

## DSF-2000

Feed Method	Vacuum belt suction system with elevating feed tray		
Feed Capacity	Bin A (main/upper tray)	7.87" (2,000 sheets 20 lb. bond)	
	Bin B (secondary/lower tray)	2.36" (600 sheets of 20 lb. bond)	
Paper Size	5.8" x 7.8" to 12.6" x 17.72"		
Paper Type	Bin A	Fine quality paper	14 to 34 lb.
		Art/coated paper	21 to 34 lb.
	Bin B	Fine quality paper	14 to 66 lb.
		Art/coated paper	21 to 42 lb.
Paper Detection	Double-feed, misfeed, paper jam, bin empty, upper door open/close, lower door open/close, bridge door open/close, End of Set Mark Recognition, Optical Mark Recognition (OMR)		
Speed	Up to 200 sheets per minute*; also varies upon downstream processing unit		
Optical Mark Recognition (Standard)	Upper and lower side of sheet, count and check functions, search for last sheet function		
Options	Barcode reader, job tracking and reporting, DCM-KIT (air knives for main and secondary feed trays), active anti-static bar		
Power Requirements	120V AC 1.8A or 220 - 240V 0.9A		
Dimensions (LxWxH)	44" x 30" x 40"		
Weight	300 lbs.		
Connecting Devices	DBM-120SxS Bookletmaker + DBM-120T Trimmer, DBM-400SxS Bookletmaker + DBM-400T Trimmer, DBM-500 Bookletmaker + DBM-500T Trimmer		

Bookletmakers	DBM-120SxS	DBM-400SxS	DBM-500
<b>A4 &amp; LETTER SIDE/TOP STITCHING APPLICATION</b>			
Sheet Size (Min./Max.)	5.75" x 8.27" to 9.09" x 12.60"	7.87" 8.27" to 9.49" x 14.02"	4.72" x 3.35" to 14" x 10"
Fold Capacity	Up to 20 sheets*	Up to 25 sheets*	Up to 25 sheets*
<b>SIGNATURE BOOKLETMaking APPLICATION (SADDLE STITCH &amp; FOLD)</b>			
Sheet Size (Min./Max.)	10.98" x 8.27" to 17.72" x 12.60"	10.98" x 8.27" to 18.50" x 14.02"	4.72" x 6.7" to 14" x 20"
<b>GENERAL</b>			
Speed	Up to 1,800 sets per hour*	Up to 3,600 sets per hour*	Up to 5,000 sets per hour*
Detections	Paper jam (location indication), remaining staple count, top cover open/closed indication	5 jam detection functions	Wire draw detection
Number of Staple/ Stitcher Heads	2	2, 3, 4	1-4 (2 standard) Hohner heads
Staple/Stitch Positions	Corner, side, top, saddle (or no stitch for "fold only" applications)	Corner, side, top, saddle (or no stitch for "fold only" applications)	Saddle, corner, side, none (fold only)
Programmable Memory Settings	10 pre-set and 3 custom paper sizes	8	12
Power Requirements	120V AC 2A or 220 - 240V AC 1A	120V AC 8A	120V 60Hz 6.5A
Dimensions (LxWxH)	28" x 22" x 23"	57" x 28" x 36"	64" x 28" x 40"
Weight	185 lbs.	651 lbs.	908 lbs.

Trimmers	DBM-120T	DBM-400T	DBM-500T
Booklet Size (Min./Max.)	3.94" x 7.87" to 8.86" x 12.60"	3.35" x 4.73" to 9.84" x 13.78"	4.72" x 3.35" to 14" x 10"
Trim Margin	Up to 0.79***	Up to 0.98**	Up to 1***
Trim Capacity	Up to 20 folded sheets of 20 lb.*	Up to 50 sheets of 20 lb.*	Up to 25 sheets of 20 lb.*
Speed	Up to 2,400 sets per hour*	Up to 4,000 sets per hour*	Up to 5,000 sets per hour*
Power Requirements	120V AC 2.1A or 220 - 240V AC 1.5A	120V AC 4A	120V 60Hz 10A
Dimensions (LxWxH)	15" x 22" x 23"	26" x 28" x 43"	23" x 28" x 43"
Weight	124 lbs.	441 lbs.	532 lbs.

\* Dependent upon connected devices and number of bins in use

\*\* Dependent upon paper weight and size

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

## SCC Slitter/Cutter/Creaser



Sheet-Feed • 4-Side Trim • Crease • Stitch • Fold • Trim



Merging Black/White & Color

# Duplo®

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# Duplo®

# Not Everything is so **Black and White.**

## Ideal Finishing Solution For Digital Printing

Introducing the ultimate document sheet feeder like no other, the Duplo DSF-2000 System combines the advantage of both in-line and off-line finishing solutions. The DSF-2000 superior suction feeding and bookletmaking qualities transform pre-collated sheets (taken directly from digital copiers or printers) into professional booklets while maintaining set integrity.

The DSF-2000 does not limit the finishing process to any one printer. Operators may merge the output from a variety of printing sources with complete set integrity. The effortless setup of the system simply requires the operator to load the paper into the feed tray and select the desired finishing application.

## Versatility and Productivity

The DSF-2000 swiftly feeds up to 150 sheets per minute directly into the Duplo DBM-120SxS or DBM-400SxS Sheet By Sheet Bookletmaker. Once accumulated, the finishing touches are seconds away. In addition, the amount of sheets per set is fully controlled by a sheet counter, End of Set Mark Recognition, or optional barcode reader. Demonstrating its superb versatility to handle a variety of paper sizes and weights, the DSF-2000 primary feed tray exhibits a 7.87" loading capacity (2,000 sheets of 20 lb. bond), while the cover feed tray holds 2.36" (600 sheets of 20 lb. bond). Another unique feature of the DSF-2000, the Inverter Function allows for feeding and inverting printed set integrity.

# DSF-2000



DSF-2000 Document Sheet Feeder

## DBM-400SxS Engineered for High Volume Usage

The DBM-400SxS Bookletmaker is unrivalled in today's marketplace in terms of durability and user-friendliness. Setup and changeover are accomplished automatically, with no manual adjustments required. This not only reduces the need for highly skilled operators, it saves valuable equipment training time. As an additional time saver, eight programmable memory settings allow operators to store repeat jobs and move from one to another by simply pushing a button.

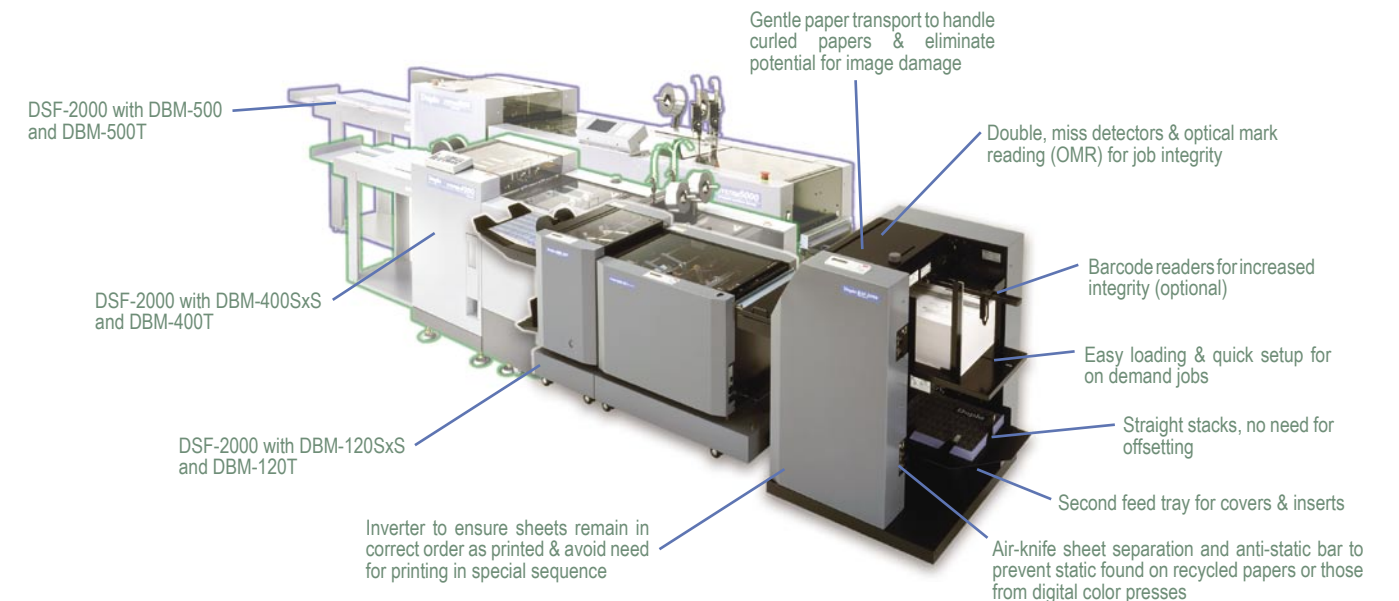
User-friendly, dependable operation is further ensured by the in-line DBM-400T Trimmer, which precisely face trims booklets with up to 100 pages.

## DBM-120SxS Fully Integrated Communication

The fully integrated communication between the DSF-2000 and DBM-120SxS Sheet By Sheet Bookletmaker allows for full control of the entire system through the DSF-2000 control panel. In addition, the Automatic Size Change (ASC) will communicate with the DSF-2000 indicating the sheet size being fed, and automatically perform the size changeover on the bookletmaker.

The automatic setting DBM-120SxS Bookletmaker and DBM-120T Trimmer offer speed, reliability, and productivity to help increase profits. With production speeds of up to 1,800 booklets per hour, the DBM-120SxS is the ideal finishing solution for short and medium runs. This bookletmaker precisely and consistently converts a maximum of 20 sheets (including a cover) into a professionally bound booklet with three stapling modes – saddle, side, and corner stapling. The clinched style staples of the DBM-120SxS have a unique flat underside for a stronger, tighter bind.

Offering clean and refined trimming once delivered through the DBM-120SxS, the DBM-120T is designed to be used in-line with the DBM-120SxS Bookletmaker for professionally trimmed books.



## Unique Slit/Cut/Crease Full-bleed Finishing

The SCC (slit/cut/crease) bookletmaking system is unique in bringing a slit/cut/crease function to the near-line bookletmaking process. Incorporating a DSF-2000 Document Sheet Feeder (with optional barcode reader), the SCC unit, a DBM-500 Bookletmaker, and a DBM-500T Trimmer, the SCC is the perfect solution to any application requiring a full-bleed finish.

Designed principally for the digital color market, the SCC-equipped bookletmaking system takes care of two common issues associated with digital color output. First, the SCC unit side-slits and trims the head and foot of each sheet providing an accurate full-bleed trim which is registered by a CCD camera to the image, rather than to the physical dimensions of the sheet; thus, correcting image drift. Second, the SCC module can crease the cover and innermost sheets of the booklet, or all the sheets in the booklet so that image cracking on the fold-line is prevented.

DSF-2000 Document Sheet Feeder  
DBM-400SxS Sheet x Sheet Bookletmaker  
DBM-400T Trimmer



DSF-2000 Document Sheet Feeder  
SCC Slitter/Cutter/Creaser  
DBM-500 Bookletmaker  
DBM-500T Trimmer

