

PräziEdge

Book-edge printer

PräziEdge is a book-edge printer to print delicate and subtle patterns, motives with close attention to detail, a simple coloured edge or graphics and photos running around a book block with impressive 3D effect onto the edges of a book.

It is characterized by the following **features**:



Highly detailed print quality, even at a greater distance (3 - 4 mm)



High productivity: up to 2,000 prints per hour (500 books with 3 printed edges), even with thick books



High-quality pigment ink: smudge-proof, lightfast, abrasion-resistant, flexible intensity, predefined ICC profiles



Format flexibility: Wide range of printable products and formats without time-consuming changeovers



Flexibility through in-house software development



Automatic cleaning function, no manual wiping required



Suction device for reducing dust and ink mist



Modular components: automatic book feeder, turning unit (for connecting multiple machines) and stacker

Technical Data:

Block width / Block height w/o Feeder/Stacker: 100 x 320 mm
Block width / Block height w/ Feeder/Stacker: 125 x 320 mm
Block thickness: 2 - 60 mm
Dimensions (WxDxH): 142 x 80 x 106 cm
Weight: approx. 180 kgs

Power supply: 200-240 V / 50-60 Hz / 2 A. (A.C.)
Air pressure supply: 6 - 8.6 bar
Max. air requirement: 200 ltr / min.
Ink: Solid and water-based pigment ink, CMYK
Hourly output: approx. 500 books with 3 sides printed

Subject to technical alteration.

The World of Bookbinding.

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Once set up (thickness adjustment, height reading via sensor), the entire printing process runs fully automatically. With the optional feeding and stacking system, the machine can be operated highly productively with a single operator.

As coloured or motive edges are usually borderless, an overlap print is required to avoid white lines.

Options:

- Automatic book feeder
- Stacker

Applications:

hardcover books with flat or rounded back

softcover books

books with rounded corners

Instead of inserting cardboard between the individual book blocks, special scrapers are used to collect overprinting ink. The machine may also process books with rounded corners and even prints on bindings with dispersion glue.

The **PräziEdge** operates with the technology of water-based pigment ink in CMYK tanks.

The print data is edited and processed on an external PC or notebook (not included in delivery) using the software supplied and then transferred to the machine via the Ethernet interface.

- Turning unit for connecting several machines
- Stand with drawer

printing on book spines (uncoated book cloth / open thread binding)

gatefold brochure

paperbacks with stiff covers



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