

PFI DI-CUT 300

ON DEMAND DIE CUTTER



UNIQUE SELLING POINT

- Magnetic flexible die = existing proven technology, usually faster and cheaper to make than flatbed dies and require less storage space.
- Die change over within minute's and simple operation = minimal operator training.
- Easy set-up of separator between piece and carrier = easy change over between jobs.
- Automatic X and Y adjustment for every sheet = accurate die to image placement for the digital print environment.
- Image registration from below the sheet, allowing cutting from rear side of sheet = accurate die to image placement when folding form must be on rear of image.
- Very productive, up to 3000 sheets per hour = more productive than cutter/creasers.
- A single flexible die can typically produce 100,000 sheets = reduced operating costs, ideal for repeat production of common applications.
- Can cut, perforate, slit, and kiss cut in one process and in one pass, forming an almost infinite variety of custom shapes = greater range of applications than cutter/creaser, even more multi-functionality in one machine.

FEATURES & BENEFITS

Target Market

Ideal for a manufacturing company with in-plant digital print shop, or digital print providers in need of a short-run die cutting solution.

Precision

X & Y registration mark which compensate for image drift down and across the sheet.

Ease of use

Intuitive touch screen controller for quick and easy set up. The die changeover time is **less than a minute!**

Productivity

The PFI DI-CUT 300 can produce up to 3000 sheets per hour.

Compact

The footprint of PFI DI-CUT 300 is very small, so could easily fit into a digital print shop type environment and other in-plants where space is an issue.

Applications

Shaped business cards, Retail tags, Labels, Stickers, Stamps, retail and promotional product packaging, direct mail, Greeting cards, Stationery, Postcards.

SPECIFICATIONS

Finished size	Rotary Magnetic Cylinder Die Cutter
Min finish size	210mm x 297mm
Max finish size	364mm x 515mm
Min paper weight/ thickness	106gsm (200gsm using Separator) /0.22mm
Max paper weight/ thickness	400gsm/0.4mm
Speed	6000 cycles per hour finishing 3000 sheets per hour
Substrate	Normal paper, Coated paper, Adhesive label without laminate, packaging board
Paper loading capacity	200mm
Memory	10 Jobs
Feed system	Air Suction, Top Belt Fed
Dimensions (L x W x H)	L x W x H 3400 x 690 x 1190mm (including delivery conveyor)
Noise	74dB
Power	230V 210-245V 50Hz