrid printing line was specially designed for printing on corrugated cardboard. What makes it so special is that it intelligently combines flexographic and digital printing by consistently using the respective procedural strengths of the two printing processes. This extremely interesting flexible machine concept was developed by the Spanish company Kenton in order to produce cost-effectively and to implement new market requirements in a timely manner.

#### Printing and converting of „new“ packaging substrates

#### Machine concepts in flexo and gravure printing for different areas of application

##### Retrofit / used machines

##### → Almost new

As a manufacturer of high-quality gift wrapping paper and packaging, Stewo naturally has to place the highest demands on the production quality of its machines. Against this background, the Swiss company had its Lucerna Concorde Schiavi 6-color gravure printing machine upgraded with a new Registron S 6100-D register control system and the latest drive and control technology. It uses it to produce most of its wrapping paper.

#### Cleaning of large format anilox rollers

The laser process is increasingly being used successfully for anilox roller cleaning. LaserClean recently launched a new laser system for the efficient and residue-free cleaning of large-format anilox rollers for corrugated printing.



Source: LaserClean

**Publication date**  
5 July 2022

**Editorial deadline**  
10 June 2022

**Advertising closing**  
17 June 2022

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**DFTA Specialist Symposium „Printed Electronics“,**  
Freiburg / FRG: 6-7 July 2022

**Fogra Specialist Symposium „Colour Management“,**  
Munich / FRG: 6-7 July 2022

**DFTA ProFlex,**  
Stuttgart / FRG:  
14-15 September 2022

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## Sleeve and adapter systems in flexo printing

### → Not an easy decision

Cliché tape or self-adhesive sleeve for mounting flexographic printing plates? This question is often not easy to answer. Which of these two mounting systems are used depends on many parameters and their interaction. But the mixed use of both systems can also make sense. Both technical and economic aspects must be taken into account.

## Quality control for packaging of sensitive products

Against the background of the particularly strict zero-defect production policy required in the pharmaceutical sector and the associated quality controls, Constantia Tobepal Spain saw the need to invest in new technologies for quality assurance for all material processing processes. As a result of these high requirements, a cooperation agreement was concluded between Constantia and Grafikontrol.

## Special Functional Printing

### – Intelligent Labels & Packaging (n° 2/2022)

Twice a year, everything revolves around intelligent labels and packaging in our Functional Printing special.

- Process for printing electronic components/circuits/sensors
- Silver inks and special printing inks
- Quality assurance for printed electronics
- Tracking labels/smart labels/Augmented Reality/Rfid/NFC
- Pharma labels/tamper-evident seals

Special Section **Funktionales Drucken**

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