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DFC Digital-Flexo-Cut

Die-cutting, Perforating, Embossing, Creasing and Kiss-cutting - even for small bespoke applications

The highlight of modern cutting technology: The DFC offers various application possibilities, which have until now only been provided by much bigger and more expensive machines. This is the ideal solution for digital printers with small and medium bespoke jobs along with niche applications.

Individual mailings, bespoke packaging, CD covers, labels and much more can be produced with ease on the DFC.

The DFC processes both paper and card board up to 450 gsm as well as many plastic materials: die-cutting, perforating, creasing, embossing and kiss-cutting.

The DFC is ideally suited for packages, gift boxes, pharmacy cartons, document folders and other similar products - with minimal set-up times and easy operation.

Key product features:

- Touch screen display
- Menu navigation for an easy operation
- Set up time max. 3 minutes
- Waste paper 3 to 5 sheets
- Settings:
 - Continuous speed (adjustable)
 - Time between 2 cycles - adjustable cycle timing
 - Length of work cycle
- Accuracy of cutting position $\pm 0,2$ mm
- Cross register adjustment: ± 5 mm
- Perimeter electronically adjustable (360°)
- Total counter

The principle of the machine is based on a high quality magnetic cylinder, a conveying cylinder and a flexible diecutting form.

The die-cutting form is produced according to the customer's specifications and can be used up to 100,000 times.

The die-cutting forms for the DFC are generally cheaper than cutting forms of bigger machines and are easier to handle. That saves time and money!



Applications:

- Die-cutting
- Perforating
- Kiss-cutting
- Embossing
- Creasing

Materials:

- Paper
- Foil
- Cardboard
- Plastic materials

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technical specifications

Sheet formats (L x W)	500 x 350 mm
Grammage	45 - 450 gsm
Speed max. (Standard A4)	2,300 Sheets/h
Height of stack on Feeder	60 mm
Thickness of cutting plate in mm (when die cutting)	0.8 mm
Die cutting accuracy up to	+ / - 0.2 mm
Refilling while in operation	Yes (Standard)
Power Supply	400V / 3ph. / 16Amp
Measurements:	H x W x D 1.100 x 3.000 x 800 mm
Perimeter of cutting cylinder	508 mm
Weight net	530 kG

*Disclaimer

As part of our continued product improvement plan, specifications and information published here are subject to change without notice.

All specifications are dependent on application, type of stock, temperature, RH and print engine used.

Specifications quoted were measured on uncoated and unprinted stock.

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