

Issue
5-2020 (September)

Special Section Extrusion & Converting

Flexo+Tief
Druck

Our editorial staff is preparing the following focus topics:

30 years Flexo+Tief-Druck

Since 1990, Flexo+Tief-Druck has been accompanying, explaining and commenting on significant developments in package printing and related printing areas. Our anniversary offers an opportunity to look back, take stock and look into an exciting future.



- **Flexo printing – from potato print to the leading package printing process**
- **Flexo printing forms 1990 and 2020 – a breathtaking development**
- **Three decades of gravure printing: print quality at the highest level**
- **Manufacturing of gravure cylinders in the 21st century – stable and innovative**
- **Packaging trends 30 years ago and today**
- **Printing technologies of the future**
- **Packaging 4.0 – on the way to fully crosslinked packaging production**

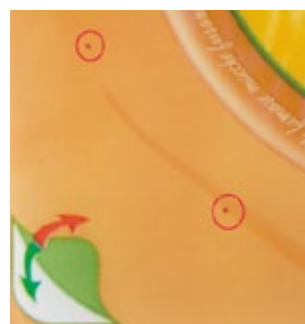
With Ruby, the mechanical engineering company Windmüller & Hölscher has launched a new IoT system for digitizing the value chain in the packaging industry. Linking digital data with process knowledge should create a wide range of options for data-based optimization of production processes: Ruby is offered as a platform with extensions for extrusion, printing and processing. According to W&H, the new IOT system enables data to be evaluated automatically and, based on this, to offer digital services to optimize production processes.

Special Extrusion & Converting

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- **Film technology – extrusion – lamination**
- **Standardization of print quality for foils and foil composites**

Under the umbrella of the IK Industrievereinigung Kunststoffverpackungen e.V., experts from IK member companies have drafted an interesting document for assessing and standardizing the print quality of primary packaging made from foils and film composites.



Source: IK

Publication date
14 September 2020

Editorial deadline
18 August 2020

Advertising closing
25 August 2020

Flexo+Tief-Druck 5-2020 (September) will appear in the run-up to this important industry event:

DFTA ProFlex 360° virtual event
16 September 2020

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→ **Surface preparation – answers to the most important questions**

Have you ever wondered why it is difficult to write or print on plastic surfaces – why the ink smears when rubbed? The reason for this is the relative energy between the two surfaces, and the only way to solve the problem is to modify the surface of the plastic and increase its adhesiveness. The process that is capable of this is called corona surface treatment. We will give you the right answer not only to these, but also to other important questions about corona treatment.

→ **Coating processes: Advantages and disadvantages, areas of application**

→ **Quality control systems in the manufacture of flexible packaging**

In the film and packaging industry, the issue of circular economy has been gaining in importance for years. The industry is going through a radical change, which also places new demands on quality assurance systems. But to what extent can a system solution provider like BST eltromat help to improve the ecological balance of manufacturing processes in packaging production?

→ **Winding up properly: Technical rollers, expansion chucks, brakes, safety chucks, winding shafts**

→ **Laser systems in packaging converting**



Quelle: Svecam

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