Press Release

# Printer Trento – high quality standards in book production

Large-format Rapidas with new colour control cockpit

* Book production for renowned publishers
* Latest generation Rapida 164 in daily use
* Significantly more detailed colour information at a glance
* Traffic light function for an immediate overview

Radebeul, 26.01.2023
For decades now, Printer Trento in the northern Italian city of the same name has been one of the largest and most cutting-edge book producers in Central Europe. Its five Rapida large-format presses from Koenig & Bauer produce 15 million books every year. Over 150 employees handle work for renowned publishers from home and abroad in the company’s two print centres, bookbinding shop and logistics centre.

Owner Dario Martinelli and his team invest regularly in new printing technologies as the basis for excellent performance and the fastest possible production times. The latest Rapida 164 started operation at the end of 2020. To secure consistently high print quality, all the presses are equipped with dynamic measuring and control systems from Koenig & Bauer. The aim is to reduce substrate waste and significantly shorten the makeready times between individual jobs.

### Expert monitor for additional colour control tasks

To keep pace with the growing quality demands made by both publishing houses and consumers, Printer Trento is highly active when it comes to testing and installing innovative technologies – most recently new facilities for colour control. In spring 2022, Printer Trento began tests with the new expert monitor from Koenig & Bauer, which adds a separate display screen – in this case on a colour inspection desk next to the console of a Rapida 164 – to present colour values measured by the inline QualiTronic process at a single glance. The following information is provided:

* Visual delta-E, with immediate indication of the difference between one printed sheet and the next, as determined by the inline measuring system
* Dot gain for the 40 and 80 per cent half-tones at different sampling points
* Traffic lights for an immediate overview of whether colour values are being reproduced exactly
* Basic settings for densitometric measurements, together with the corresponding minimum and maximum densities
* Diagram showing the colour profile of the last printed sheet, to enable assessment of the dynamic response to colour corrections

The expert monitor also permits greater flexibility with regard to the console wallscreen. The three display areas can all now be used for camera images (e.g. QualiTronic ColorControl, sheet travel monitoring) or other preferred functions.

### Colour quality cockpit as an option

At Printer Trento, the colour settings on the presses are assessed together with in-house experts, and in many cases also with the individual customers. To accommodate this, a separate colour inspection desk has been installed alongside the console and set up as a complex colour quality cockpit with the expert monitor. An alternative solution that is already in use in a number of cases is the addition of an extra monitor to the Rapida console itself. Regardless of the chosen configuration, the expert monitor offers the following benefits:

* Significantly enhanced colour information at a glance, without additional mouse clicks
* Traffic lights for a clear overall evaluation
* Colour quality can also be discussed in a larger group without blocking access to the console

The expert monitor is, above all, designed for those printers who must work to high quality standards, for example in the production of illustrated books for clients in art and architecture. It is the perfect option wherever detailed information on the colour and colour quality must be surveyed and evaluated at a glance.

### Available for Rapida presses made in 2018 or later

After the successful completion of industrial trials, including the testing done at Printer Trento, the expert monitor was released for general sale in autumn 2022. It can be retrofitted to all Rapida presses manufactured in 2018 or later. The only prerequisite is a current measuring and control system such as QualiTronic ColorControl or ErgoTronic ColorControl.

For the future, there are already plans to integrate additional quality features that are especially interesting and useful for quality management in print production.

Interesting website: [www.printertrento.it](http://www.printertrento.it)

#### Photo 1:

Dario Martinelli (left), owner and managing director of Printer Trento, and his fellow managing director and co-founder Gianni Girardi invest regularly in innovative technologies and have grown their company into one of the largest book printers in Europe

#### Photo 2:

Two of a total of five large-format Rapidas in use at Printer Trento

#### Photo 3:

Console of an eight-colour Rapida with its wallscreen, console monitor and an additional expert monitor displaying detailed colour information and traffic lights to indicate overall quality

#### Photo 4:

Separate colour inspection desk with expert monitor for customer approval of the print production

#### Photo 5:

Inline colour control with QualiTronic ColorControl: all traffic lights show green when the trend is constant. Print production can continue

#### Photo 6:

Colour control on the console using ErgoTronic ColorControl: the colour quality in the third unit (magenta) must be improved

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

#### About Koenig & Bauer

Koenig & Bauer 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 5,400 employees. Koenig & Bauer operates manufacturing plants at ten locations in Europe, alongside a global sales and service network. In the financial year 2021, annual sales amounted to €1.116 billion.

Further information can be found at www.koenig-bauer.com