

Issue
5-2019 (September)

mit Special

Extrusion & Converting

Flexo+Tief
Druck

Our editorial staff is preparing the following focus topics:

Prepress Flexo Printing

→ More productivity, more quality

Last year, Stichnothe Druckformen invested in a new system for flexo plate production that enables plate imaging and exposure in a single process. In addition, Stichnothe processes the new Cyrel DLC flexographic printing plate for direct corrugated board printing. Flexo+Tief-Druck talked to their responsables about the background to this investment decision.

→ Correct specification of flexo printing formes (Flat top dots, surface screening)

Prepress Gravure Printing

→ Gravure cylinders and embossing rollers for high-value packaging

Topic sustainability

→ Cleaning of anilox rollers, printing plates, sleeves and accessories

→ Recycling/waste disposal (solvent recovery, distillation, edge trim removal etc.)

Printing Presses and Peripherals – Trends and Solutions

→ Visiting Bobst in CH-Lausanne

Reorientation, new CI machines, new packaging materials, digital transformation - in an exclusive interview Stephan März (Head of BU Web-fed at Bobst), Mark McInulty (Managing Director Bobst Bielefeld) and Eric Pavone (Business Development Director at Bobst) discusses the current packaging challenges.

→ CFRP composites and their advantages – The trend is towards carbon fibre (part 2)

There is an increasing trend for using carbon fibers for components such as sleeves, rollers and cylinders. This article aims to evaluate the use of CFRP in the printing industry and other related industries.



Quelle: Pronexos

→ The phenomenon of electrostatics

Not all electrostatics problems are to be satisfactorily interpreted or answered. Extensive experience of a specialist finally led to explanations about special mechanisms of formation of electrostatic charges on webs.

→ Flexo printing presses - Precise adjustment of ink viscosity

The system calibration for color viscosity control on flexographic machines is predominantly carried out with the measuring cup (4 mm). This method is very imprecise. Alternatives to conventional measuring sensors promise improvement in this respect.



Quelle: Rheonics

Publication date
9 September 2019

Publication date
12 August 2019

Advertising closing
19 August 2019

Flexo+Tief-Druck 5-2019 (September) will appear in the run-up to this important industry events:

DFTA Fall Conference
Dortmund/FRG
11 September 2019

FachPack
Nuremberg/FRG
24-26 September 2019

Labelexpo Europe
Brussels/B
24-27 September 2019

K-Show 2019
Dusseldorf/FRG
16-23 October 2019

ERA Packaging & Decorative Conference
Kiel/FRG
6-7 November 2019

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→ **Labelfire becomes „Boardfire“**

Philip Morris International (PMI) is working hard to integrate digital folding carton printing into its production environment. PMI relies on the hybrid machine concept of the Labelfire from Gallus, which is normally designed for label printing.



Quelle: Callus Ferd. Riesch AG

→ **Storage and logistic systems for printing formes, sleeves and accessories**

Inspection and Control Systems for difficult applications

→ **Inline spectral measuring instruments (Part 4)**

This article series explains the current state of inline spectral measuring devices with a focus on roll-to-roll printing processes. Because the increasing digitization in the printing industry is directly linked to the fast and possibly automatic acquisition of measured values during the printing process.

New! Special Extrusion & Converting

Flexo+Tief-Druck in his new special „Extrusion & Converting“ deals intensively with the current challenges in film production and further processing.

In our second special we cover the following topics:

- **Film pre-treatment (corona, plasma)**
- **Technical rollers, air shafts, brakes, spring bearings, winding shafts etc.**
- **Coating and metallisation**
- **Laminating: Which application systems and adhesives for which compounds?**

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