**Press Release**

**Koenig & Bauer Delivers Two Rapida 145 Presses to Schur Pack Germany**

Long-standing partnership confirmed with a comprehensive package of measures for more sustainability and climate protection at the Gallin plant

* Flagship installation in terms of automation and ecology
* New features for significant energy savings
* Two presses, 14 printing and finishing units, double-pile deliveries
* Navigated printing and additional digitalisation features
* Operation to start in 2025

Radebeul, 16.10.2024
Schur Pack Germany has ordered two large-format sheetfed offset presses from the Rapida 145 series (max. sheet format 1,060 × 1,450 mm) from Koenig & Bauer. The two six-colour coater presses are scheduled to start production next year and will lend a significant boost to sustainability and climate protection at the company’s Gallin plant in Northern Germany.

With this latest order, Schur Pack Germany has also reaffirmed its decades-long, trust-based partnership with Koenig & Bauer, one of the high points of which was the installation of three new sheetfed offset presses in 2015.

**Both Rapida 145 presses once again with double-pile deliveries**

The two new large-format Rapidas can be considered flagship installations in terms of automation and sustainability. Both high-speed presses (production speed up to 18,000 sheets/h) were once again configured with double-pile deliveries and integrated into a fully automatic AGV-based logistics system for substrate transport to and from the presses. Production with a double-pile delivery has already proved highly effective on the previously installed presses. Waste sheets are separated as they arrive at the delivery, so that the main pile contains only good sheets. AGVs then transport this pile fully automatically from the press to the post-press department.

**Corporate goal: climate protection and reduced energy consumption**

During the evaluation phase, Schur Pack Germany had placed particular importance on the aspects of technical innovation, ecology and highly automated integration into the existing production environment. To this end, a comprehensive package of measures to reduce energy consumption is being implemented. These include, among other measures:

* Incorporation of energy-saving VariDry+ large format dryer systems as a pilot project – presented for the first time at drupa, the new concept promises energy savings of approx. 30% compared to current VariDryBlue IR/hot-air systems
* Air cabinets with heat exchangers, which likewise achieve considerable energy savings
* Intelligent networking of the presses, peripheral equipment and heating energy generation (wood chip biomass boiler) for maximum energy efficiency and optimum heat distribution
* Full integration of the process heat that was previously discharged unused into the surroundings in order to reduce power requirements
* DC main drives, which are more energy efficient to operate compared to AC drives
* VisuEnergy X for company-wide logging of energy data, including monitoring and reporting, with the aim of increasing energy efficiency and lowering production costs

What’s more, the Rapida presses boast numerous features for significantly higher energy efficiency in packaging printing. This starts with established technologies such as inking units that can be disengaged when not in use, highly efficient CleanTronic washing systems, and functions to reduce job changeover waste. These are joined by systems from the QualiTronic family for inline quality inspection, including colour control based on grey balance and PDFCheck. Printshop networking, integrated workflows and digitalisation solutions also contribute to waste savings, production at the highest quality levels and maximum substrate utilisation, and define new standards for sustainable packaging production.

**High performance and maximum automation**

Schur Pack continues to play a pioneering role in the industry when it comes to digitalisation: alongside the Rapida apps for press control and inventory management, which have already been used intensively for a number of years and will now also be used for the two new Rapida 145 presses, the company is, for the first time, adopting navigated printing (AutoGuide). This system gives printers and helpers recommendations for action in plain text via the console wallscreen, or as short voice messages. Along with this information for the press crews, the system also features a special notification panel for the supervisor’s office and for the company’s maintenance employees.

Schur Pack can look forward to significant added value in two respects: firstly, the two new presses incorporate many new automation tools, and secondly, the installations will implement new (industry) standards in terms of climate protection, sustainability and energy efficiency.

Schur Pack Germany met up with Koenig & Bauer at the drupa trade fair to pay tribute to the results of a project that has been more than two years in the making – with the two partners also pledging to work together to define further new benchmarks in future.

#### Photo 1:

Management representatives from Schur Pack and Koenig & Bauer met up at drupa in Düsseldorf in May (left to right): Ralf Sammeck, executive board member for the Sheetfed segment and CEO Koenig & Bauer Sheetfed, with his wife Philippa; Hans Wilhelm Schur, CEO Schur International Holding; Klaus Madsen, managing director Schur Pack Germany and CEO Schur Star Systems; Ralf Engelhardt, Koenig & Bauer Germany; Hans Christian Schur, CEO Schur International Holding and managing director Schur Pack Germany; and Reinhard Marschall, managing director Koenig & Bauer Germany
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#### Photo 2:

Two Rapida 145 presses, each with six printing units, coater and double-pile delivery, will soon be setting new standards at the Schur Pack Germany plant in Gallin
© Koenig & Bauer

#### Photo 3:

Maximum automation has already been a hallmark of the Schur Pack Germany plant in Gallin for the past decade
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#### Press contact

Koenig & Bauer Sheetfed AG & Co. KG
Martin Dänhardt
+49 351 833 2580
martin.daenhardt@koenig-bauer.com

#### **About Koenig & Bauer**

Koenig & Bauer AG is a globally active printing press manufacturer with headquarters in Würzburg (Germany). It supplies machines and software solutions covering the entire printing, finishing and conversion process, with a particular focus on packaging. Machines from Koenig & Bauer are capable of printing on practically all substrates – the portfolio ranges from banknotes to board, corrugated, film, metal and glass packaging, and includes book, display, coding, decor, magazine, advertising and newspaper printing. With a history extending back more than 200 years, Koenig & Bauer is the oldest printing press manufacturer in the world and is today at home in virtually all printing processes. Together, the group companies count a total of around 5,700 employees. Koenig & Bauer operates manufacturing plants at eleven locations in Europe, alongside a global sales and service network. In the financial year 2023, annual sales amounted to around €1.3 billion.

Further information can be found at [www.koenig-bauer.com](http://www.koenig-bauer.com)

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#### About Schur

Founded in 1846, Schur has been a family-owned business for six generations and is today a global leader in the packaging industry. Schur is an international team of 15 companies offering a broad spectrum of packaging products (folding cartons and flexible packaging), packaging machinery, packaging automation and the associated know-how. It has a global workforce of approx. 1,000 employees and operates production facilities in Denmark, Germany, Sweden, Australia and the USA. Schur offers comprehensive solutions for carton and flexible packaging applications, including packaging machines, logistics and marking systems. Sustainability, continuous innovation and quality are the hallmarks of its work and make it a reliable partner for tailored packaging solutions all over the world.

Further information can be found at [www.schur.com](http://www.schur.com)