

ExpoPrint 2022: manroland Goss and groupwork are presenting a technology change in packaging printing

Why is it profitable to rely on web offset technology in packaging printing? The challenges facing packaging printers are more demanding than ever: intricate packaging designs, multiple variants and a wide variety of job sizes... all this at the lowest possible production costs. At the same time, the demands on sustainability aspects, such as the reduction of CO₂ emissions or the elimination of solvents, are increasing. The modular VARIOMAN packaging printing system from manroland Goss offers the right answers.

- Making packaging printing more efficient with the VARIOMAN for flexible packaging, cardboard packaging or book printing.
- Redefining maintenance with MAINTELLISENSE through automated data preparation.
- Upgrading existing printing systems to today's process and quality standards with cross-model retrofit solutions.

manroland Goss web systems GmbH, in cooperation with its long-term Sales & Service Partner groupwork Brazil, welcomes all printing technology enthusiasts to their **stand VERDE | B-9-824 from 5 to 9 April 2022** at this year's **ExpoPrint & ConverExpo 2022 in São Paulo**.

"We are excited to meet our customers again in person after the challenging pandemic period", says Franz Kriechbaum, CEO at manroland Goss. "Web offset in packaging printing is one of our main topics at ExpoPrint because we see significant advantages for the high-performance packaging printers of the future using this printing system. It's definitely worth taking a look beyond the technology horizon."

VARIOMAN f, c or b? – the fitting solution for every substrate

Correct, however in this case the letters f, c and b do not stand for one of the best-known Bavarian football clubs. Rather, this refers to the flexible VARIOMAN packaging printing solutions for foil printing (f:line), cardboard printing (c:line) and book printing (b:line). On the technical base of the manroland Goss flagship model LITHOMAN, which dominates the high quality and high volume commercial and book printing market worldwide, the VARIOMAN combines the entire printing expertise from more than 175 years of company history.

Web offset technology scored well on sustainability aspects

There are several reasons why web offset technology is more sustainable than other printing solutions. For example, sleeve cylinders and automation technology

The **manroland Goss Group** is the leading supplier of web-offset printing solutions. The company provides System Solutions for highly automated press and post-press equipment, Engineered Solutions for mechanical, automation and closed-loop upgrades for all types of presses, Service Solutions for parts and labor, tele-support and service level agreements 24/365, and E-commerce Solutions for all suppliers to the web offset industry and beyond.

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increase efficiency even for the smallest jobs. The usage of electron beam curing offset inks leads to CO₂ emission savings and additionally, it offers protection against scratching and abrasion due to high rub resistance. An additional important topic: 100% solvent-free printing inks contribute to savings in explosion protection and exhaust air cleaning.

Data-based maintenance with MAINTELLISENSE ensures more efficient processes

"How can we make the daily generated machine data work for our customers? How can we simplify their everyday production? Our goal was to develop a practical solution for this. The result: MAINTELLISENSE", says Franz Kriechbaum. "Our data-driven maintenance platform MAINTELLISENSE has now been on the market for two years and is redefining our customers' daily production routine."

A press collects around 45,000 lines of logbook data within 24 hours. MAINTELLISENSE automatically evaluates these and illustrates the results in transparent graphics. What is remarkable about it: specially programmed algorithms not only prioritize the error messages, but also establish important correlations between the events. This makes it clear, at a quick glance, where the intervention of a technician is required, avoiding unplanned machine downtimes at the best.

Retrofits are a pre-condition for the digitization of existing press installations

Existing plants can no longer be operated competitively without working measurement and control systems, and additional automation upgrades. Often, the investment in a new machine is not yet intended. In this cases, upgrading to the latest hardware and software on existing machines brings quality and productivity back to a profitable standard. This saves resources and makes the plant fit for future orders.

The expert teams from manroland Goss and groupwork Brazil welcome all interested parties to the **stand VERDE | B-9-824** and look forward to a personal dialogue.

For press and interview appointments, exclusively with Franz Kriechbaum, CEO of manroland Goss web systems, please send an Email to:

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