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Q1 2022

 **SYDNEYSTONE**  
PRINTFINISHING.COM

# TECH REPORT

YOUR GUIDE TO THE LATEST ADVANCES IN PRINT FINISHING TECHNOLOGY

## IN THIS ISSUE



TOP 10

**Duplo** PRODUCTS  
OF 2022

**PLUS**

- FIRST LOOK: NEWEST IN XANTE'S X-SERIES, THE X-55 & X-98
- HOW TO: SINGLE-SIDED LAMINATE
- IT'S PAPER CUTTER SEASON: HERE'S YOUR BUYER'S GUIDE





## SYDNEY STONE WINS AWARD FROM FORMAX | MISSISSAUGA, ON

As Formax celebrates its 35th anniversary they would like to recognize Sydney Stone for their more than 10 years as a Formax dealer. Formax, which designs and manufactures pressure seal, mailing, data destruction, and digital print finishing solutions is headquartered in Dover, NH. Formax also offers the ColorMax 8, an inkjet envelope printing system that provides printers with the ability to maximize their return on investment by offering low costs per print, fast operating speeds, and media versatility.

Formax provides technologies that allow printers to streamline outgoing and incoming mail, destruction of confidential data and in-plant digital print finishing through their dealers like Sydney Stone. "Sydney Stone provides us with an excellent support team in Canada from their understanding on a product application basis on through to their field service team," said Scot Vachon, an Account Executive at Formax. "We are pleased with our partnership and their results in 2021 and look forward to another successful year in 2022."

Founded in 1987, Formax is a privately held company with corporate headquarters based in Dover, New Hampshire and a manufacturing facility in Turlock, California.



Operators at Kloman Studios stand next to their new EBA 5560 Cutter

## KLOMAN STUDIO INSTALLS A NEW EBA 5560 21.6" AUTOMATIC PAPER CUTTER | BRAMPTON, ON

Kloman Studio thought they wanted an EBA 4850EP 18.7" Paper Cutter.

They were looking for something to use in their print shop in Brampton, Ontario, where they do a lot of work for the growing real estate market. But with increasing demand for larger sheet sizes and heavier stock weights, they realized they actually needed something bigger than 18.7" in order to keep up with their customers' needs, so Kloman called Sydney Stone again to discuss their options for upgrade.

After some discussion about the long-term goals of the company, Kloman opted to purchase the EBA 5560, a 21.6" cutter with fully-adjustable clamping pressure, touchscreen programming, and an efficient safety light barrier system to give the operator all the features needed to make daily cutting easy and user-friendly.



Gary, Owner of Hanover Typocraft stands next to their Mohr D66 ECO Cutter

## HANOVER TYPOCRAFT INSTALLS A CERTIFIED SERIES MOHR D66 ECO HYDRAULIC PAPER CUTTER | HANOVER, ON

For any printer, not having a working paper cutter means that you are essentially out of production. That is exactly what happened at Hanover Typocraft, a family-run business since 1962, this past February when their 50 year old cutter finally made its final cut. Unable to get parts, owner Gary contacted Sydney Stone to inquire about both the new and reconditioned replacement options available.

National Sales Manager, Stephen Longmire, related to Hanover's situation. "We know more than anyone that having paper cutters in stock is crucial," he says. "We currently maintain a regular stock of MOHR, EBA, Challenge and Triumph machines in both our Toronto and Vancouver locations that are ready for immediate delivery."

Gary chose a Certified Series MOHR 66 ECO 26.5" Hydraulic Cutter. "From discussing the options, to the demo and the final installation and training. Sydney Stone exceeded my expectations," he said.

Equipment that qualifies as part of certified series is generally under 5 years old and already in exceptional condition prior to our reconditioning process. Certified Series machines include our 5-Star EMA, comprising of a comprehensive one-year parts and labour warranty and two on-site preventative maintenance calls to ensure your finishing equipment is always working at its peak.



Pictured: Sydney Stone East

## SYDNEY STONE IS GROWING! | MISSISSAUGA, ON / VANCOUVER, BC

Sydney Stone is pleased to announce that we have recently welcomed several new members to our teams in both our Mississauga, Ontario and Vancouver, British Columbia locations.

In Mississauga, the company recently hired Julian Mateev to our Warehouse Team and Milan Solanki to our Service Team.

In Vancouver, the company hired Harjot Rajpal to our Order Desk Team.

Please join us in welcoming Harjot, Milan and Julian!



Harold MacDougall of Everyday Publications stands next to the Mohr D80 ECO Cutter

## EVERYDAY PUBLICATIONS INSTALLS A NEW MOHR D80 ECO HYDRAULIC PAPER CUTTER | PORT COLBOURNE, ON

With their current cutter requiring a hydraulic repair and being close to 20 years old, Everyday Publications reached out to Sydney Stone to discuss their options. Upon reviewing the trade value of their current machine and discussing the benefits of replacing their 26.5" cutter with a larger 31.5" model, they decided to upgrade to a new Mohr D80 ECO Hydraulic Paper Cutter.

The German made MOHR D80 ECO includes an ergonomically-positioned control panel with a 5.5" monochromatic display and an additional membrane keypad. Recurring cutting sequences can be memorized (memory capacity 198 programs) and adjusted at any time.

Harold MacDougall, their Production Manager, said "We decided to move up from our current 26.6" cutter and have no regrets. The air table is also an added bonus... we don't know how we survived without one for so long!"



Cameron Struthers of Allen Graphics shows off materials produced on the new DPB-500

## ALLEN GRAPHICS INSTALLS A CERTIFIED SERIES DUPLO DPB-500 PERFECT BINDER | DARTMOUTH, NS

Owner Cameron Struthers saw the writing on the wall - that in order to remain competitive, you need to change and grow with your market. So he decided to sell off a much larger perfect binding line in order to focus on high-quality, short-run book printing and binding jobs.

He chose the DPB-500 Perfect Binder, which can produce books up to 2" thick and does up to 525 cycles per hour. The cover automatically feeds into position, the book block is moved across the milling and notching station to properly prepare the spine for strong glue penetration, and a large glue tank with two heated drums and two side gluing wheels is used to bind the edge of the cover to the side of the book block.

The clamp can also automatically adjust to process variable thicknesses and set the nipping and hinge scoring station for precision book binding, making it ideal for short to medium runs and variable productions.



Owner Shane VanEgmond stands next to their En/Press Complete Production System

## STICKER-IT INSTALLS XANTE EN/PRESS PRODUCTION SYSTEM AND DUPLO DC 618 SLITTER/CUTTER/CREASER | DUNVILLE, ON

Shane VanEgmond, Owner of Sticker-it, was looking at some new opportunities to expand their business and streamline their operations.

To grow the business, he decided to expand into a new segment of the print market by offering short- and long-runs of digitally-printed envelopes. The only problem was that if he ran envelopes on his digital production device, he was going to face a bottleneck that slowed down production of other jobs, such as flyers, business cards, tickets, booklets etc.

Shane called Sydney Stone and we introduced him to the Xante En/Press Complete Production System. It could be used as a dedicated envelope printer, but also provide backup for his other digital print device's overflow.

"The En/Press can handle it all," said Brennan Wright of Sydney Stone, "it's great for affordable black & white copies and high-quality colour copies, plus it can run heavy stocks up to 400gsm. It can print almost anything you can throw at it."

With the ability to run up to 4,000 #10 envelopes/hour and the power of the iQueue software, Shane also was able to utilise the direct mailing function, as well move some of his NCR form work over to the En/Press, allowing him to collate and digitally number those forms.

"It was a game changer for us," says Shane, "we were immediately competitive in the market and can supply almost any order that comes our way, on demand, while still being profitable."

Next Shane turned his attention to ways to make life easier in his business, while saving money on labour. With an investment in the Duplo DC-618 Slitter/Cutter Creaser, Sticker-it is now taking full advantage of its automated capabilities for those repetitive weekly and monthly jobs of post cards, tickets, and business cards. Regular jobs are barcoded and can be setup and changed over easily by any staff member.

"I was shocked how well this machine quickly integrated into our shop," says Shane. "Overnight it became one of everyone's favourite machines to use."



Owner Shane VanEgmond stands next to their new Duplo DC-618 Slitter/Cutter/Creaser



# Paper Cutter Buyer's Guide

# We Get You Cutting from Start to Finish...

## EBA Power Paper Cutters

18.7" 4815



Clamping: Manual  
Cutting: Power  
Backgauge: Manual  
Security: Lexan Guard  
Cutting Width: 18.7"  
Cutting Height: 3"

18.7" 4850



Clamping: Power  
Cutting: Power  
Backgauge: Manual  
Security: Lexan Guard  
Cutting Width: 18.7"  
Cutting Height: 3"

18.7" 4855



Clamping: Power  
Cutting: Power  
Backgauge: Touchscreen Programmable  
Security: Lexan Guard  
Cutting Width: 18.7"  
Cutting Height: 3"

18.7" 4860



Clamping: Power  
Cutting: Power  
Backgauge: Touchscreen Programmable  
Security: Photocell Guard  
Cutting Width: 18.7"  
Cutting Height: 3"

20.4" 5255



Clamping: Power  
Cutting: Power  
Backgauge: Touchscreen Programmable  
Security: Lexan Guard  
Cutting Width: 20.4"  
Cutting Height: 3"

20.4" 5260



Clamping: Power  
Cutting: Power  
Backgauge: Touchscreen Programmable  
Security: Photocell Guard  
Cutting Width: 20.4"  
Cutting Height: 3"

25.5" 6660



Clamping: Power  
Cutting: Power  
Backgauge: Touchscreen Programmable  
Security: Photocell Guard  
Cutting Width: 25.5"  
Cutting Height: 3"

## EBA Hydraulic Paper Cutters

21.6" 5560 / 5560 LT



Clamping: Hydraulic, up to 4000 PSI  
Cutting: Hydraulic  
Backgauge: Touchscreen Programmable  
Security: Photocell Guard  
Cutting Width: 21.6"  
Cutting Height: 3.75"

The EBA 5560 Paper Cutter is the most powerful cutter in its class. Offering a 21.6" cut width and with fully adjustable clamping pressure, the EBA 5560 will cut an astonishing 3.75" of paper with ease. The fully programmable touchscreen backgauge control with 99 programs (99 steps each) drives a hydraulically powered high speed cutting knife. A unique multiple cut programming function allows simple creation of programs for the accurate cutting of business cards and other multiple-up applications. The front table surface is protected by a photocell safety system. Soft foot pedal for pre-clamping, LED cut line light and false clamp plate are standard features. The EBA 5560 LT offers all of the above benefits along with an air table to allow easy movement of paper.

28" 7260 / 7260 LT



Clamping: Hydraulic, up to 4400 PSI  
Cutting: Hydraulic  
Backgauge: Programmable  
Security: Photocell Guard  
Cutting Width: 28"  
Cutting Height: 3"

The EBA 7260 LT Paper Cutter offers the convenience of a 28" cutting width, coupled with the same ease of operation and performance as EBA's smaller cutting machines. Its fully programmable backgauge control with 99 programs (99 steps each) also features repeat cut, eject and memory functions. The front table surface is protected by a photocell safety system allowing for a larger, efficient workspace. Features such as large side tables, an LED optical cutting line light, air table, fast knife cycle and advanced programming capabilities make this the perfect cutter for the commercial digital printer. The EBA 7260 paper cutter will make quick work of all your paper cutting needs.

## MOHR Hydraulic Paper Cutters

MOHR D 66 26.4" Paper Cutter



Cutting Width: 26.4"  
Cutting Height: 3.15"  
Clamp Pressure: 3,307 PSI  
Safety: Photocell Guard  
Backgauge: Programmable with either the ECO or PLUS Programmer

- ECO
- ✓ 26.4" cutting width
  - ✓ Ergonomically arranged control panel
  - ✓ 5.5" monochromatic display
  - ✓ Low-profile keyboard
  - ✓ 198 memory positions

- PLUS
- ✓ 26.4" cutting width
  - ✓ 18.5" touchscreen display
  - ✓ 1998 memory positions
  - ✓ Optional Compucut® digital workflow integrations
  - ✓ Optional barcode reader

MOHR D 80 31.5" Paper Cutter



Cutting Width: 31.5"  
Cutting Height: 3.94"  
Clamp Pressure: 5,952 PSI  
Safety: Photocell Guard  
Backgauge: Programmable with either the ECO or PLUS Programmer

- ECO
- ✓ 31.5" cutting width
  - ✓ Ergonomically arranged control panel
  - ✓ 5.5" monochromatic display
  - ✓ Low-profile keyboard
  - ✓ 198 memory positions
  - ✓ Includes air table

- PLUS
- ✓ 31.5" cutting width
  - ✓ 18.5" touchscreen display
  - ✓ 1998 memory positions
  - ✓ Optional Compucut® digital workflow integrations
  - ✓ Optional barcode reader
  - ✓ Includes air table



Our showrooms in Toronto and Vancouver contain a full range of new and reconditioned paper cutters available for demonstration.





# How-to: Single-Side Laminate

## Why laminate on one side only?

Some applications only require a laminated finish on only one side, such as postcards, menus, and book covers. Traditional PET films are too rigid to be applied to one side only - the product would have have severe curl and leave your sheet looking more like a tube. But OPP films are softer and more pliable, so they can be safely applied to a single side of a sheet. In order to apply the film to one side only, there are a few things that differ from the process to apply films to both sides. Follow the steps below to get crystal-clear, perfect one-sided laminate finishes every time!

## What are your options for single-sided laminators?

When laminating on a single side of a sheet, it's best to use a laminator that allows you to heat only one roller instead of needing to heat both. Toner particles can heat up when being processed through a laminator, and without a layer of laminate to protect the printed sheet, those particles can lift off the page and onto the roller, causing streaks and ghosting on the unlaminated side. If your laminator does not have a single-roller heat setting, you may wish to use a protective sheet when laminating, or upgrade to a laminator with the ability to do both single- and double-sided lamination.

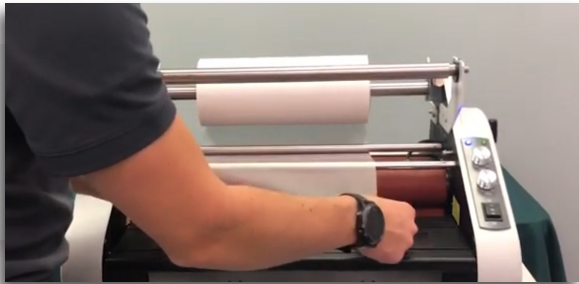
Compare your options:

	InstaFoil18	RSL 2702S	Duplo DFL500	Mamo EVO	Mamo PNEU
Max. Sheet Width	18"	27"	13"	13.75"	13.75"
Max. Sheet Weight	up to 500gsm	up to 3/16"	up to 400gsm	up to 500gsm	up to 500gsm
Feeder	Manual	Manual	Automatic	Manual*	Automatic
Sheet Seperation	Manual	Manual	Automatic	Automatic	Pneumatic
Max. Speed	10ft/minute	8.2ft/minute	15ft/minute	22.9ft/minute	32.8ft/minute
Max. Temperature	130° C / 266° F	150° C / 302° F	160° C / 320° F	170° C / 338° F	150° C / 302° F

\*Automatic Option Available

### Step 1: Web the Laminate

Mount the OPP laminate on the correct mandrel for your machine. Ensure rollers are in the "open" position and web the film through the rollers in accordance with your machine's guidelines.



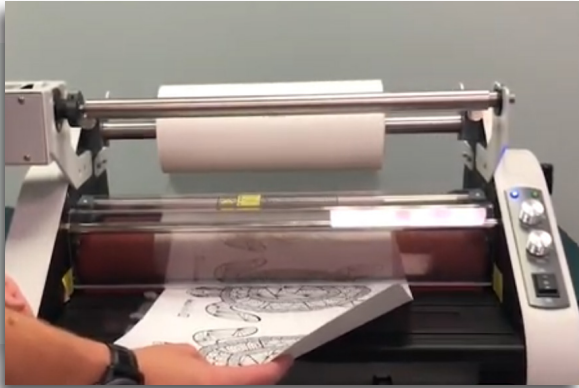
### Step 2: Set the Anti-Curl

Place a laminate setting board or other piece of substrate (a "setup sheet") through the feed rollers. Engage the anti-curl bar with the setup sheet in place. Turn on heat to the top roller only and wait for indication that laminating temperature has been achieved.



### Step 3: Adjust the Laminate

Close the rollers on the setup sheet and advance the rollers, letting the film stretch out as it adheres to the sheet and is pulled through the rollers. This gives the laminate a chance to smooth out any wrinkles before the actual sheets are fed into the laminator. If adjustments are required, you may need more than one setup sheet to run through while you adjust the speed and tension of the rollers.



**Production Tip For Manual Laminators:** Overlap the leading edge of the new sheet onto the trailing edge of the last sheet. Since OPP is a "burstable" film, you'll be able to simply nick the edge of the laminate to separate the sheets, and you're left with 4 clean edges - no additional trimming required!



Try it on the

# InstaFOIL18

FOIL / LAMINATOR

TAPLETOP 18" SHEET WIDTH  
PERFECT FOR FOIL, MOUNTING AND LAMINATE  
*SINGLE-SIDED / DOUBLE-SIDED / HOT / COLD*  
BUILT-IN ANTI-CURL & UPTAKE REEL



### BOOK A DEMO

MISSISSAUGA  
SHOWROOM

VANCOUVER  
SHOWROOM

VIRTUAL  
SHOWROOM





# Reconditioned Equipment



## CERTIFIED SERIES MACHINES NOW AVAILABLE

Sydney Stone takes pride in its high level of machine reconditioning and offers a standard reconditioned equipment warranty of 100 days parts and labour. Machines that qualify as one of our "Certified Series" pieces of equipment automatically include our 1 year, 5-Star Extended Maintenance Agreement at no additional charge. The 5-Star EMA includes a comprehensive 1 year parts and labour warranty and two on-site preventative maintenance calls\* to ensure your equipment is always working at its peak. At the end of the included 1 year, 5 Star EMA, you will be offered to renew this agreement at an affordable annual or monthly rate to ensure your investment remains fully protected in the future.



**Demo Model Coilmaster Jr.**  
Was: \$17,995 **NOW: \$16,495**  
Books up to 20mm, 600 books/hr



**Morgana Digifold Pro (Demo Model)**  
Was: \$27,500 **NOW: \$26,995**  
6,000 sheets/hr; crease/fold up to 400gsm



**Demo Morgana AF 2000S Bookletmaking System**  
Was: \$79,995 **NOW: \$69,995**  
AF 602 Deep pile 2-bin vacuum set feeder & BM 2000S w/4 ISP stitch heads; w/trim&squarefold



**Demo Autocut Pro**  
Was: \$29,995 **NOW: \$25,000**  
HS slit/cut/creaser; up to 350gsm, 5000sph



**Factory-Reconditioned Challenge EH3C Drill**  
Was: \$6,995 **NOW: \$6,495**  
2.5" drill capacity; 4.5" backgauge depth



**Duplo 150i Booklet System (Demo Model)**  
Was: \$39,995 **Now: \$37,500**  
Demo DSF 2200 set feeder paired w/ NEW DBM 150/150T



**EBA 6660 25.5" Programmable Cutter**  
Was: \$10,995 **NOW: \$9,995**  
Power cut&clamp w/light beam safety beam



**Challenge Titan 200A 20" Hydraulic Cutter**  
Was: \$7,995 **NOW: \$6,995**  
Programmable w/ safety cover



**Triumph 4850EP Cutter**  
Was: \$5,495 **NOW: \$4,995**  
Programmable w/ safety cover



**Triumph 4350 16.9" Paper Cutter**  
Was: \$3,995 **NOW: \$3,495**  
Electric w/ power clamp&cut; cut line, LED backgauge



**Hand-fed Duplo 150/150T Bookletmaker**  
Was: \$11,495 **NOW: \$9,995**  
Semi-automatic setup; 2400 books/hr



**G-Whiz VividCoater UV Coater**  
Was: \$8,495 **NOW: \$7,495**  
Up to 2700 sph; stocks up to 450gsm, 27.5"w



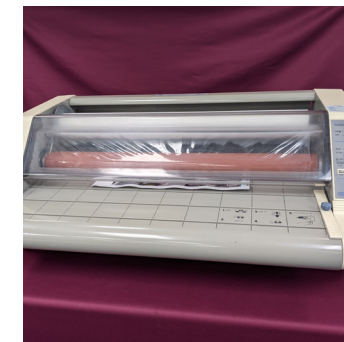
**RhinoTuff HD 7000 Punch**  
Was: \$3,995 **NOW: \$3,495**  
Includes your choice of a NEW die



**Horizon PF-P330 Folder w/stand**  
Was: \$5,995 **NOW: \$5,495**  
Quiet & reliable; easy to use interface



**Duplo DBM 120**  
Was: \$6,495 **NOW: \$5,995**  
Fully automatic setup; 2400 books/hr



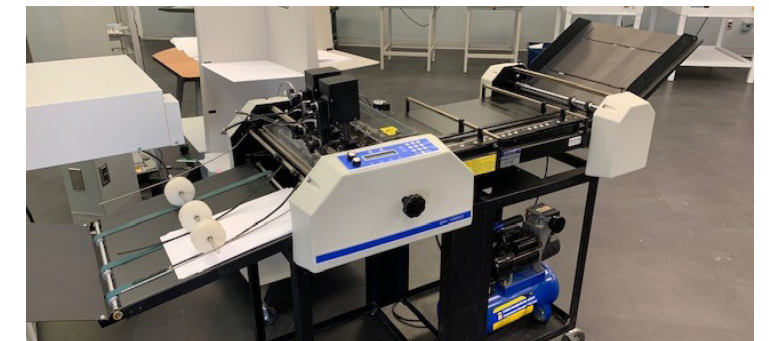
**GBC 4250 27" Laminator**  
Was: \$995 **NOW: \$895**  
Double-sided laminator; films from 1.5-3mil



**Dual Stitchmaster**  
Was: \$3,995 **NOW: \$3,495**  
Flat or saddle stitch up to 1/4"



**Morgana UFO High Speed Folder**  
Was: \$7,495 **NOW: \$6,995**  
18" x 25" format; fully auto; batching/perfing



**G-Whiz 12000 Numbering & Perforating Machine w/Compressor**  
Was: \$8,495 **NOW: \$7,495**  
12k sheets per hour; up to 100 number positions/sheet, sheets up to 18" x 18"



**Xante Impressia Digital Production System**  
Was: \$12,995 **NOW: \$11,495**  
2400 DPI Envelope Printer with Enterprise Feeder; up to 3,000 #10's/hr; includes iQueue



**Akiles Finish@Coil E1 Electric Coil Crimper**  
Was: \$495 **NOW: \$445**  
Quickly insert and crimp coil up to 50mm



**WBM 532 Tabletop Wire Crimper**  
Was: \$295 **NOW: \$250**  
Excellent condition tabletop wire closer



**Akiles Wiremac 31**  
Was: \$225 **NOW: \$195**  
Punch up to 20 sheets of 20lb bond

RECONDITIONED EQUIPMENT WON'T LAST LONG - CONTACT US TODAY! 1-800-668-6055 or [SALES@PRINTFINISHING.COM](mailto:SALES@PRINTFINISHING.COM)

(\*) Certified series and on site EMA visits are subject to geographic restrictions - please inquire for details.



# Top 10 Duplo Products of 2022

## 1 DFL 500 Coat/Foil/Laminator

The DFL-500 Coat/Foil/Laminator delivers a multi-purpose solution for print embellishment with the ability to dry coat, foil, and laminate in a single machine. Compact and easy to use, it utilizes a ceramic thermal roller and heat control system to precisely apply the desired film on the sheet.

Foiling is quick and efficient, and laminating is a breeze! The DFL-500 automatically feeds, laminates and separates digital prints with no user intervention required. The heated rollers allow for crystal clear, scratch-free lamination. It comes equipped with a side trimmer to cut the width of the film and an automatic side-to-side flying knife separator system, which allows the use of both OPP and PET-based films, for precise flush cutting and overlap. It also comes standard with a dust removing system and a de-curling system.



## 2 DF 1300L AIR SUCTION FOLDER

The DF-1300L Air Suction Folder features high speed folding up to 310 sheets per minute and can process sheets up to 25.5" in length. The air suction feed system makes it possible to feed coated sheets as well as bond, NCR, and offset. The folder utilizes optical and ultrasonic sensors to detect any double feeds, as well as side air to aid when feeding longer sheets. It fits perfectly in corporate, school, church, and medical office environments as well as small digital print shops.

Get started with the touch of a few buttons using the color touchscreen panel. The DF-1300L comes pre-programmed with six of the most popular fold styles to save you time. Standard paper sizes are automatically detected when loaded on the feed tray. The delivery stack roller adjusts according to paper size and fold type without intervention.



## 3 UD 310 Digital Die Cutter

Die cut a wide variety of substrates including paper, laminates, adhesives, and synthetic stocks with the UD-310 Rotary Die Cutter. Create distinctive shapes and sizes to make custom-shaped brochures, direct mailers, stationery, retail packages, labels, folded boxes and more.

The UD-310 uses a magnetic cylinder and interchangeable flexible dies to process paper, laminates, adhesives and synthetic stocks up to 400 gsm at speeds up to 4,000 sph. Performs multiple cuts, slits, slit-scores, kiss cuts, perforations, and window punches for single and multiple-up pieces on a wide range of paper stock up to 14" x 20".



## 4 DB 290 Perfect Binder

The user-friendly and automatic DB-290 Perfect Binder brings professional perfect binding to your desktop with centrally-located controls for single-operator efficiency.

With the automated performance and other outstanding features typically reserved for more expensive machines, the DB-290 is ideal for short-run, on-demand applications up to 200 books per hour.



## 5 150i Bookletmaking System

Using the PC Controller software for easy operation, the 150i Digital Bookletmaking System can easily be managed and controlled by a single operator. The intuitive Graphical User Interface (GUI) facilitates the programming and saving of jobs. Simply by entering or selecting the paper sizes, the PC Controller automatically calculates the stitch, fold and trim positions.



## 6 Ultra 200 Pro UV Coater

Simple to use and compact in size, the Ultra 200 PRO UV Coater applies a high quality gloss or satin finish to a wide range of offset and digitally-printed applications, enhancing the richness of its colors while protecting them from scratches and scuffing. Ideal for short to medium runs, the Ultra 200 PRO accommodates a variety of paper sizes from 8.5" x 11" to 21" x 30" and stocks between 170 - 500 gsm.

Fully automated operation means setting up jobs on the Ultra 200 PRO is fast and easy. Coating speed, pump speeds, cleaning and IR functions are all set from the key pad. The coating volume and roller gap can be adjusted in 0.1mm increments using the two calibration dials.



## 7 UJ 600AS Jogger

Before loading sheets into a post-press device, reduce static and jog uneven stacks with rapid speed with the UJ 600AS Jogger. Jogging helps align the edges of the sheets prior to finishing and prevent errors such as miss or double feeding.

The user-friendly control panel of the UJ 600AS allows you to adjust air strength and volume, and select from settings such as air only, jogger only, reset timer operation, and time interval difference, which offers continuous jogging for a preset duration after the air has stopped.

Portable and compact, the UJ 600AS features hands-free operation with automatic start and stop and can handle up to 700 sheets (64gsm) and up to 13" by 19".



## 3 DC 618 + DC 648 Slitter/Cutter/Creasers

Duplo's all-in-one Slitter/Cutter/Creasers remain the top choice among digital printers thanks to their established reputation for incredible precision, reliability and productivity. Slit, cut and crease in a single pass to produce business cards, greeting cards, coupons, tickets, brochures and more.



### DC 618

23ppm  
13" x 39.3"  
110-400gsm  
Registration,  
Barcode  
6 slits / 30 cuts /  
20 creases

### DC 648

40ppm  
14.56" x 39.3"  
110-400gsm  
Registration, Barcode,  
Auto-skew, Auto-shrinkage  
8 slits / 30 cuts /  
20 creases

SPEED	MAX. SHEET SIZE	READABLE MARKS	SLITS / CUTS / CREASES
23ppm	13" x 39.3" 110-400gsm	Registration, Barcode	6 slits / 30 cuts / 20 creases
40ppm	14.56" x 39.3" 110-400gsm	Registration, Barcode, Auto-skew, Auto-shrinkage	8 slits / 30 cuts / 20 creases



# #1: Duplo Digital Die-Cutters

## DocuCutter DPC-400 Digital Die Cutter

Utilizing a flatbed table and digital cutting technology, the DocuCutter DPC-400 Digital Die Cutter produces short-run packaging, custom-shaped cards and labels without physical dies required.

The DPC-400 cuts, kiss cuts, scores and perforates a range of substrates including paper, laminates, adhesives and synthetic stocks up to 400 gsm. It's an affordable and versatile solution for prototyping your designs and sample productions.

Maximum Sheet Size

**14" x 20"**

Cutting Thickness

**up to 1.5mm**

Feeder Capacity

**3.9"**

Maximum Cut Speed

**1000mm/second**



## DocuCutter DPC-600 Digital Die Cutter

Featuring smart technology for packaging and larger format applications, the DocuCutter DPC-600 Digital Die Cutter takes your business to the next level with its ability to produce corrugated boxes, pocket folders, and foam board displays on demand.

The DPC-600 cuts, kiss cuts, scores and perforates a wide range of substrates without physical dies required. It's the perfect, user-friendly solution for creating anything from a one-off sample to a short run job.

Maximum Sheet Size

**23" x 31"**

Cutting Thickness

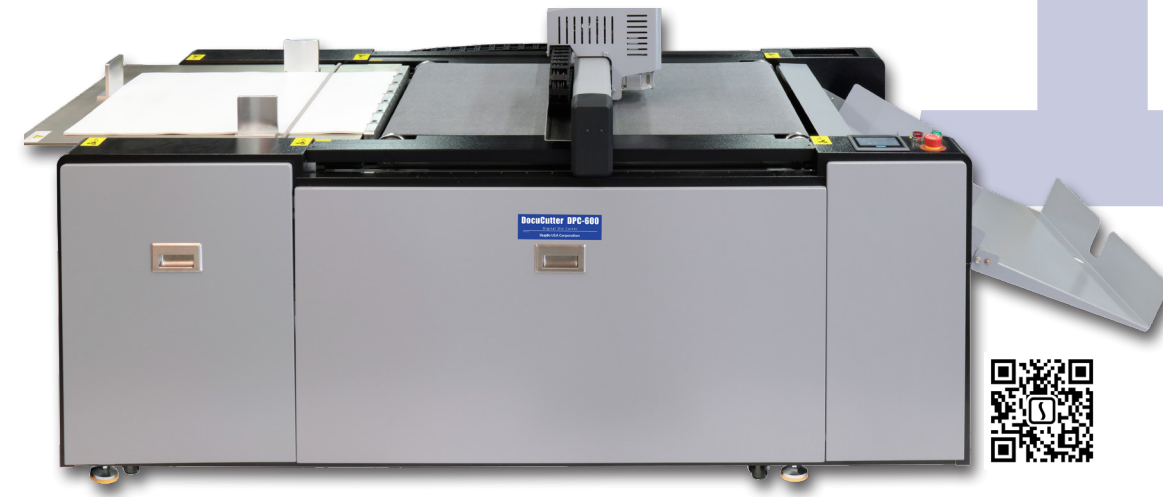
**up to 6mm**

Feeder Capacity

**3.9"**

Maximum Cut Speed

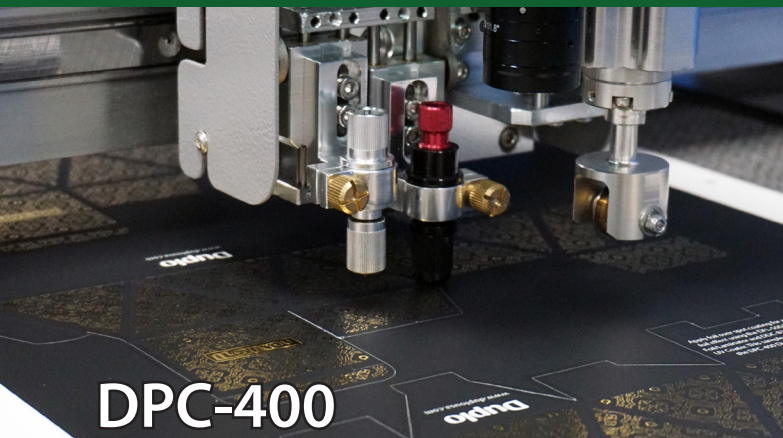
**1200mm/second**



### AUTOMATED CUTTING

Initiate operation with a touch of a button. As each sheet is transported onto the flatbed, the CCD registration system will read the QR code and pull up the matching cut file on the DPC Controller. Job changeovers are automatic, increasing turnaround times. The CCD will also read all four registration marks to ensure accurate finishing while compensating for any image shifting that may have occurred.

With a stack height of 3.9", the DPC-400 maintains its productivity. Each sheet is vacuum fed with the air knife aiding in separation. The feed tray elevates as sheets are fed and it can be reloaded without interrupting operation.



### EASY JOB PREP AND SETUP

Create the cut file in vector programs such as Adobe Illustrator and CorelDRAW to define the cuts, kiss cuts, scores and perforations desired. Export the cut file in DXF, PLT or HPG format then upload and save it on the DPC Controller software (PC sold separately). Prepare the printed artwork file by adding registration marks on each corner of the sheet for accuracy as well as a QR code to instantly retrieve the cut file when scanned.

Job preparation functions, including the application of registration marks and QR code, can be automatically performed using Fiery JobFlow. This EFI integration enables you to create a timesaving workflow that reduces errors and downtime.

### NO DIES REQUIRED

Utilizing the DPC Controller software, the triple tooling head follows the lines sketched on the cut file to finish applications into any shape desired. Media is held in place on the flatbed through a suction zone below the conveyor belt as the tooling head moves throughout the sheet.

The DPC-400 comes included with four cutting tools and a scoring wheel, and up to 3 tools can be added in the tooling head. Set them to cut intricate shapes, kiss cut labels and stickers, and score fold lines to avoid toner cracking on packaging and folded pieces.

### AUTOMATED CUTTING

Operating the DPC-600 has never been easier. With the cut file saved on the software and the sheets loaded on the feed tray, you can start running jobs with the touch of a button. The DPC-600 utilizes a high resolution CCD registration system to read the QR code and retrieve the matching cut file. The CCD will also read the registration marks to ensure accurate finishing while compensating for any image shift.

Job changeovers are automated to reduce downtime between jobs. With four tools ready-to-go in the tooling head, simply select which tools are desired for the next job. Quick and easy!

Sheets are vacuum fed with the air knife aiding in separation. The feed tray elevates during operation and it can be reloaded without interrupting production.



### EASY JOB PREP AND SETUP

Get started by defining the cuts, kiss cuts, scores, and perforations for your job by creating the cut file in a vector program such as Adobe Illustrator or CorelDRAW. Export the cut file in PDF, DXF, AI, JPG, PSD, or EPS then upload and save it on the DPC Connect software. Prepare your print file by adding registration marks on all four corners for increased accuracy and a QR code to instantly recall the cut file when scanned.

Job preparation functions, including the application of registration marks and QR code, can be automatically performed using Fiery JobFlow. This EFI integration enables you to create a timesaving workflow that reduces errors and downtime.

### NO DIES REQUIRED

The quadruple tooling head follows the lines drawn on the cut file to create the application desired within minutes. Large media up to 23" x 31" in size is held in place on the flatbed table through a suction zone below the conveyor belt as the tooling head moves throughout the sheet.

The DPC-600 comes included with press cut, active, and drag knives as well as scoring wheels and optional oscillating knife to process a variety of media and thicknesses. Up to 4 tools can be added at any time.

The press cut tool is ideal for more precise cutting of substrates up to 3 mm. Cut intricate shapes on paper and PET plastics as well as kiss cut adhesive label stock up to 1.5 mm with the active knife or drag knife. Score fold lines on packaging and folded pieces using the scoring wheel. Use the oscillating knife to pulsate through thicker substrates such as corrugated, chip, and foam boards up to 6 mm.



# Sneak Peek: New **XANTÉ** X-Series UV Printers



**PRINT ON MEDIA UP TO 3" TALL**  
**UP TO 2880 DPI RESOLUTION**

**DUAL LED LAMPS**  
Instant Ink Curing

**CMYK + WWWW**  
5 Ways to Print Intense, Brilliant White

**55" x 98" FLATBED**

Large flatbed printers designed for signage and graphics print at high speeds, but are limited by substrate thickness. Small format printers designed for specialty items print at slower speeds and are limited by substrate length and width.

**The Xanté family of X-Series is the best of both worlds.**



**50" x 55" FLATBED**

All Xante equipment includes free unlimited licenses of their prepress workflow software



**PRINT ON VIRTUALLY ANY MEDIA!**

WOOD, GLASS, STONE, METAL, ACRYLIC, COROPLAST, AND MORE





# Warranty Coverage



Different equipment comes with different coverage! Ask your sales rep to make sure you're getting the protection you want on your new and used finishing equipment.

## **NEW EQUIPMENT // DIRECT FROM THE MANUFACTURER**

Includes any manufacturer warranty coverage + our 5-Star EMA (one year) and option to purchase additional coverage.

## **DEMO MODEL // FULLY RECONDITIONED & SOLD OPEN-BOX**

Includes all tools and manuals, plus our 5-Star EMA (one year) and the option to purchase additional coverage.

## **CERTIFIED SERIES // RECONDITIONED TO FACTORY SPECIFICATIONS**

Includes all tools and manuals, plus our 5-Star EMA (one year) and the option to purchase additional coverage.

## **RECONDITIONED // FULLY REBUILT AND RECONDITIONED**

Includes all tools and manuals, plus our 100-days parts & labour warranty.

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Does not include any additional warranty coverage; any further accessories/parts/repairs must be performed at the customer's expense.

Coverage details and availability subject to change due to geographic location. Talk to your sales representative for more details.



**Earl Springall**  
Service Technician



Earl, a technician at Sydney Stone, started working at the company around 6 years ago because of his experience and background in the printing industry. Quite the traveller over the years, he now says that the place he would most like to spend his time going to is the cottage, where his hobbies include boating and riding ATV's in the summer and using his snowmobile in the winter. Earl says the most satisfying part of his work at Sydney Stone is working on the equipment, figuring out the problems and working to get the machine fixed and running. "It's a great feeling," he says, "a great feeling of accomplishment."

Favourite Colour  
**Black**

Favourite Place  
**The Cottage**

Favourite Animal  
**Dog**

Favourite Equipment  
**Bookletmakers**

*"The bookletmaker is my favorite equipment because when it comes out the other end, in most cases you have a finished product."*

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