

Duplo

from print to documents



Duplo DBM-5001

Inline Bookletmaker



Supported Printers

- Xerox iGen3® Digital Production Press
- Xerox iGen4® Digital Production Press
- Xerox Nuvera® 100/120/144/288 EA Production System



DBM-5001

IN LINE BOOKLET MAKER



A Perfect Finish to Every Job

Achieve a professional end-to-end solution for full-bleed printing and bookletmaking with Duplo's DBM-5001 Finishing System inline with a Xerox Nuvera® or iGen® Production Press. The DBM-5001 Inline Bookletmaker is exceptionally user-friendly, versatile and is perfect for finishing a wide range of on demand applications. With durable Hohner stitching heads and a state-of-the-art accumulation system, push button setup makes the powerhouse bookletmaker extremely easy to use. Quick changeovers can be achieved by diverting corner or side-stitched jobs to a separate catch-tray, while other jobs continue to pass through the face trimmer onto the belt stacker. Additionally, the DBM-500BR extension, standard for the iGen® and optional for the Nuvera®, allows oversized single sheets to be diverted into the catch tray to further speed up production. Offering even greater flexibility, the DBM-5001 features an off-line feeder unit enabling printed output from multiple sources to be fed with ease and reliability into the bookletmaker.

With the DBM-5001 connected inline with the Xerox Nuvera® or iGen® press, not only is productivity maximized but set integrity is maintained at all times since the sheets are fed directly from the printer into the bookletmaker.

Customizable Options Offer Great Flexibility

Full-bleed digital finishing. White borders and toner cracking associated with finishing digital output is resolved with the optional Slit, Cut & Crease (SCC) module. This multi-function

unit four-side trims each sheet providing an accurate full-bleed finish and can also crease the cover and innermost, or all, sheets of a booklet so that image cracking on the fold line is minimized. Full-bleed reports, brochures, manuals, policy documents and more can be quickly printed and finished in one streamlined operation.

Polished square spines. Other useful options include a square spine module which provides value added folding features to finished documents. By adding text printing to the spine, booklets can be stacked upright on shelves for easy identification and retrieval. Square spine booklets can also be packaged more compactly which greatly minimizes shipping costs.

Increase productivity. A 4-head stitcher option further enhances productivity by enabling the DBM-5001 to process 2-up booklets while a DBM-LS1 Long Stacker allows continuous stacking of finished applications. A DBM-K Batch Kicker is also available to offset books into groups for efficient boxing or batching.

The Right Solution from Printing to Finishing...

With speed, power, and versatility, the DBM-5001 Bookletmaker inline with the Xerox Nuvera® or iGen® offers maximum productivity across the entire production workflow, from setup and printing to finishing. Create high quality, high impact applications with a DBM-5001 configured specifically for your needs and make your business thrive.

"With the Duplo system's ability to score covers and inside pages as well as four-side trim, it was a clear fit for us, especially for our variable data work off the iGen3. We find it very easy to use the Duplo - the accuracy is unbelievable and you can guarantee the job will be done right."

Rusty Coolidge, President of Chroma Graphics, Inc. - Upper Marlboro, MD



Separate **catch tray** diverts corner or side-stitched jobs while allowing other jobs to continue to pass through to the trimmer.

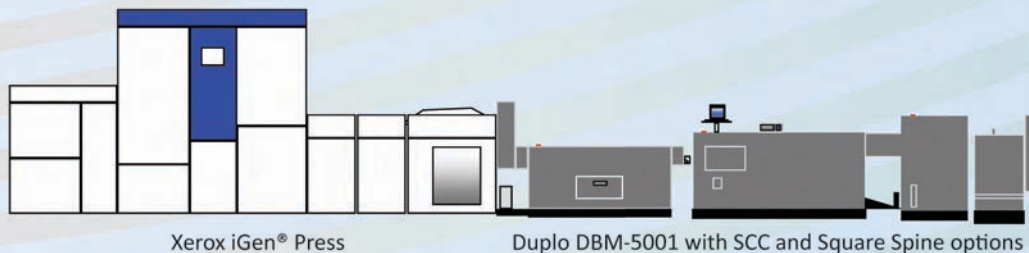


Off-line feeder enables printed output from multiple sources to be fed into the bookletmaker.



Hohner 4-Head Stitcher option enables the DBM-5001 to process 2-up booklets.

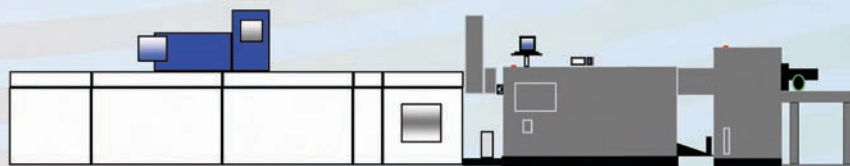
Xerox iGen® Digital Production Press inline with Duplo DBM-5001 Bookletmaker



Xerox iGen® Press

Duplo DBM-5001 with SCC and Square Spine options

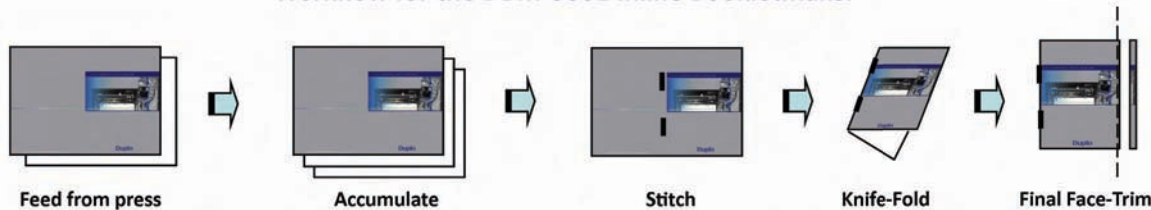
Xerox Nuvera® 100/120/144/288 EA Production System inline with Duplo DBM-5001 Bookletmaker



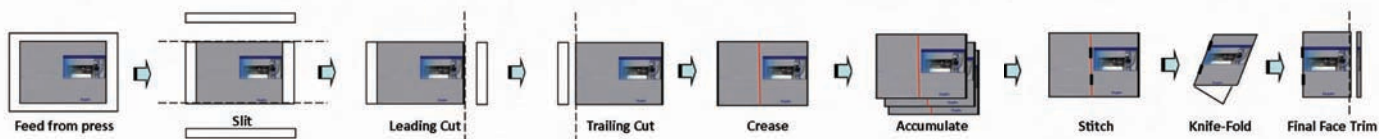
Xerox Nuvera® System

Duplo DBM-5001 with Long Stacker option

Workflow for the DBM-5001 Inline Bookletmaker



Workflow for the DBM-5001 Inline Bookletmaker with SCC Option



"We have been very pleased with the addition of the Duplo bookletmaker to our inline bindery capabilities. The equipment offers an easy-to-use interface and a design that seems perfect for heavy production use. The Duplo system has decreased our turnaround time and defect rate while increasing the quality of our product, which will lead to reduced costs in time."

Freddy Baird, Chief Operating Officer of QuantumDirect, Inc. - Austin, TX

DBM-5001 INLINE BOOKLETMAKER

Type	Specifications
Paper Size	Minimum: 4.7" x 6.7" (120 x 170 mm) w/o BSR Maximum: 14.01" x 19.7" (356 x 500 mm) w/o BSR Minimum: 8" x 10" (203 x 254 mm) w/BSR in rotating mode Maximum: 9" x 14" (228 x 356 mm) w/BSR in rotating mode
Paper Weight	Art/coated paper: 84.9 to 300 gsm
Paper Weight (with SCC option)	Process Path fine quality paper: 80 to 300 gsm Bypass Path fine quality paper: 60 to 127.9 gsm
Top & Bottom Trim	Minimum: 4 mm Maximum: 25 mm
Side Trim	Minimum: 4 mm Maximum: 25 mm
Face Trim	Minimum: 5 mm Maximum: 75 mm
External Waste Collector Capacity	4.28 cubic feet
Stapling/Folding Paper Size	Minimum: 4.72" x 6.69" (120 x 170 mm) Maximum: 12.6" x 19.68" (320 x 500 mm)
Output Booklet Size	Minimum: 5.8" x 3.35" (120 x 80 mm) w/o trim Maximum: 12.6" x 9.84" (320 x 250 mm)
Edge/Top/Corner Stapling	Number of sheets: 30 sheets 80 gsm Minimum: 4.72" x 6.69" (120 x 170 mm) Maximum: 13.82" x 14" (351 x 366 mm)
Saddle Stapling	Fold: 25 sheets 75 gsm Fold/Staple: 25 sheets 75 gsm Square Fold: 25 sheets 80 gsm
Paper Curl	Not to exceed ±3mm

Production rates are based on optimal 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.

PRODUCTIVITY

Maximum Process Speed	Process	Path	Slitter	Cutter	Creaser	Slitter + Creaser	Cutter + Creaser	Sheet/Minute
	Bypass		Slitter + Cutter	Slitter + Cutter + Creaser				25 sheets/minute 25 sheets/minute 200 sheets/minute 150 sheets/minute
			8.5" x 11" (A4)	11" x 17" (A3)				

ELECTRICAL REQUIREMENTS

Product	USA	Europe
DBM-5001	(6) 115 AC Outlets, 20 Amps, 60 HZ	(6) 220-240 AC Outlets, 15 Amps, 50/60 HZ
SCC*	115 AC 1.7 Amps 60 HZ	220-240 AC 50/60HZ 1.0 Amp
DBM-LS1*	N/A	N/A
DBM-500BR**	N/A	N/A
Square Back Spine*	115 AC 5 Amps 60 HZ	230 AC 50/60 HZ 3.0 Amp

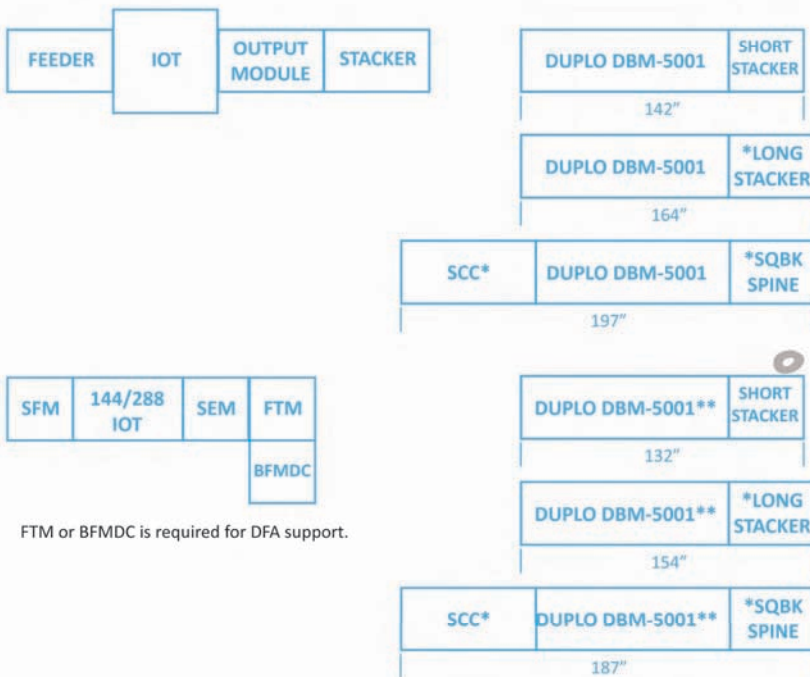
* Optional

** Standard for iGen, optional for Nuvera

ENVIRONMENTAL REQUIREMENTS

Environment	Indoor (not subject to sunlight)
Temperature	41-95°F (5-35°C)
Humidity	30-85% RH (no dew condensation)
Heat Emission	N/A
Sound Emission	70 db

SYSTEM CONFIGURATION



* Optional

* Optional

** Does not include DBM-500BR

Duplo



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