

## manroland Goss at K-Messe 2022: The new standard for high-quality, efficiency and sustainability for packaging printing

**The new standard: Reducing CO<sub>2</sub> emissions, using less solvents and lowering power consumption. Effective environmental solutions and economical resource-saving printing are the most important factors in a modern packaging printing press. The packaging industry strives to achieve highest quality printing and greater efficiency. The modular packaging printing system VARIOMAN by manroland Goss offers tailor-made solutions. The sophisticated web offset technology serves substrates from film to cardboard according to customer requirements.**

- Highest printing quality combined with a constant, stable and high printing speed, all while maintaining low production costs.
- State-of-the-art technology and high-level automation enables optimized processes, higher sustainability and lowers the time-to-market.
- Make full use of the sustainability advantages with rotary web offset solutions made by manroland Goss.

**From 19 to 26 October 2022**, manroland Goss web systems GmbH will be at **booth B40 in hall 4 at K-Messe 2022**, demonstrating that **efficient and sustainable printing of packaging using the offset process is the new standard**. All interested parties and printing enthusiasts have the opportunity to inspect a printing unit of the VARIOMAN f:line up close and speak with our experts.

### VARIOMAN f:line, c:line or b:line – a solution for every substrate

Whether its film, cardboard or book printing – the VARIOMAN packaging printing equipment offers the right solution for every substrate. The manroland Goss flagship model LITHOMAN, dominates the high-quality and high-volume illustration and book printing market worldwide. The VARIOMAN combines comprehensive web offset printing expertise with 175 years of company history and thousands of installed systems. The VARIOMAN models have been specially developed for packaging printing and are designed to meet the new environmental and recycling requirements.

### VARIOMAN f:line – the fitting solution for flexible packaging printing

f:line specialises in printing on film and paper from 10 to 300 µm. Depending on customer requirements, it can be individually designed for a wide variety of web widths and running speeds of up to 400 m/min. One of the biggest advantages is the integrated offset sleeve technology, which allows a broad production variety through fast production changes, even for small runs. Added to this are fast, connected and powerful processes, reducing waste and production costs while maintaining the highest possible print quality. The established PECOM-X drive, operation and

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.

manroland Goss web systems GmbH  
86219 Augsburg

Dr. Daniel Raffler

Office +49 (0) 821 424 45 85

Cell phone +49 (0) 170 92 62 891

daniel.raffler@manrolandgoss.com

Photos can be downloaded via  
[www.flickr.com/photos/manroland\\_web\\_systems/](https://www.flickr.com/photos/manroland_web_systems/)

This press release contains projections for the future based on the well-founded assumptions and prognoses of the management of manroland Goss web systems GmbH. Though management believes these assumptions and estimates to be correct, actual developments in the future, as well as actual operating results, may deviate from those put forward by management due to factors beyond the control of the company, such factors to include, for example, fluctuating exchange rates, changes within the graphic arts industry, or any other unforeseen economic and/or market transformations. manroland Goss web systems GmbH makes no guarantees that future developments and/or future operating results will match any of the numbers and/or statements put forth in this press release and assumes no liability if such situations arise. Furthermore, no responsibility is assumed for updating any of the statements and/or figures contained.

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004/2022 | 2022-09-26 | 2/2

workflow management system with integrated system control ensures cost-effectiveness and high productivity.

## **Rotary web offset technology convinces in terms of sustainability**

The offset printing process performs better than other printing processes in terms of sustainability for several reasons. For example, there is significantly less wasted ink because printing units do not have to be constantly cleaned. The precise register-true printing of the VARIOMAN offset solution forms the basis for high-quality printing with standardized 6- or 7-color systems (ECG = Expanded Color Gamut). This completely eliminates the need for changing ink color and the associated washing agent and ink consumption. This also allows significantly shorter setup times. CO<sub>2</sub> emissions are reduced by using electron beam inks, which do not require conventional hot air drying and thus require less energy consumption. Big plus: 100% solvent-free printing inks contribute to explosion protection and exhaust air purification.

## **manroland Goss builds on great relationships with their customers**

manroland Goss meets customer requirements – whether from a technical point of view or in service. As a powerful and reliable partner for the printing industry, manroland Goss continuously develops new solutions for changing market requirements and creates reliable machines for the future.

The comprehensive life-time service offers customers an important market advantage. The configurable service packages include emergency technician support as well as data-based maintenance using the MAINTELLISENSE platform or a newly developed app called partium, which simplifies and accelerates spare parts identification and ordering.

manroland Goss supports customers all over the world around the clock with experts from all areas – whether in 24/7 remote service or in the online shop for spare and wear parts.

The team of experts from manroland Goss welcomes everyone to booth B40 hall 4 and is looking forward to a personal one-to-one conversation.

You can arrange press and interview appointments at:

[publicrelations@manrolandgoss.com](mailto:publicrelations@manrolandgoss.com)