

Issue
4-2022 (August)

Special Section **Funktionales Drucken**

Etiketten Labels

Our editorial staff is preparing the following focus topics:

Fair issue Labelexpo Americas 2022

At Labelexpo Americas 2022, the largest event for the label and packaging printing industry in America, the industry's leading suppliers will present their latest machines and materials. We report on the trends and new products that we can expect at the fair.



Fair issue FachPack 2022

FachPack sees itself as an important signpost for the European packaging industry and its customers and would like to offer the industry orientation. The new key theme for 2022 is therefore „Transition in packaging“ and is dedicated to the strong currents that are currently affecting the packaging industry. Topics such as sustainability, circular economy, digitization and e-commerce are changing the packaging industry profoundly. What shopping behavior will consumers show in the future? All of these topics are not just a task for the packaging industry, they also offer a great opportunity for change. We report on the trends and new products that we can expect at the fair.



Printing technology: latest developments, conventional and digital

→ Quo vadis label industry

The influences hitting the label industry could hardly be more complex. It takes some navigation skills to reach a safer port unscathed. The „homemade“ influencing variable, not to speak of problems, is the increasingly rapid concentration in the label industry and among suppliers. We deal with the causes.



Source: Gallus

Printing machines (conventional, hybrid, digital)

→ Mega Screen combines stability and easy processing

Extraordinary design effects in rotary screen printing can now be reliably implemented with Mega Screen up to medium print widths. The screen material developed by Gallus Screen Printing is characterized by a simple manufacturing process and a stable screen structure. The company is thus supplementing formats that, in addition to labels, also cover flexible packaging.



Source: Konica Minolta

→ Digital printing successor

The Konica Minolta Accurio Label 230 has been on the market for a few years, but the company has now announced a powerful successor. We present the new system and its new technical possibilities.

Prepress / Printing forme production (printing plates, imaging systems, screening processes)

Substrates

(paper, films, thermal material, metallized materials, etc.)

Climate and conditioning in the printing room

In the printing room of a label printing plant, good air conditioning is an important basis for error-free production, also due to the wide variety of substrates that are used. We deal with the basics and requirements for the right climate.

UV and LED-UV – curing and drying in label printing

Publication date
4 August 2022

Editorial deadline
12 July 2022

Advertising closing
19 July 2022

Etiketten-Labels 4-2022 (August) will appear in the run-up to this important industry events:

Labelexpo Americas,
Chicago / USA:
13-15 September 2022

FachPack,
Nuremberg / FRG:
27-29 September 2022

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Etiketten Labels Well-founded and detailed technical articles

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Finishing / Converting (analogue / digital / hybrid)

Ecology & Sustainability: Sustainable substrates, recycles

→ **Sustainable metallization for the graphics industry**

EcoLeaf is a new category of metallization for the graphic arts industry. It is used to finish labels, folding boxes, flexible packaging and more. Because only the exact amount of metal needed is used, EcoLeaf eliminates the need for hot and cold foil.

Special Functional Printing

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

Special Section **Funktionales Drucken**

Functional printing goes beyond the „intelligent labels“ that we have so far considered in isolation for Etiketten-Labels. From 2022, we deal with this topic in detail and across all sectors for package and label printing. In our special, we examine the different forms of functional printing, the suitable printing processes and the fields of application in practice.

→ **Processes for printing electronic components / circuits / sensors**

→ **Silver inks and special printing inks**

→ **Quality control for printed electronics**

→ **Tracking labels / smart labels / Augmented Reality / RFID / NFC**

→ **Pharma labels / tamper-evident seals**

→ **3D printing and tactile labels**

Tactile elements are required in many areas. The Braille fonts and warning symbols are known in particular from the pharmaceutical industry, where they identify nasal sprays, eye drops and medicines for visually impaired people. But also in the chemical industry there are tactile warning triangles on cleaning agents, fertilizers and many other products. We present several options.

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