Press Release

# Koenig & Bauer Demonstrates Credentials as a One-Stop Supplier for Folding Carton Production

Die-cutting specialists hold an international customer event in Barcelona

* Technology Days at the new manufacturing location in Gavà (Barcelona)
* Live presentation of the CutPRO Q 106 – the benchmark in flat-bed die-cutting from Koenig & Bauer
* Folding carton gluing on the Omega Allpro 110

Radebeul, 30.03.2023  
From 21 to 24 March, Koenig & Bauer Iberica opened the doors of its new manufacturing location in Gavà (Barcelona) to existing and prospective customers from the folding carton industry. More than 90 branch professionals from 15 countries accepted the invitation to attend a series of Technology Days under the motto: “Transforming Your Post-Press with Koenig & Bauer”. They were, at the same time, among the first people to be given first-hand insights into the new premises occupied by the Koenig & Bauer die-cutting specialists since they relocated last year. They were able to experience both the modernised facilities and the new production processes in flat-bed die-cutter manufacture for themselves.

Not only that: the event also provided an excellent opportunity to become familiar with the flat-bed die-cutters CutPRO Q 106 and Ipress 106 PRO, and to get to know the Iberica team in live demonstrations and individual discussions.

### CutPRO Q 106 SB: performance benchmark

The CutPRO Q 106 SB (max. sheet format 760×1,060 mm, production speed up to 9,000 sheets/h) handled two jobs with cartons for food products and pharmaceuticals in different layouts and forms. The job changeover gave the guests a convincing impression of the fast makeready times and high level of automation (including Cut2Print register, Cut2Print PLUS register and the pneumatic quick-lock system). Other outstanding features of the high-end CutPRO Q 106 SB:

* Extremely compact design (10.9 × 6.17 m)
* Maximised output thanks to high die-cutting speeds
* High flexibility to process a broad spectrum of substrates – from 90 g/m² paper to solid board (1.5 mm) or corrugated materials (up to 3 mm)
* Outstanding quality and ultimate register accuracy thanks to the optical Cut2Print register system
* Comprehensive automation modules to guarantee the shortest possible makeready times at job changeover
* Ergonomic and convenient operation by means of touchscreens and an intuitive operating concept

### Ipress 106 PRO: reliable and versatile

The industry guests in attendance were then able to witness an Ipress 106 PRO in action processing identical jobs. This permitted a direct comparison of the two machine systems and their different scales of automation for 3b medium-format production.

The Ipress 106 PRO and the Ipress 106 K PRO (with integrated blanking) are aimed at folding carton producers who are interested in dependable, tried-and-tested Iberica technology. Equipped with the innovative DriveTronic feeder from the Rapida family of sheetfed offset presses, the flat-bed die-cutters in the Ipress series process a wide range of folding cartons in practically all fields of application. The highlights of the Ipress 106 PRO include:

* Maximum production speeds of 9,000 sheets/h (or 8,500 sheets/h for the Ipress 106 K PRO)
* High flexibility regarding the substrates that can be handled (identical to the CutPRO Q 106)
* Perfect complement to Rapida presses with a maximum sheet format of 750 × 1,060 mm
* Optical register control for stable sheet travel and perfect registration
* Comprehensive automation functions for uninterrupted production and fast makeready
* Modern control concept for maximum user convenience

### Complete folding carton production chain

To complete the process chain and to demonstrate Koenig & Bauer’s credentials as a one-stop supplier of machines and equipment for folding carton production, an Omega Allpro 110 folder-gluer could also be seen in action in Barcelona. Running at a speed of 400 m/min, it processed the freshly die-cut blanks into finished folding cartons.

Like the flat-bed die-cutters, the folder-gluers manufactured by Koenig & Bauer Duran in Istanbul offer a multitude of benefits in daily production. These include:

* Extraordinary flexibility due to format widths from 96 to 1,100 mm, covering substrates from 200 to 550 g/m² and N-, F-, E-, C- and B-flute corrugated board
* Innovative solutions to adapt the machine to cater to individual requirements and product needs
* Fast job changeovers thanks to fully automatic processes and memory functions
* Intuitive operation
* Numerous automation modules to boost efficiency
* Flexible integration of peripherals before and after the gluing process
* Precise folding and gluing: economical use of resources, minimum waste

Alongside the presentations and practical demonstrations, the guests enjoyed ample opportunities to discuss all the interesting details with their colleagues, both during the event and at an evening get-together. Guided tours around the historical city centre of Barcelona rounded off the Technology Days.

Photo 1:

Dietmar Heyduck, sales director at Koenig & Bauer (left), and Jan Drechsel, managing director of Koenig & Bauer Iberica, welcomed the trade visitors in front of a CutPRO Q 106 K PRO, the latest generation high-performance die-cutter

Photo 2:

Along with machinery presentations, guests had plenty of time to talk shop with the specialists from development, sales and service

Photo 3:

Mario Gerber, senior post-press product manager, elaborated on technical details at the CutPRO Q 106 K PRO during live presentations

Photo 4:

Further processing of the carton blanks is carried out on the folder-gluer Omega Allpro 110 straight after die-cutting

Photo 5:

Medium- and large-format flatbed die-cutters tailored to customer requirements are produced at Koenig & Bauer Iberica in Barcelona with absolute precision

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#### 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 5,500 employees. Koenig & Bauer operates manufacturing plants at ten locations in Europe, alongside a global sales and service network. In the financial year 2022, annual sales amounted to €1.2 billion.

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