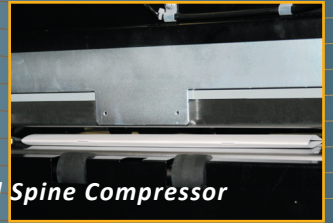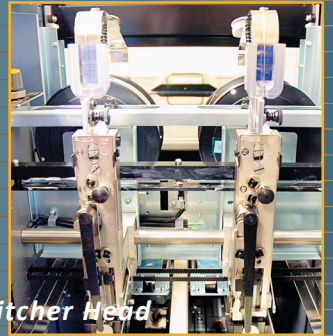# Duplo

from print to documents

SYSTEM
3500

Integrated Spine Compressor

Deluxe Stitcher Head

Automated Waste Removal

HIGHLY PRODUCTIVE,
AFFORDABLE FINISHING

Collating & Bookletmaking System

Designed for the printer with mid-range production requirements, the System 3500 Collating and Bookletmaking System incorporates up to two high-speed DC-10/60 Pro or DC-8/32 suction feed collators in-line with the fully automatic DBM-350/T Bookletmaker and Trimmer. A perfect alternative to the entry-level System 2000 and industry-leading flagship System 5000, it provides users with a highly productive, easy-to-use finishing solution. The System 3500 enables its users to produce a wide variety of applications that range from calendars and catalogs to picture books and newsletters with automation and simple adjustments. Available at a competitive price, the System 3500 allows in-plants, printing departments and commercial printers to bring their finishing operations in-house.

INCREASE PRODUCTIVITY

With a fully automated job setup and 20 memories for frequently run jobs, the System 3500 can be powered up and ready to make books in less than 5 minutes. Producing up to 3,000 books per hour, it can handle long run jobs efficiently with its proven heavy duty Deluxe 26D Stitcher Head.

QUALITY

The DBM-350 Bookletmaker features an innovative programmable spine compressor that flattens the spine, improving the lay-flat quality of finished books. Fine adjustments are simple to perform and can be saved to the job memory ensuring a consistent, quality book. The push belt technology gently guides the booklet through the stitching section, activating only when the book is ready to move. This helps to eliminate static and scratches caused by a moving belt and ejection roller system rubbing against a static booklet.

EASY TO USE

The System 3500's ease of use makes it possible for you to produce high quality books with minimal training within minutes. Simply enter the parameters of the job on the user-friendly control panel and the System 3500 will automatically adjust the stitch, fold, and trim positions.

CUSTOMIZE IT TO MEET YOUR NEEDS

The DBM-350's modular design can be configured to suit your application requirements. Connected to the DC-10/60 Pro Collator, the system productively handles a wide range of paper stock with complete accuracy while the DBM-350T Trimmer can be added to the DBM-350 Bookletmaker for face trimming capabilities. Optional small booklet, side/corner stitching, and 6-page insert kits can also be added as needed. Stacking applications can be done by adding an optional DCR-ST Cross Stacker. Situated between the collator and bookletmaker, the DCR-ST neatly cross or straight stacks output from the collator. The ability of the DBM-350/T to handle set-by-set and sheet-by-sheet output with equal ease means that it can be connected to Duplo's collating systems or the DSF-2000 Sheet Feeder, making it ideal for printers making the transition from offset to digital.

KEY FEATURES

- *Fully automated*
- *20 job memories*
- *Integrated book spine compressor*
- *Automatic waste removal*
- *Heavy duty Deluxe 26D Stitcher Head*
- *Customizable*
- *Easy stitch position skew adjustment*

DC-10/60 PRO COLLATORS

Number of Bins	10 or 20
Paper Size (Min./Max.)	4.72" x 5.52" to 14" x 20"
Paper Weight	11 lb. to 12-pt. cover
Bin Capacity	2.6"
Detections	Double-feed, misfeed, paper jam, paper transport jam, bin empty
Speed	Collating up to 10,000 sets per hour*
Feed System	Vacuum belt with air sheet separation
Power Consumption	120V 60Hz 9.5A
Dimensions (LxWxH)	25" x 30" x 78"; 49" x 30" x 78" when connected to the lift unit
Weight	Lift unit - 80 lbs.; each tower - 705 lbs.
Other Features	5-digit display (ascending and descending); twin conveyor vertical paper transport; auto calibration; left or right exit selection; automatic bin selection; 4-step overlap controls; multi-step speed adjustment; block mode (1/2-block, 1/3-block, 1/4-block functions); interleaving sheet insertion; reject tray (right and left); hand-marry unit
Connecting Devices	DBM-500 Bookletmaker, DBM-400STR Right Stacker, DBM-350 Bookletmaker, DBM-120, DCR-ST, DC-8000ST

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

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

DBM-350 BOOKLETMAKER

Booklet Size	Saddle Stitching & Folding	Length 8.27" to 18.11" Width 5.82" to 12.60"
	Side & Corner Stitching/Folding (option)	Length 7.17" to 8.50" Width 10.12" to 11.69"
Paper Type	Saddle Stitching & Folding	Fine 64 - 127.9 gsm/17 - 33 lb.; art/coated 104.7 - 127.9 gsm/17 - 33 lb.; thickness of one set - within 0.08"; cover - fine, art/coated within 300 gsm/110 lb.
	Side & Corner Stitching/Folding (option)	Fine 64 - 127.9 gsm/17 - 33 lb.; thickness of one set - within 0.08"
Speed	3,000 sets/hour (fine quality 81.4 gsm/22 lb. within 10 sheets 8.5" x 11" saddle stitch/fold) 2,700 sets/hour (fine quality 81.4 gsm/22 lb. within 10 sheets 11" x 17" saddle stitch/fold)	
Stitching Capability	Number of stitches: 0 - 2; Stitch thickness: Up to 0.08" (fine quality 81.4 gsm/22 lb. 20 sheets equivalent)	
Folding Capacity	20 sheets or less (cover x 1 (300 gsm/110 lb.) + 19 sheets (81.4 gsm/22 lb.) equivalent)	
Power Source	120 V 1.5A 60Hz (USA) 220V to 240V 1.5A 50/60Hz (UK)	
Power Consumption	330W (including power consumption of the DBM-350T)	
Dimensions (WxDxH)	DBM-350: 50" x 22" x 41"; DBM-350 + Belt Stacker: 72" x 26" x 41"	
Weight	464 lbs. (not including supplied parts)	
Options	DBM-350T; Corner/Side Stitching Kit; Small Booklet Kit; 6-page Insert Kit	
Connecting Devices	DC-10/60, DC-10/60 Pro, DSF-2000, DBM-350T, DCR-ST	

DBM-350T TRIMMER

Booklet Size	Length for single fold 4.13" to 9.06" Width for single fold 5.83" to 12.60"
Paper Type	127.9 gsm/17 to 33 lb.
Speed	3,000 sets/hour 8.5" x 11"
Trimming Ability	81.4 gsm paper 19 sheets + 300 gsm/110 lb. paper 1 sheet; total 20 sheets of single-folded paper
Trimming Length	Up to 0.79"
Range of Trimmed Paper Sizes	3.35" to 9.06"
Dimensions (WxDxH)	DBM-350 + Stand: 14" x 22" x 34"; DBM-350 + DBM-350T + Stacker: 86" x 26" x 41"
Weight	155 lbs.

DCR-ST CROSS STACKER

Paper Size (Min./Max.)	Tray L - 8.46" x 12.60" to 13.98" x 17.72" Tray S - 8.27" x 12.80" to 5.83" x 9.84"
Stack Height	Tray L - 3.94", Tray S - 7.87"
Speed	Tray L - 3,000 sets/hour 11" x 17" Tray S - 4,000 sets/hour 8.5" x 11"
Other Features	Cross and straight stacking, adjustable set interval
Power Consumption	120V 60Hz 1.0A
Dimensions (LxWxH)	28" x 27" x 25"
Weight	Main unit - 97 lbs. Tray L - 18 lbs. Tray S - 18 lbs.

Use with a bookletmaket requires the DCR-BR Bypass Conveyor

Duplo

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