



IT'S TEE TIME!



DDC-810 PRO SPECIFICATIONS

Paper Size	Width: 11" – 14.33" (279 – 364 mm) / B3 Length: 8.27" – 29.52" (210 – 750 mm)
Feed Capacity	5.9" (150 mm)
Paper Type	Art/Coated PP laminated with no excess film over the edge of the paper
Paper Weight	157 – 450 gsm
Printable Area (Width)	12.96" (322.5 mm)
Print Accuracy	± 0.2 mm in both X and Y directions Adjustment steps (X and Y) ± 0.1 mm
Coating Thickness	15 µm – 40 µm (adjustable in 5 µm increments) with DUV-410 Varnish 20 µm – 80 µm (adjustable in 10 µm increments) with DUV-310 / DUV-320 / DUV-330 Varnish
Production Speed	Up to 60 sheets/minute (Paper length: 11", Varnish thickness: 15 – 20 µm) Up to 33 sheets/minute (Paper length: 11", Varnish thickness: 25 – 40 µm) Up to 16 sheets/minute (Paper length: 11", Varnish thickness: 50 – 80 µm) Up to 36 sheets/minute (Paper length: 19", Varnish thickness: 15 – 20 µm) Up to 18 sheets/minute (Paper length: 19", Varnish thickness: 25 – 40 µm) Up to 9 sheets/minute (Paper length: 19", Varnish thickness: 50 – 80 µm) Up to 25 sheets/minute (Paper length: 29.13", Varnish thickness: 15 – 20 µm) Up to 12 sheets/minute (Paper length: 29.13", Varnish thickness: 25 – 40 µm) Up to 6 sheets/minute (Paper length: 29.13", Varnish thickness: 50 – 80 µm)
Spot Layer File Format	PDF, TIFF
Power Requirements	208–240V 50/60Hz 38A (+6%, -10%) 110V 60Hz 15A for PC
Dimensions	138.5" x 57.2" x 72.4" (3,518 x 1,454 x 1,840 mm)
Weight	1,126.6 lb (511 kg)

Production rates are based on optimal conditions and may vary depending on stock and environmental conditions.

Duplo The leading provider of innovative precision finishing, print embellishment, and specialty finishing solutions. Contact us today to request samples or to get in touch with a finishing specialist.

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Duplo

DuSense DDC-810 PRO

Raised Spot UV Coater



Raise your Game with High Profit Embellishments

DuSense DDC-810 PRO Raised Spot UV Coater

Produce premium packaging, business cards, and marketing campaigns with the Duplo DuSense DDC-810 PRO Raised Spot UV Coater. Highly viable and compact in size, the DDC-810 PRO utilizes 600x600 inkjet technology, UV lamp curing and camera image registration to deliver production output with texture and depth that your customers can touch and feel.

A value-added application with spot coating, texturing and tactile effects sells itself. Adding embellishments to your customer's print marketing helps tell their story, enhances their visual identity, and lets them stand out from the competition.

PRINT EMBELLISHMENT MADE EASY

The DDC-810 PRO provides a user-friendly, design-driven solution that allows you to bring print embellishment services in-house. Utilizing the PC Controller software and hot folder technology on a PC station, you can produce value-added jobs quickly and efficiently.

Simply drop the grayscale spot layer file in PDF or TIFF format into a hot folder. The file is automatically ripped and stored in the queue. Select the job, choose the varnish thickness, and hit the Start button. Use the job cost calculator to help you quote jobs by estimating the polymer cost for each sheet.



HIGH PRECISION ENHANCEMENTS

Add spot coating, texturized, and tactile enhancements with incredible precision without the use of dies or screens. Simply apply our unique registration marks to both CMYK and spot layer files during prepress. As each sheet is fed, the CCD camera registration system will read the registration marks and automatically align the spot layer with the printed sheet. It will also compensate for any shrinkage, stretch, and skew to produce the most accurate sheet-to-sheet registration in the market.

The DDC-810 PRO utilizes Duplo's signature air suction belt feed system and a high capacity feed tray to keep production running without interruptions. Embellished sheets are instantly cured by the UV lamp for immediate handling and finishing.

PROFITABILITY IN A COMPACT SOLUTION

The DDC-810 PRO's footprint does not take a lot of space, allowing you to create high-margin jobs from your own print shop. Using our digital technology and the output from your digital presses, you can drive profit through short-run and customized applications and see a rapid return on investment. A raised logo on a business card or product packaging delivers the message with style. The textures on the leather seats of a luxury car piece or the ice cold drops on a beer ad generate more engagement and higher response rates.

Print embellishment amplifies perceptions of value and prestige and brands are willing to pay premiums for them.

END-TO-END DIGITAL EMBELLISHMENT WORKFLOW

The DDC-810 PRO can be integrated with Fiery® JobFlow™ workflow automation software to accomplish all the preparation steps in just one click! JobFlow makes job preparation more efficient through the creation of separate CMYK and spot UV files, page imposition, application of registration marks and barcodes, and submission of CMYK and spot UV files to a Fiery Driven™ printer and the DDC- 810 PRO, respectively.

The Fiery integration also leverages existing Duplo barcode support for additional finishing on the Duplo Slitter/Cutter/Creasers. Save up to 70% of the finisher setup time by using a barcode produced by Fiery Impose software to automate the setup.



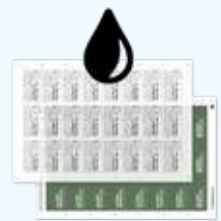
DDC-810 PRO Workflow



1. Design your artwork in CMYK and the spot layer in Black and White.



2. Apply imposition and registration marks to both files or automate file preparation using Fiery JobFlow. Send the imposed CMYK file to your digital press then load the printed sheets on the DDC-810 PRO feed tray.



3. As each sheet is fed, the DDC-810 PRO will read the registration marks and accurately apply the varnish.



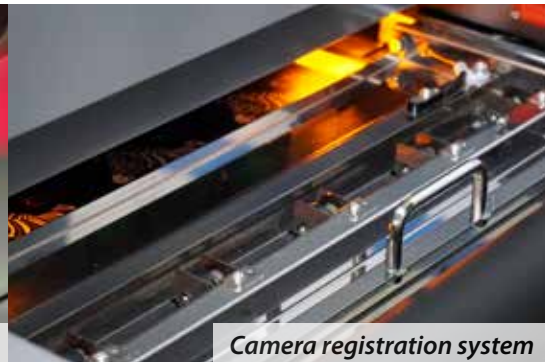
4. Ready for finishing. Output is cured and dried for immediate handling.



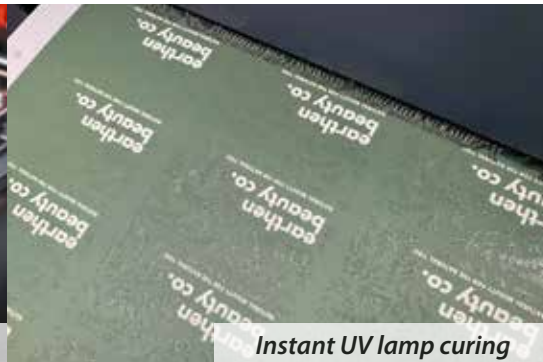
Air suction feed system



Variable Image Barcode Kit



Camera registration system



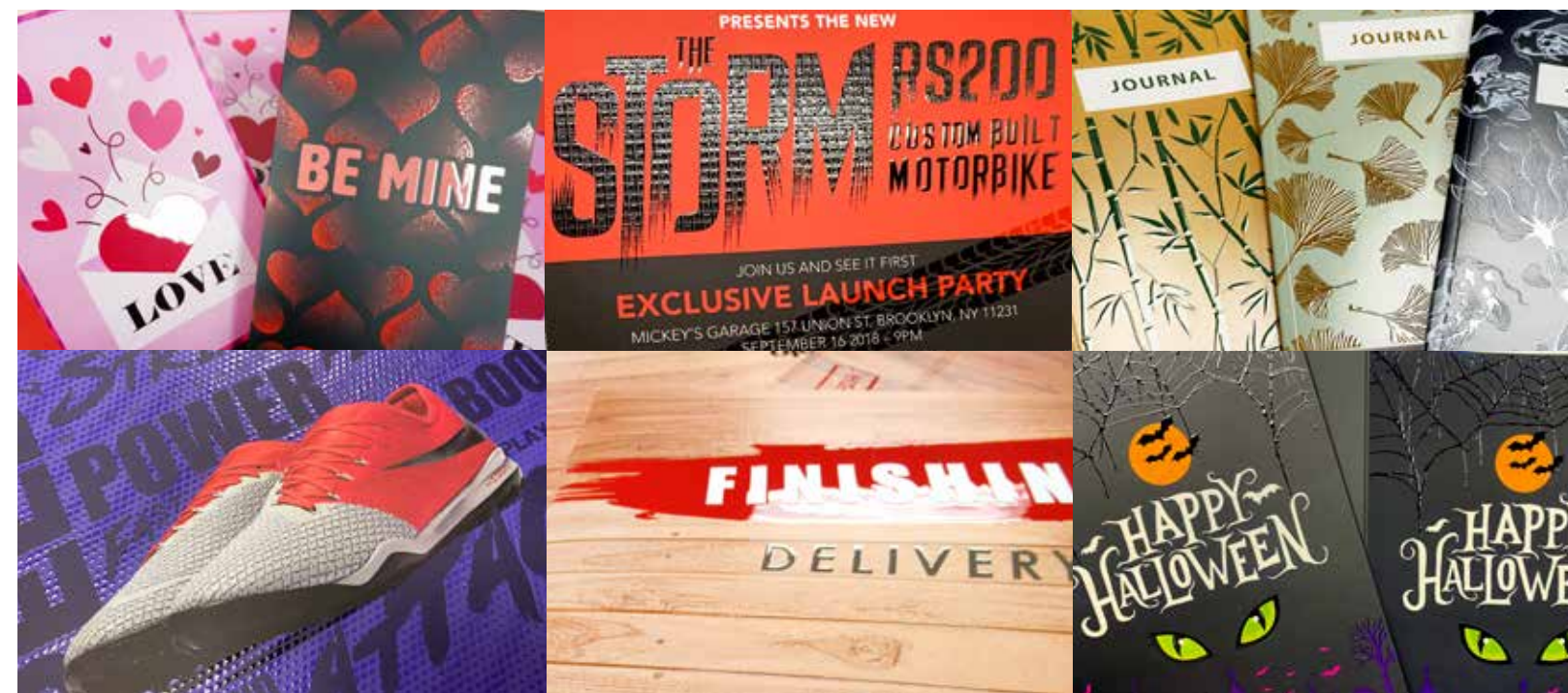
Instant UV lamp curing



DDC-810 PRO Raised Spot UV Coater



APPLICATIONS



DUPLO POLYMERS COMPATIBLE WITH DIGITAL PRESSES

Duplo offers formulated varnishes that are compatible with output produced by offset presses and digital presses from Canon, HP, Konica Minolta, Ricoh, and Xerox. Our varnish is delivered in 3-liter cartridges and it also performs on laminated stock.



VARIABLE IMAGE BARCODE KIT

Add variable capabilities for images and text with the Variable Image Barcode Kit. With this option, the DDC-810 PRO has the ability to read 1D or 2D barcodes on each sheet and automatically load the pre-ripped spot layer file.

It also streamlines your operation with the ability to utilize hot folders, reducing the number of mouse clicks and touchpoints required.

Produce high margin embellishments and value-added products in-house that your customers can touch and feel!

- Business cards
- Invitations
- Book covers
- Bookmarks
- Labels
- Brochures
- Custom packaging
- Direct mail pieces
- Greeting cards
- Magazine covers
- Posters
- And much more!

Imagine the possibilities.

FEATURES

- Utilizes 600x600 inkjet technology, UV lamp curing and camera image registration
- Processes offset and digitally printed output up to 14.33" x 29.52" and 450 gsm
- Applies a minimum of 15 microns with new DUV-310 varnish
- Easy to use and a compact footprint that fits into limited spaces