Duplo

2023
EQUIPMENT CATALOG

Print Embellishment, Packaging and Specialty Finishing, Digital Print Finishing, and Binding Solutions

Our new website is live! Visit us at *duplousa.com* to
find more information and resources on our products.

PRODUCT INFORMATION

Learn more about our equipment, find specifications, download brochures, and watch product demonstrations.

RESOURCES

Access educational resources, from blogs to sample application files, and much more. Additionally, find out about upcoming events and keep up with our latest news.

APPLICATION GALLERY

From real life pieces produced by our customers to sample applications, here you will find inspiration to help you in your creativity.

CUSTOMER SUCCESS STORIES

Hear what print providers have to say. Head over to our library of success stories to learn about our customers and their operations as well as their experience with Duplo products.

HAVE A QUESTION? CONTACT US

If you have a question about any of our products,
give us a call toll-free at (800) 255-1933 or (949) 752-8222.
Our office is open Monday through Friday, except holidays,
from 8:00 a.m. to 5:00 p.m. PST. Or email us at sales@duplousa.com

Established in 1979, Duplo USA Corporation is the leading provider of innovative print finishing solutions for the graphic arts industry. Our highly efficient, modular products streamline post-press production for digital color and offset applications and perform with incredible precision that is second to none. Duplo continuously strives to bring the latest in finishing automation to market and introduced the first all-in-one slitter/cutter/creaser, air suction collating and bookletmaking system, and tabletop folder as well as the compact and sensory-driven raised spot UV coater.
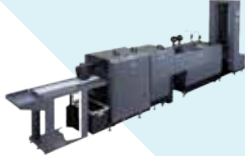
To keep print thriving in the digital age, Duplo remains committed to utilizing its extensive knowledge and expertise to further develop embellishment and packaging solutions which add value, special effects and sensory elements to printed applications. To keep print sustainable, our aim is to finish to impress.

Duplo USA Corporation is headquartered in Santa Ana, Calif. and serves the United States, Canada, and Latin America.

Duplo

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DDC-810 RAISED SPOT UV COATER

- *Processes offset and digitally printed output up to 14.33" x 29.13"*
- *Performs changeovers automatically via optional variable image barcode kit*

- *Compact footprint fits into limited spaces*
- *Fast tracked delivery and installation*

Scan to watch video

Produce premium packaging, business cards, and marketing campaigns with the DDC-810 Raised Spot UV Coater. Highly viable and compact in size, the DDC-810 utilizes 600x600 inkjet technology, UV lamp curing and camera image registration to deliver production output up to 450 gsm with texture and depth that your customers can touch and feel.

Add spot coating, texturized, and tactile enhancements with incredible precision without the use of dies or screens. Utilizing the PC Controller software and hot folder technology on a PC station, you can produce high-margin jobs from your own print shop. With its digital technology and the output from your digital presses, you can drive profit through short-run and customized applications. Generate more engagement and higher response rates by embellishing logos and artwork on business cards, boxes, and much more.

Integrate with Fiery® JobFlow™ to accomplish all your preparation steps in one click. JobFlow performs the creation of separate CMYK and spot UV files, page imposition, application of registration marks and barcodes, and submission of files to your Fiery Driven™ printer and DDC-810.

Duplo polymers are compatible with digital presses from Canon CANON SOLUTIONS AMERICA hp KONICA MINOLTA RICOH imagine. change. xerox
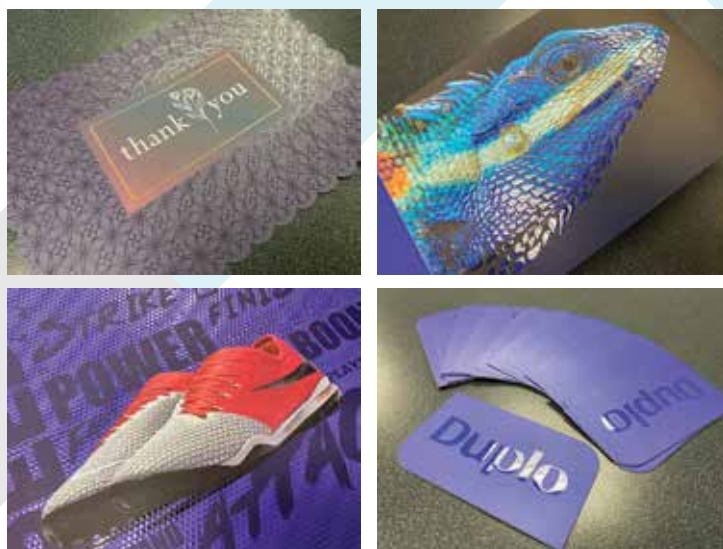
| DDC-810 |

DPC-600 DIGITAL DIE CUTTER

- *Processes a wider range of substrates up to 23" x 31"*
- *Performs changeovers automatically via QR code*
- *Up to 4 tools can be added to the tooling head*

Scan to watch video

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 comes included with press cut, active, and drag knives as well as scoring wheels to process paper, PET plastics, corrugated, chip, and foam boards up to 6 mm thick. With the intelligent DPC Connect software on hand, the quadruple tooling head follows the lines drawn on the cut file to create finished jobs within minutes.

| DPC-600 |

DPC-400 DIGITAL DIE CUTTER

- *Processes a variety of substrates up to 14" x 20"*
- *Performs changeovers automatically via QR code*
- *Up to 3 tools can be added to the tooling head*

Scan to watch video

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 and scores a variety of substrates including paper, laminates, adhesives, and synthetic stocks up to 400 gsm.

It comes included with four cutting tools and a scoring wheel. Set them to cut intricate shapes, kiss cut labels and stickers, and score fold lines to avoid toner cracking on packaging and folded pieces. The DPC-400 also comes with the DPC Controller software to drive the device and a triple tooling head to follow the lines sketched on the cut file to finish applications into any shape desired.

| DPC-400 |

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UD-310 ROTARY DIE CUTTER

- *High production up to 4,000 sheets per hour*
- *Processes substrates up to 14" x 20"*
- *Quick die changeover and set up*

Scan to watch video

The UD-310 Rotary Die Cutter delivers print marketing applications in distinctive shapes and sizes at higher speeds. Processing up to 8,000 cycles per hour, the UD-310 utilizes a magnetic cylinder and interchangeable flexible dies that affix to it to process paper, laminates, adhesives and synthetic stocks up to 400 gsm.

Flexible dies are made of engraved magnetic steel and are easy to mount. They can be designed to perform die cutting, kiss cutting, perforations with specified teeth and three-knife creasing. The UD-310 features a high feed capacity with ultrasonic double feed sensors and a separation station for non-stop productivity. The separation station automatically removes the skeleton from the finished pieces and deflects them into the waste bin. Only the finished pieces are delivered on the long conveyor stacker.

| UD-310 |

UD-M300 HAND-FEED ROTARY DIE CUTTER

- *Manual feeding for small volume jobs*
- *Processes substrates up to 14" x 20"*
- *Quick die changeover and set up*

Scan to watch video

The compact UD-M300 Rotary Die Cutter offers a hand-feed solution for producing cards, tags, and other print products in quantities as low as one. It utilizes the same magnetic cylinder and interchangeable flexible dies as the UD-310 model to process paper, laminates, adhesives, and synthetic stocks up to 400 gsm.

The UD-M300 comes with a receiving tray but a separation station with the long conveyor stacker can be added as an option to automatically remove the skeleton from each finished piece.

| UD-M300 |

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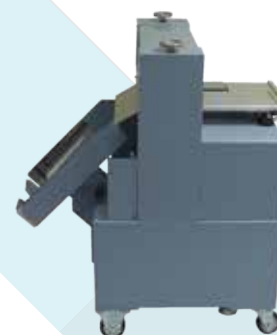
CREATE CUSTOM AND ENHANCED PRODUCTS ON A BUDGET

DPC-2024 DIGITAL DIE CUTTER

- *Processes output up to 23" x 31" plus vinyl roll-to-sheet*
- *Easy changeover from paper to vinyl cutting*
- *Automated feeding with adjustable trays*

Scan to watch video

The DocuCutter DPC-2024 Digital Die Cutter combines its capacity to support oversize B2 sheets with 24" vinyl cutting technology to produce packaging, pocket folders, labels, and decals on demand.

The DPC-2024 cuts, kiss cuts, and scores substrates such as paper, laminates, and adhesive stocks up to 350 gsm. Each sheet is guided back and forth on the cutting pad by three mul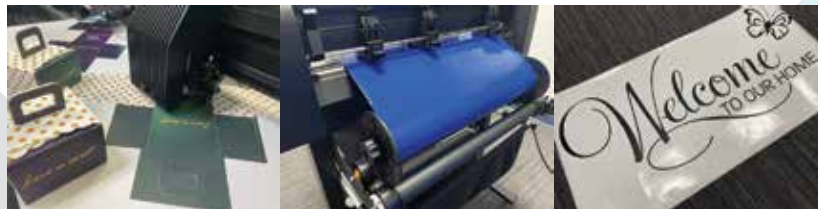ti-pressure pinch rollers as the dual tooling head follows the pattern drawn on the cut file. It comes included with a cutting knife and scoring pen to process offset and digitally-printed output in addition to a vinyl cutting knife.

DFL-700 & DFL-500 FOIL/LAMINATORS

- *Processes sheets up to 26" in length on the DFL-700*
- *Easy changeover from foiling to lamination*
- *Ceramic thermal roller with heat control system*

The DFL-700 and DFL-500 Foil/Laminator add value to digitally-printed output on a budget. Ideal for short runs and variable data jobs, they can be used to apply toner or polymer-based foil as well as single-sided lamination for an enhanced finish.

The DFL-700 brings the capability to foil on both coated and uncoated paper, process longer sheet sizes up to 26", and comes equipped with features designed to reduce production time.

Toner Foil   Polymer Foil   Lamination

| DPC-2024 |

| DFL-700 | | DFL-500 | *Scan to watch video*

7

ULTRA UV COATERS

- *Infrared heating system helps cure difficult stock*
- *User-friendly control panel*
- *Adjusts coating volume and roller gap in 0.1mm increments*
- *Automated cleaning and self-diagnostic functions*

The Ultra UV Coaters apply a high gloss, satin, and matte finish to both offset and digitally-printed applications. Both sides of the sheet can be coated to give jobs, such as direct mailers and brochures, a vibrant finish while protecting them from scratches and scuffs. The auto gap rollers disengage between the sheets, delivering high quality flood coating without any flat spots.

The **Ultra 300Ai** is the high-speed model, processing sheets up to 148 feet per minute. The standard bridge unit can be connected to any digital press to feed sheets directly. The optional SF-300F Pile Feeder and ST-300 Pile Stacker can be added instead of the bridge unit.

The **Ultra 200 Pro** is ideal for short to mid-volume runs, accommodating sheets up to 21" x 30" in size and up to 500 gsm. The optional SF-300F Pile Feeder and ST-300 Pile Stacker can be added too.

| Ultra 300Ai |

	Ultra 300Ai/300A	Ultra 200 Pro
Maximum Speed	148 feet per minute	112 feet per minute
Maximum Paper Size	20" x 28"	21" x 30"
Paper Weight	200-350 gsm	170-500 gsm
Feed System	SF-300 Suction Feeder (standard with Ultra 300A)	SF-300 Suction Feeder

| Ultra 300A |

Scan to watch video

| Ultra 200 Pro |

Scan to watch video

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SLITTER/CUTTER/CREASERS

Duplo is the pioneer in digital print finishing, having introduced the first all-in-one Slitter/Cutter/Creaser in the industry over two decades ago. It's been their capability to eliminate touchpoints and reduce downtime while finishing full-bleed applications with incredible precision that have made them a must-have in print shops around the world.

Job setup and changeovers are fully automated; therefore, no operator experience is required and each device can run without supervision. Banner sheets up to 39" in length can be processed, making them suitable to handle the larger output from today's digital presses. What's more, their soft sponge rollers allow you to process spot coated jobs with confidence. Produce 24-up business cards, tickets, brochures, and more.

NO MANUAL SET UPS
Cut job costs by doing away with time-consuming set ups. The PC Controller software makes it easy to program jobs for multiple-up finishing. Save time by storing an unlimited number of jobs on the hard drive and recall them when needed.
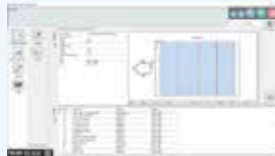
AUTOMATED REGISTRATION AND CHANGEOVERS
Reduce downtime between jobs by adding a barcode and registration marks. Your finisher can automatically perform changeovers simply by reading the barcode. It can also compensate for any shrinkage and image shift by reading registration marks.

PRECISION FINISHING SECOND TO NONE
Equipped with rotary slitters, a guillotine cutter, and a depth-adjustable creaser – the Slitter/Cutter/Creaser brings the versatility of multiple devices in one. Margins and gutters are removed by the slitters and cutter while the creaser utilizes male and female matrix channels to prevent toner cracking.

AUTOMATE YOUR PREPRESS AND FINISHING WITH FIERY IMPOSE
Save up to 70% in set up time by eliminating manual data entry with Fiery Impose® in Fiery Driven™ print environments. The integration allows barcodes and registration marks to be inputted for your finisher to read, creating a more efficient workflow.

| DC-746 |

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NEWEST MODEL

| DC-648 |

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INCREASE VERSATILITY WITH PERFORATING AND FOLDING OPTIONS

Depending on the model, the Slitter/Cutter/Creaser can be customized with perforating, slitting, and folding options. The Rotary Tool and Cross Perforation modules can be combined to produce coupons and reply cards with T- or L-shape perforations.

- **Rotary Tool Module** performs perforations, micro-perforations, scores and slit-scores across the length of the sheet as well as strike perforations.

- **Cross Perforation Module** performs perforations, micro-perforations, and slit-scores across the width of the sheet as well as strike perforations.

- **Slitting Module** adds a set of two slitters, increasing the maximum number of slits that can be processed per sheet.

2-up Coupons on 13"x19" with T-and L-shape Offset Perforated Cards

finished pieces

1-up Flyer on 12"x18" One Fold and L-shape Perforated Cards

fold with IFS in one pass   finished pieces

	DC-746	DC-648
Maximum Speed	50 sheets per minute	40 sheets per minute
Input Paper Size	8.26" x 8.26" to 14.56" x 26.37"*	8.26" x 8.26" to 14.56" x 39.3"
Feed Capacity	5.9"	4.7"
Paper Weight	110 - 350 gsm	110 - 400 gsm
Maximum Slits/Cuts/Creases	10 slits, 30 cuts, 20 creases	8 slits, 25 cuts, and 20 creases
Options	Rotary tool, cross perforating, and up to 2 slitter modules; Integrated Folding System for in-line folding; 48" long conveyor stacker; PC and PC arm	Rotary tool, cross perforating, and slitting modules; 48" long conveyor stacker; PC and PC arm

	DC-646	DC-618
Maximum Speed	30 sheets per minute	23 sheets per minute
Input Paper Size	8.26" x 8.26" to 14.56" x 26.37"*	8.26" x 8.26" to 13" x 39.3"
Feed Capacity	3.9"	3.9"
Paper Weight	110 - 350 gsm	110 - 400 gsm
Maximum Slits/Cuts/Creases	8 slits, 25 cuts, 20 creases	6 slits, 30 cuts, and 20 creases
Options	Rotary tool, cross perforating, and slitting modules; Lightweight paper creaser module; Integrated Folding System for in-line folding; 48" long conveyor stacker; PC and PC arm	Rotary tool and cross perforating modules; Manual perforation module; 48" long conveyor stacker; PC and PC arm

* The DC-746 and DC-646 can be adjusted to process banner sheets up to 39" in length. Length is 31" when using the standard long paper feed tray.

BEST SELLER

| DC-646 |

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| DC-618 |

Scan to watch video

INTEGRATED FOLDING SYSTEM

- *In-line knife folder for the DC-746 and DC-646 Slitter/Cutter/Creaser*
- *Processes sheets up to 14" x 26"*
- *Straight conveyor and long stacker options*

Almost every print job requires a fold and now you can eliminate setting up a separate folding device by adding the Integrated Folding System (IFS) to your DC-746 or DC-646. Remove the bottleneck in your digital print finishing by processing multiple-up jobs and getting them done using a single system.

The IFS utilizes two knife blades to perform the most common folds along with an infinite number of custom folds up to 50 sheets per minute. Any job printed on over 80 lb cover with toner requires a knife folder and the IFS can handle up to 130 lb cover. Go from flat sheets to finished pieces cut in both directions, creased, perforated, and folded in one pass.

POPULAR FOLD TYPES FOR IFS FOLDER

Single   Double   Letter   Z   Gate

| DC-646 IFS |

DC-516 PRO MULTI-FINISHER

- *High speed creasing, cutting, or perforating*
- *Processes sheets up to 14" x 26"*
- *Pro and base model available*

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The DC-516 Pro Multi-Finisher offers the flexibility to be used as a high-speed creaser, cutter, or perforating device – or a combination of any two – for finishing longer runs.

Dual creasing modules perform up or down creases up to 100 sheets per minute and can be used simultaneously to produce perfect bound covers with hinges and Z-fold pieces. If cutting high volume cards is what you need, you can quickly cut 36-up business cards on 14" x 20" using the cutting and slitting modules. Up to 30 cuts and 10 slits per sheet can be applied. The rotary tool performs micro-perforations, scores, slit-scores, and strike perforations along the length of the sheet. The cross perforating tool utilizes a long rule to apply perforations across the width of the sheet and teeth can be removed for partial perforations. Combine both modules to create custom T- or L-shape perforations.

DC-516 Pro		DC-516 Base
x	Creasing Module	x
Optional	Additional Creasing Module	x
x	Cutting Module	Optional
x	Slitting Module	Optional
Optional	Rotary Tool Module	Optional
Optional	Cross Perforation Module	Optional
x	Long Conveyor Stacker	Optional

| DC-516 Pro |

iSADDLE 5.0

- Accepts paper sizes up to 14" x 24"
- Produces up to 5,050 booklets per hour

- Creates thicker 120-page booklets
- Connects up to six towers or up to three towers and a sheet feeder in a Duetto configuration

Scan to watch video

The iSaddle 5.0 is Duplo's next generation saddle stitcher combining intelligent feeding and collating with high performance scoring, folding, and stitching. Produce a wider range of creative applications in a variety of sizes including 12" x 12", letter landscape, calendars with long covers, and booklets with multiple sheet sizes on demand and with minimal set up time.

Utilizing the PC Controller software, simply select or enter a custom paper size and the saddle stitcher will automatically set the score, stitch, fold, and trim settings in under 60 seconds. You can also use the Intelligent Multi-Bin Feed (IMBF) function to perform custom feed jobs.

Designed to handle both offset (set-by-set) and digitally printed (sheet-by-sheet) output with equal ease, the iSaddle 5.0 can be configured with various feeders to accommodate longer or shorter runs. Depending on the configuration, three-side trimming and 2-up finishing capabilities can be added with the DKTS-200 Two Knife Trimmer.
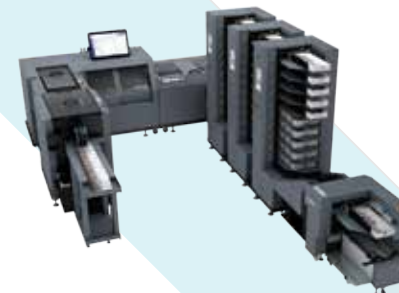
OTHER CONFIGURATIONS

iSaddle 5.0 Pro Duetto System
DSC-10/60i Collator + DSF-6000 Sheet Feeder

iSaddle 5.0 Pro Digital System
DSF-6000 Sheet Feeder

iSaddle 5.0 Digital Duetto System
DSC-10/60i Collator and DSF-2200 Sheet Feeder

iSaddle 5.0 Digital System
DSF-2200 Sheet Feeder

iSaddle 5.0

Duplo's line of Booklet Systems and Digital Booklet Systems provide automated solutions designed for shorter job lengths, fewer touchpoints, and less waste. Each system combines the stitcher or stapler, folder, and face trimmer – making it easier for commercial print shops and in-plants to run without an experienced operator required. Maximize your productivity and produce a variety of applications, from letter landscape catalogs to CD-size booklets up to 300 gsm, on demand.

AUTOMATED SETTINGS AND CHANGEOVERS
Whether using the PC Controller software or the LCD control panel, manual set ups are no more. Simply select a standard or custom paper size and the bookletmaker will set the stitch or staple, fold, and trim setting. The job memory stores your most common jobs and changeovers from one size to another are performed automatically.

THE COLLATOR ADVANTAGE
Each Booklet System integrates the DSC-10/60 Air Suction Collator to offer the flexibility to feed output from multiple presses, both offset and digital, and finish booklets at faster speeds than in-line systems. Each of its 10 bins comes equipped with our patented dual fan technology for separation and feeding.

MODULAR DESIGN
Duplo offers a complete range of solutions from high production to entry-level and their modular design means the feeder or bookletmaker can be upgraded at anytime without having to replace the entire system.

SQUARE BACK BINDING
It's the finishing touch in professional bookletmaking. Squared back booklets lay flat, keep pages secured, and make packing more efficient. The DSS-350 Square Spine module can be configured in-line with the 350 Booklet System and 350i Digital Booklet System or used as a stand-alone unit.
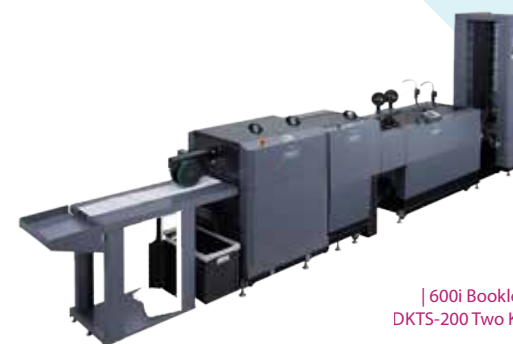
600i BOOKLET SYSTEM

- *Connects the DBM-600 Bookletmaker and DSC-10/60i Collator*
- *Accepts paper sizes up to 14" x 24"*
- *Produces up to 5,200 booklets per hour*

Scan to watch video

Duplo's flagship system, the high-speed 600i Booklet System, offers the capability to produce letter landscape and calendar applications on demand. Perfect for longer runs, the entire system can be managed via a PC utilizing the PC Controller software and jobs can be set up in under 60 seconds. Custom feed jobs can also be performed using the Intelligent Multi-Bin Feed (IMBF) function. Merge black and white documents with color media, combine uncollated offset with collated digital output, and create one-to-one booklets by inserting variable data material.

Utilizing two heavy-duty Hohner stitch heads, saddle stitched booklets with up to 30 sheets can be produced. The capacity increases to 50 sheets with side, top, and corner stitching. Double production by adding the optional 4-stitch head kit along with the DKTS-200 Two Knife Trimmer for 2-up bookletmaking. Up to 6 towers for a total of 60 bins can be configured.

| 600i Booklet System with DKTS-200 Two Knife Trimmer |

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350 BOOKLET SYSTEM

- *Connects the DBM-350 Bookletmaker and DSC-10/60 Collator*
- *Accepts paper sizes up to 12.6" x 18.11"*
- *Produces up to 3,000 booklets per hour*

The 350 Booklet System provides an off-line solution for mid-range production. Utilizing two DeLuxe stitch heads, the system automatically positions the stitch and adjusts the fold roller gap according to the thickness of the spine for precision bookletmaking. Produce booklets with saddle or corner/side stitching up to 20 sheets.

Job set up is done via the LCD control panel and up to 20 jobs can be stored in memory. Customize the system with a number of options including small booklet, side/corner stitch, and 6-page insert kits to meet your application needs. The DSS-350 Square Spine module can be connected in-line to give your booklets a more lay-flat finish. Up to four towers, for a total of 40 bins, can be connected.

150 BOOKLET SYSTEM

- *Connects the DBM-150 Bookletmaker and DSC-10/60 Collator*
- *Accepts paper sizes up to 12.6" x 18.11"*
- *Produces up to 2,400 booklets per hour*

Ideal for shorter runs, the 150 Booklet System is our entry-level collating solution for professional bookletmaking. Featuring the Isaberg Rapid stapler, this system produces booklets with saddle or corner/side stapling up to 25 sheets. Sets can be manually fed into the bookletmaker for quick runs. No additional kits are required and staple cartridges are easy to replace when needed.

Set up jobs with ease via the LCD control panel and use the built-in memory to save 16 of your most common jobs. Up to two towers, for a total of 20 bins, can be connected.

| 350 Booklet System |

DBM-400STR DEEP PILE STACKER
For collated work, the DBM-400STR Deep Pile Stacker offers a high capacity option for straight or offset stacking. Placed at the right side of the collator with any of our systems, it can process up to 9,800 sets per hour.

| 150 Booklet System |

BRING PRECISION BOOKLETMAKING TO YOUR DIGITAL SHOP

600i PRO DIGITAL BOOKLET SYSTEM

- *Connects the DBM-600 Bookletmaker and DSF-6000 Sheet Feeder*
- *Accepts paper sizes up to 14" x 24"*
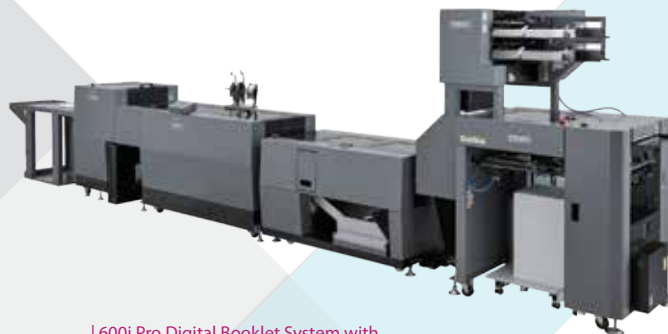- *Produces up to 4,800 booklets per hour*

Scan to watch video

More suitable for larger, digital print productions is the 600i Pro Digital Booklet System. Featuring a 24" feed capacity with three-side air separation and static eliminator, the DSF-6000 Sheet Feeder processes the output printed from your digital presses with efficiency. The DSF-CFL Cover Feeder can be added to feed covers separately along with a barcode reader to process variable data with integrity.

In addition to letter and CD-size booklets, the 600i Pro can produce letter landscape and saddle stitched applications with up to 30 sheets. Side, top, and corner-stitched applications can be produced with up to 50 sheets.

The entire system can be managed from a PC utilizing the PC Controller software. No manual set ups are required and changeovers are performed automatically. The DBM-HSC High Speed Creaser offers an in-line creasing and slitting option to deliver full-bleed finishing.

| 600i Pro Digital Booklet System with
DBM-HSC High Speed Creaser |

600i DIGITAL BOOKLET SYSTEM

- *Connects the DBM-600 Bookletmaker and DSF-2200 Sheet Feeder*
- *Accepts paper sizes up to 14" x 24"*
- *Produces up to 3,272 booklets per hour*

The 600i Digital Booklet System provides a more affordable option for longer digital print jobs. The DSF-2200 Sheet Feeder, with front/side air separation and an anti-static device, processes the printed output from your digital presses. Two bins with air suction feed technology and a built-in end mark reader can be used to feed covers and inner sheets separately.

In addition to letter and CD-size booklets, the 600i Pro can produce letter landscape and saddle stitched applications with up to 30 sheets. Side, top, and corner-stitched applications can be produced with up to 50 sheets.

The entire system can be managed from a PC utilizing the PC Controller software. No manual set ups are required and changeovers are performed automatically. The DBM-HSC High Speed Creaser offers an in-line creasing and slitting option to deliver full-bleed finishing.

| 600i Digital Booklet System |

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TRANSFORM PRE-COLLATED SETS INTO PROFESSIONALLY-FINISHED BOOKLETS

350i DIGITAL BOOKLET SYSTEM

- Connects the DBM-350 Bookletmaker and DSF-2200 Sheet Feeder
- Accepts paper sizes up to 12.6" x 18.11"
- Produces up to 3,000 booklets per hour

Scan to watch video

Ideal for mid-range production, the 350i Digital Booklet System offers a near-line solution for your digital print applications. The system performs saddle or corner/side stitching and can produce booklets with up to 20 sheets. Utilizing two DeLuxe stitch heads, the system automatically positions the stitch and adjusts the fold roller gap according to the thickness of the spine for precision bookletmaking. The entire system can be managed from a PC utilizing the PC Controller software. No manual set ups are required and changeovers are performed automatically.

Customize it with a number of options including small booklet, side/corner stitch, and 6-page insert kits to meet your application needs. The DSS-350 Square Spine module can be connected in-line to give your booklets a more lay-flat finish.

150 DIGITAL BOOKLET SYSTEM

- Connects the DBM-150S Bookletmaker and DSF-2200 Sheet Feeder
- Accepts paper sizes up to 12.6" x 18.11"
- Produces up to 1,720 booklets per hour

Scan to watch video

The 150 Digital Booklet System is our entry-level solution for professional bookletmaking. More suitable for shorter runs, this affordable system features the Isaberg Rapid stapler and can produce booklets with saddle or corner/side stapling up to 25 sheets. Sets can be manually fed into the bookletmaker for quick runs. No additional kits are required and staple cartridges are easy to replace when needed.

The feeder, with front/side air separation and an anti-static device, processes the output printed from digital presses with reliable performance. Both bins utilize air suction technology and can be used to feed covers and inner sheets separately. Set up jobs with ease via the LCD control panel and use the built-in memory to save 16 of your most common jobs. Or add the optional PC Controller software on the DSF-2200 to manage the system from a PC.

| 350i Digital Booklet System |

| 150 Digital Booklet System |

DPB-500 PERFECT BINDER

- Processes up to 525 cycles per hour
- Handles book blocks up to 12.6" x 14"
- Performs in-line cover hinge scoring

Scan to watch video

Ideal for short to medium runs and variable productions, the single-clamp DPB-500 Perfect Binder produces books up to 2" in thickness. Offering automated set up and changeovers for increased productivity, the DPB-500 applies hot-melt EVA glue to the spine and sides. With the cover automatically fed into position, the book block is moved across the milling and notching station to properly prepare the spine for strong glue penetration.

The DPB-500 features a large glue tank with two heated drums and two side gluing wheels to bind the edge of the cover to the side of the book block for proper opening and closing. The clamp can also automatically adjust to process variable thicknesses and set the nipping and hinge scoring station for precision book binding.

| DPB-500 |

DB-290 PERFECT BINDER

- Processes up to 360 cycles per hour
- Handles book blocks up to 12.6" x 15.75"
- Creates tape bound and padded books too

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Ideal for shorter runs, the single-clamp DB-290 Perfect Binder produces books up to 1.6" in thickness. More compact in size, the DB-290 applies hot-melt EVA glue to both the spine and sides. With the book block loaded in the clamp and the cover manually set into place, the DB-290 begins with a double pass over the notching and roughening station to prepare the spine for glue adhesion. The clamp automatically adjusts to the thickness of the book and sets the nipping station.

In addition, the DB-290 offers tape binding capabilities with two different tape sizes available and with a push of a button, sets the padding function where only the required amount of glue is added to the spine to produce custom notepads.

| DB-290 |

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SOLUTIONS FOR YOUR CUTTING AND FOLDING NEEDS

HC-680i & HC-550i HYDRAULIC CUTTERS

- *Hydraulic-powered clamping and cutting*
- *Easy job setup via LCD control panel*
- *Safety certifications*

The HC-680i and HC-550i Hydraulic Cutters effortlessly cut through large stacks of paper including postcards, direct mail, and perfect bound books. The cuts and sequence for each job can be programmed using the control panel. As each cut is performed, the back gauge automatically adjusts for the next cut. The control panels prompt the cut rotation to eliminate errors and increase efficiency.

The LED light illuminates the cut line, allowing you to see exactly where the cut will be applied, and the foot pedal controls the low-pressure clamp to keep the job firmly in place. Simply rotate the job and discard the scraps. Both models provide an aluminum alloy cutting table with anti-friction surface and dual palm buttons to activate safety sensors.

	HC-680i	HC-550i
Maximum Cutting Width	26.8"	21.6"
Maximum Stack Height	4"	3.5"
Job Memory	999 jobs, 128 cuts	

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| HC-680i |

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| HC-550i |

DF-1300L AIR SUCTION FOLDER

- *Processes larger formats up to 12.2" x 25.5"*
- *Pre-programmed with six fold styles*
- *Folds up to 310 sheets per minute*

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The DF-1300L Air Suction Folder brings expanded capabilities to handle digitally-printed output and larger sheet sizes. In addition to handling everyday applications such as letters and invoices, the DF-1300L delivers with more custom applications such as tri-fold brochures, letter landscape guides, and more. Its air suction feed system makes it possible to feed coated sheets as well as bond, NCR, and offset. Optical and ultrasonic sensors are utilized to detect any double feeds as well as side air to aid when feeding longer sheets.

The DF-1300L features automatic paper size detection and fold plate setting. It can also perform cross folds by reprocessing single folded sheets and folding them in a second direction.

| DF-1300L |

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iSaddle 5.0, 600i Booklet System or 600i Pro/600i Digital Booklet System.

Set integrity was validated using the optional barcode kit
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