

KOENIG & BAUER

Optima 106 Optima 106 K



Benefits



Trusted solution for modern folding carton production



Versatile technical solutions to reduce make-readies and increase production time



Top price/performance ratio



High operating comfort and easy handling due to the intuitive operating concept



Maximised output with die-cutting speeds up to 8,500 sheets per hour



Perfect complement to the medium-format Rapida offset presses 760 x 1.060 mm



High degree of flexibility to handle a broad range of substrates – from 90 g/m² paper to solid board up to a thickness of 1.5 mm or corrugated board up to 3 mm



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

we're on it.

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Attractive and successful in industrial folding carton production

The Optima die-cutting machine series offers you the perfect solution to leap into the modern production of folding cartons. The Optima 106 is ideal for cutting, creasing and stripping. With the Optima 106 K, you have at your disposal a machine with an integrated blanking unit.

The Optima 106 series is characterised by ease of operation and short make-ready times during set-up and job changeover. Both machines are able of processing a wide range of substrates from 90 g/m² paper, solid board and corrugated cardboard with maximum quality at speeds of up to 8,500 sph.

Automatic adjustment of the pile and automatic separation of sheets in the feeder provides perfect delivery of the sheet into the front-lays and guarantees accuracy of register regardless of the quality, type, weight and finish of the substrate.

The die-cutting unit with its variable-angle motion system VarioPlan of the platen stands for uninterrupted production and maximum performance during creasing and die-cutting. After the die-cutting and creasing process, the stripping unit eliminates all die-cutting waste.

The Optima 106 K also includes a blank separator where the folding box blanks are separated and stacked on a pallet. Intermediate sheets are inserted to stabilise the individual piles - fully automatically and without interrupting the ongoing production. Non-stop solutions at the feeder and delivery complete the Optima 106 series.

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 Optima 106 series are operated conveniently and intuitively on the touchscreen.

The Optima 106 and Optima 106 K flatbed die cutters are the perfect basis for a modern and cost-efficient production of a wide range of die-cut products. See their capabilities for yourself.

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

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