

# KOENIG & BAUER

## Ipress 145 PRO Ipress 145 K PRO



### Benefits



Extraordinary efficiency with die-cutting speeds of up to 7,000 sheets/h



Short make-ready times and best performance in die-cutting production thanks to versatile automation features



Excellent cost-effectiveness in the market segment for large-format flatbed die-cutters



Optimal sheet infeed and maximum production output thanks to Koenig & Bauer DriveTronic feeder



Great substrate flexibility from 100 g/m<sup>2</sup> paper to 1.5 mm cardboard and 4 mm corrugated board



Outstanding register accuracy due to unique Cut2Print register



Perfect complement to the large-format sheetfed offset press Rapida 145 thanks to the maximum sheet size of 1,050 x 1,450 mm



Easy handling and maximum operating comfort due to the intuitive operation concept



Developed and manufactured in Europe with our long-term experience in flatbed die-cutting

we're on it.

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## Outstanding and powerful – the flatbed die-cutters in large format

Whether in folding box and label production or in industrial commercial printing - with the Ipress 145 PRO and Ipress 145 K PRO flatbed die-cutters you can process sheet formats of up to 1,050 x 1,450 mm efficiently and precisely to high-quality print products.

Short setup times during make-ready and job changes are ensured by a wide range of automation features in both models. The fully automatic, shaftless DriveTronic feeder, well-known from the Rapida sheetfed offset presses, is perfectly matched to the requirements of large-format flatbed die-cutters and enables optimum sheet infeed. Innovative dedicated drive technology aligns the pile and separates the sheets accurately and precisely, independently of the material to be die-cut. By interfacing with the Koenig & Bauer LogoTronic, all job data are provided.

For the ultimate in register accuracy, there stands the unique Cut2Print register system. Each sheet is precisely aligned after cameras read register marks in the color bar.

A high level of operating comfort when setting up the tooling is ensured by the pneumatic FastFlow quick-lock system. Devices for elevating the upper tool frames further facilitate handling. The flatbed die cutters of the Ipress 145 PRO series are operated conveniently and intuitively on the touchscreen.

For uninterrupted die-cutting production with maximum efficiency, the process steps are designed. The waste produced during die-cutting process is taken out in the stripping station. The Ipress 145 K PRO also has a blanking station. Here, the cardboard blanks are separated and stacked into perfect piles. An automatic interleaving device ensures the necessary stability on the pallet. Customised non-stop solutions at the feeder and in the delivery complete the concept.

The Ipress 145 PRO and Ipress 145 K PRO are characterised by a high degree of flexibility in terms of the materials to be die-cut, modern automation features and a high level of operating comfort. Let the performance of our flatbed die-cutters convince you.

## Applications

### **Packaging for food products, e.g.:**

- Fresh produce
- Frozen foods
- Dairy products
- Confectionary
- Cereals
- Snacks
- Beverage cartons
- Dietary supplements

### **Packaging for non-food products, e.g.:**

- Clothing
- Household appliances
- Electronics
- Toys
- Cleaning products
- DIY products

### **Packaging for personal care products, e.g.:**

- Cosmetics
- Perfume
- Pharmaceuticals
- Health and care products (OTC)

### **Packaging for industry, e.g.:**

- Product shipping
- Office supplies
- Secondary packaging

For further information, please visit [koenig-bauer.com/postpress](https://www.koenig-bauer.com/postpress)

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