

specifications

SPECIFICATIONS		350i Digital Booklet System (without SCC)	350i PRO Digital Booklet System (with SCC)	NOTES	
A TRAY LOADING CAPACITY		2.56" (65 mm)			
B TRAY LOADING CAPACITY		7.87" (200 mm)			
HANDFEED		Up to 10 sheets of 20lb (75gsm) can be hand fed at one time. If there is more than 10 sheets, the set must be divided and hand fed as subsets.	N/A	• Hand feed is not available when SCC is connected	
SADDLE STITCH	Max. Paper Size (W x L)	12.60" x 18.11" (320 mm x 460 mm)	14.02" x 19.68" (356 mm x 500 mm) (slitting and/or cutting required)	<ul style="list-style-type: none"> • Maximum paper size for DBM350/350T • Maximum paper size when SCC is connected • When the paper width is 12.61" to 14.02", the SCC will be required to slit the width of the paper to within the max. specification of the DBM-350 • When the paper length is 18.12" to 19.68", the SCC will be required to cut the lead and trail edge of the paper to within the max. specification of the DBM-350 	
	Min. Paper Size (W x L)	5.82" x 8.27" (148 mm x 210 mm)		<ul style="list-style-type: none"> • Minimum paper size without small booklet kit • Lead and trail edge cutting cannot be performed with the SCC when the paper length is 8.27" to 8.62". The cutting function on the SCC will automatically disable • Slitting cannot be performed with the SCC when paper width is 5.83" to 6.14". The slitting function on the SCC will automatically disable 	
	Min. Finished Booklet Size (W x L)	5.82" x 3.35" (148 mm x 85 mm)		<ul style="list-style-type: none"> • Minimum finished booklet size without small booklet kit 	
	Max. Finished Booklet Size (W x L)	NO TRIM: 12.60" (320 mm) x 9.06" (230 mm) WITH TRIM: 12.60" (320 mm) x 9.02" (229 mm)			
SIDE AND CORNER STITCH (OPTION)	Paper Width	10.12" (257 mm) to 11.69" (297 mm)	10.12" (257 mm) to 13.66" (347 mm)	<ul style="list-style-type: none"> • Slitting, using the SCC, is required and will automatically be activated when the paper width is 11.7" to 13.66" • Slitting cannot be performed with the SCC when paper width is 10.12" to 10.45". The slitting function on the SCC will automatically be disabled 	
	Paper Length	7.17" (182 mm) to 8.50" (215.9 mm)	7.17" (182 mm) to 10.47" (265.9 mm)	<ul style="list-style-type: none"> • Lead and trail edge cutting, using the SCC, is required and will automatically be activated when the paper length is 8.51" to 10.47" • Lead and trail edge cutting cannot be performed with the SCC when paper length is 8.27" to 8.62". The cutting function on the SCC will automatically be disabled 	
STITCH CAPACITY	Saddle	0.08" (2.1 mm) or less			
	Corner/Side	Equivalent: 20 sheets of fine quality 81.4 gsm			
TRIMMING AMOUNT (DBM-350T)		0.04" x 0.79" (1 mm x 20 mm)			
SQUARE SPINE (DSS-350)		Max. thickness 0.17" (4.2 mm)			
SLIT AMOUNT (TOP & BOTTOM)		N/A	Min. Slit: 0.16" (4 mm) Max. Slit: 0.98" (25 mm)	• Slit amount is subject to the size of paper being used	
CUT AMOUNT (LEAD & TRAIL EDGE)		N/A	Min. Cut: 0.16" (4 mm) Max. Cut: 0.98" (25 mm)	• Cut amount is subject to the size of paper being used	
NUMBER OF CREASES PER SHEET		N/A	1	<ul style="list-style-type: none"> • Crease applied to center sheet(s) • Three Crease Modes: crease all sheets, crease cover only, crease cover and inner most sheet 	
POWER	DSF-2200	SCC	DBM-350	DBM-350T	DSS-350
	100 - 240 VAC 2.6 - 1.1A 260W	100 - 240 VAC 1.4 - 0.6A 120W	100 - 240 VAC 3.5 - 1.5A 330W		100 - 240 VAC 1.8 - 0.8A 140W

Duplo
from print to documents

350i

DIGITAL BOOKLET SYSTEM

Accepts output from multiple printers
Converts pre-collated sets into finished booklets



Duplo

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Production rates are based upon optimal conditions and may vary depending on stock and environmental conditions.
As part of our continuous product improvement program, specifications and descriptions are subject to change without notice.

Mid-Range Sheet Feeding and Bookletmaking System

The 350i Digital Booklet System integrates the automated DBM-350 Bookletmaker with the DSF-2200 Sheet Feeder, creating the perfect mid-volume digital finishing solution. Designed to meet the ever-changing demands of today's digital printer, the 350i Digital Booklet System accepts output from multiple sources and converts them into professionally-finished booklets.

PC-BASED JOB PROGRAMMING

Using Duplo's PC Controller software, the 350i Digital Booklet System can easily be managed and controlled by a single operator via a PC. This 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.

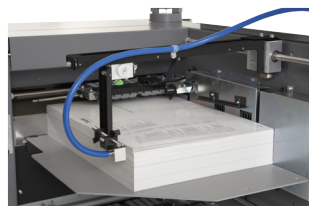


PC and PC CONTROLLER
Manage the entire system from one console and save jobs for quick setup and changeover.

User-friendly interface elements such as the drop down list, check boxes, buttons, and sliders make it extremely easy for an operator to select or change settings and to make fine adjustments if needed. The PC Controller can save an unlimited number of jobs that can be instantly recalled to change from one job to another within 60 seconds without any tools required.

SUPERIOR FEEDING SYSTEM

Confidently feed documents with precision and accuracy. Feeding up to 200 sheets per minute, the DSF-2200 is the perfect device for feeding both pre-collated digital and offset printed documents.



TRAIL EDGE AIR KIT
Provides additional air to enhance the sheet separation of longer sheets.

The DSF-2200 utilizes Duplo's patented fan technology to provide a constant and steady supply of air and suction. Together with its 8-belt suction feed system, front and side air separation and Air Management System, this compact but powerful feeder delivers exceptional feeding for a wide range of paper stocks and weights up to 300 gsm.

Each bin of the DSF-2200 is equipped with an ultrasonic sensor, a must have feature for feeding digitally printed documents or output with heavy ink coverage. Using sound waves to detect air gaps between two sheets, ultrasonic sensors are not affected by variations in ink, toner, color or paper weight and therefore, eliminate false feed errors caused by these variables.

To optimize efficiency, the upper bin provides a loading capacity of 2.56" and the lower bin provides a loading capacity of 7.87". Either bin can be used to feed covers, content, or sets with self covers. The Alternate mode allows the loading of one bin while the other is feeding.



PRE-LOADING KIT
Allows operator to pre-stage and align the paper prior to loading.

INTEGRITY AND SECURITY

Process documents containing variable sheet counts using the built-in End Mark Reader or optional barcode reader. Utilize 1D or 2D barcodes to allow the optional barcode reader to check the set ID, page sequence and total sheet count of each set to ensure that sensitive and personalized information is processed with complete integrity and accuracy.



BARCODE KITS
Reads 1D and 2D barcodes to check set integrity and process jobs with variable sheet counts.

350i DIGITAL BOOKLET SYSTEM FEATURES

- Accepts output from multiple printers
- PC Controller Software for easy operation
- Automated fast tools set-up
- Air Suction Feeding System for consistent reliable feeding
- Built in Anti Static device for handling of digital print
- Ultrasonic sensors for accurate double feed detection of pre-collated digital print
- Built in End Mark Reader for processing variable page count booklets
- Integrated Book Spine Compressor
- Heavy-duty Deluxe 26D Stitcher Heads

PROFESSIONAL, HIGH QUALITY BOOKLETMAKING

The 350i Digital Booklet System offer heavy-duty construction and is equipped with Deluxe stitching heads to provide the user with the reliability necessary to confidently produce a variety of booklet making applications.

VALUE ADDED OPTIONS

Customize the 350i Digital Booklet System to fit your needs:

- Hohner stitch heads
- SCC (Slit/Cut/Crease) module for in-line slitting, cutting, and creasing
- DSS-350 Square Spine
- Corner/Side Stitching Kit
- Small Booklet Kit
- Pre-Loading Kit
- Barcode Kit

SCC (SLIT/CUT/CREASE) MODULE

Improve workflow, eliminate touch points and convert high value, color printed documents into professionally finished, full bleed booklets with the SCC (Slit/Cut/Crease) module.

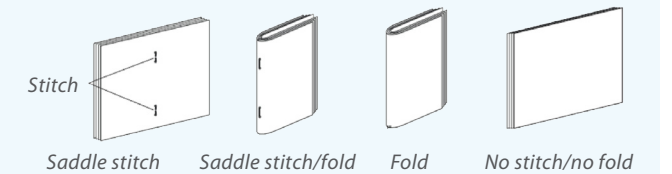


DSS-350 SQUARE SPINE

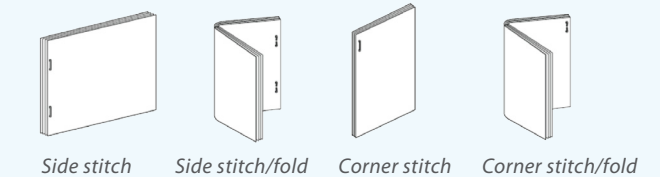
Add value and improve the appearance of saddle stitched booklets with the DSS-350 Square Spine. The DSS-350 creates flatter, more professional looking booklets that are easier to handle and pack.



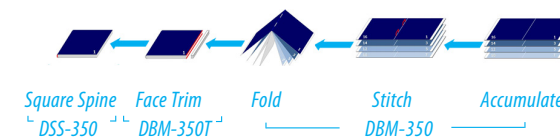
Saddle Stitch & Fold (Standard)



Side & Corner Stitch (Optional)



350i DIGITAL BOOKLET SYSTEM WITHOUT SCC



350i DIGITAL BOOKLET SYSTEM WITH SCC

