

Duplo

DBM-700 WITH SQUARE SPINE CAPACITY - POWER THROUGH YOUR BOOKLETMAKING NEEDS

- **Versatile: tailor its configuration to your needs**
- **Square Spine module: deliver a quality perfect-bound book appearance**
- **Thicker booklets: up to 240pp****
- **Fully automated for optimal production efficiency**
- **High capability and speed: up to 9,000 booklets per hour.**

The DBM-700 booklet maker is the heart of a system that integrates with a variety of feeding and finishing devices to create a solution that powers through your bookletmaking needs. With the high productivity suitable for taking print from multiple presses, whether offset or digital, the DBM-700 has the versatility to take on a wide range of jobs.

Within the DBM-700, automated mechanisms control the flow of paper, jogging it neatly before placing two or four wire stitches. A knife folds the booklet in half and the optional DBM-700S adds a square spine to deliver a quality perfect-bound book appearance.

Next, the DBM-700T trims the fore-edge of the booklet for a clean finish, or even better is the additional DKTS-200 trimmer to produce the final 3 or 5 knife finished booklet and bring 2-up finishing capabilities to your system, cleanly removing all trim and passing out to an optional waste conveyor. Along with the 4-stitch capability this doubles the productivity of small format jobs up to 9,000 booklets per hour.

Overall efficiency is optimised with automated settings that are managed entirely from an intuitive user interface on a central PC. Create and set up jobs in under 60 seconds without tools, reducing the setup time between jobs so equipment is optimised for production. Adjustments can be fine-tuned and stored in the computer's memory to save an unlimited number of jobs and retrieve them as needed.

Together with high levels of reliability, this dependable system helps to streamline your operations whilst expanding your revenue stream.

Designed to enhance efficiency and versatility. Maximise your output and get more from a single system with three-knife trimming and square spine options, delivering a premium finish with the automation of a stitched book.

700i BOOKLET SYSTEM

Highly productive solution for offset and digital print in commercial and inplant environments.

DSC-10/60i Collator + DBM-700 Bookletmaker + DBM-700S Square Spine + DBM-700T Face Trimmer + DKTS-200 Two Knife Trimmer with optional Gutter Cut

- Produce from flat sheet, eliminating the task of setting and folding signatures separately.
- Discover the wide range of regular collating and intelligent feeding options to suit the way you want to work.
- Take control over how sensitive and difficult stocks are handled by the patented Duplo AMS Air Management System.
- Merge black and white documents with colour media, combine uncollated offset with collated digital output, and create one-to-one booklets by inserting variable data material.
- Add ultrasonic sensors to the tower collator to enable trouble free feeding of different paper weights in the same job, ideal for handling variable sheets.
- Run booklets and side stitched books to the left, or collate and stack to the right



AUTOMATED PRECISION

A wide range of finishing possibilities

- When 2 Stitches is not enough, the DBM-700 has the ingenious ability to move the heads and stitch again, placing 4 stitches in a sheet. Or for increased productivity, additional stitch heads can be fitted.
- 5-Knife trimming for 2-up production.
- Combine over-length sheets to form a calendar
- Add covers with flaps and pockets
- Finished sizes from A7 to larger than A4 landscape
- Intuitive graphical user interface



700 PRO DIGITAL BOOKLET SYSTEM

High speed solution for digital print

DSF-6000 Sheet Feeder + DBM-700 Bookletmaker + DBM-700S Square Spine + DBM-700T Face Trimmer + DKTS-200 Two Knife Trimmer with optional Gutter Cut

- Allows fast feeding of digitally printed and collated sets direct from a deep pile stack, with additional feeders for covers and inserts.
- With features that ensure rapid sheet separation and non-marking transportation into the booklet maker.
- Ultrasonic sensors, optical mark and barcode readers for guaranteed integrity and confidence of important documents
- Ideal for value-added personalised print applications
- Automatic operation allows the operator to concentrate on other tasks where they are better employed.



700 DIGITAL BOOKLET SYSTEM

Economical and compact configuration for digital print

DSF-2000 Sheet Feeder + DBM-700 Bookletmaker + DBM-700S Square Spine + DBM-700T Face Trimmer + DKTS-200 Two Knife Trimmer with optional Gutter Cut

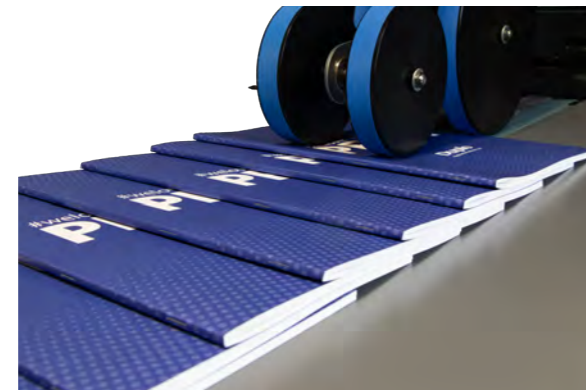
- Ideal upgrade from 150 or 350 Digital Booklet Systems
- Feeding of digitally printed and collated sets direct from a deep pile stack, with second feeder for covers.
- Integrated anti-static bar for handling difficult media
- Accepts long sheets for making A4 landscape format booklets
- Simple optical mark control for booklet management, or add optional barcode readers to ensure production is controlled and accurate

WHY FINISH WITH A SQUARE SPINE?

Value-Added Superior Quality Appearance

More sheets at lower production cost

- The optional DBM-700S adds a square spine to deliver a perfect-bound book appearance that immediately elevates the finish to look more superior to the standard folded finish.
- Thicker, flatter books that lay flat and make packing more efficient.
- Permits charging a premium for finished booklets, while also enabling more production to be streamed through the Duplo instead of other processes normally reserved for thick documents.
- Higher productivity and reduced production costs compared to glue perfect binding or coil binding.
- Essential for more than 30 sheets and great for catalogues, lookbooks, magazines, photography portfolios, textbooks, directories, reports and more.



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GENERAL SPECIFICATIONS *

BOOKLETMAKER	DBM-700 / S / T
Flat Sheet Size	W105 x L170 to 356 x 610 mm
Finished Sizes	Min : W105 x L85 (75 with Trimmer Kit) Max : W354 x L305 mm
Folding Capacity	30 sheets (120pp 80gsm, 3 mm thickness) 50 sheets (200 pp 80gsm, 5mm thickness) or 60 sheets (240pp 64gsm) ** with DBM-700S and Trimmer Kit
Max Stitching Capacity	50 sheets (80gsm, 5 mm thickness)
Number of Stitch Heads	2x Hohner 43/6S. Optional: Up to 4 heads
Trimming	DBM-700T max. 50 sheets (5mm) DKTS-200 30 sheets (3mm)
Speed	Max. 5,200 sets per hour 9,000 booklets/hr (2-up production with DKTS-200 Trimmer)

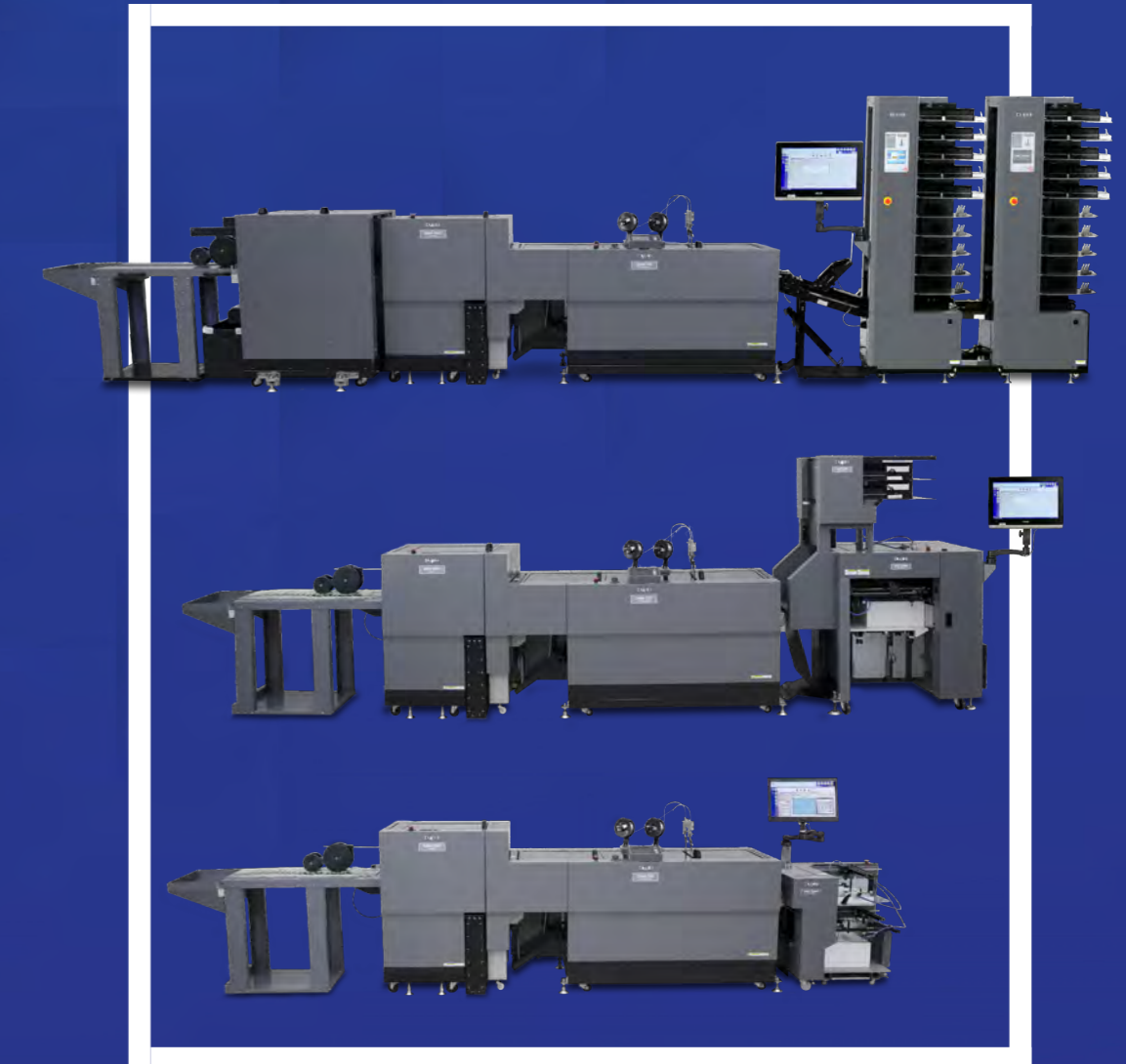
COLLATORS & FEEDERS	DSC-10/60i	DSF-2200	DSF-6000
Number of Bins	10 x 65 mm per tower, maximum 6 towers	1 of 200 mm + 65 mm cover feeder	1 of 610 mm + optional 2 bin cover feeder
Paper Size	W105 x L148 to 350 x 610 mm	W105 x L200 to 356 x 610 mm	W120 x L210 to 364 x 525 mm (cover 610)
Paper Weight	Bond : 52-157gsm (cover: 52-300 gsm) Coated : 79-157 gsm (cover: 70-300 gsm)	Bond : 52-300 gsm Coated : 79-300 gsm	Bond : 64-300 gsm Coated : 64-300 gsm
Bin Capacity	66 mm	200 mm & 65 mm for covers	200 mm & 65 mm for covers
Speed	Bookletmaking: up to 5,200 sets per hour Stacking: up to 10,000 sets per hour	Depends on bookletmaker Maximum A4 x 200, A3 x 154 sheets/min.	Depends on bookletmaker Maximum A4 x 600 sheets/min.

* Some specifications refer to maximum or minimum when additional kits are included.
For further detail, refer to individual system specification sheets
** 240pp is possible on 64gsm stock

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DBM-700

Bookletmaking System



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DISCOVER A WORLD OF POSSIBILITIES