

**SPECIFICATIONS**

**700i PRO Digital Booklet System**

Paper Size	DSF-6000 Sheet Feeder	CFL Cover Feeder
Width	4.72" to 14.33"	4.72" to 14.02"
Length	8.27" to 20.67"	8.27" to 24.02"
Loading Capacity	24.02"	2.36" (Trays 1 & 2)
Buffer Capacity	10 sheets or less (0.06"/1.5mm thickness or less)	
Paper Weight	52.3-160 gsm (Less than 64 gsm maximum 10 sheets)	
Fine Quality Paper	84-160 gsm	
Art Coated Paper	Up to 350 gsm	
Curl	5 mm or less	
Saddle Stitch & Fold	W x L	
Minimum Paper Size	4.72" x 8.27" (Minimum paper width when doing 4 stitches is 7.62") 4.81" x 8.27" (2 stitches with head/foot trim) <sup>3</sup> 7.70" x 8.27" (4 stitches with head/foot trim) <sup>3</sup> 7.88" x 8.27" (4 stitches, head/foot trim with 8mm gutter cut) <sup>3,4</sup> 14.33" x 20.67" (DSF-6000) 14.02" x 24.02" (CFL) 12.60" x 17.72" (When processing more than 30 sheets) <sup>1,2</sup>	
Side Stitch	8.27" x 8.27"	• Stitch position range varies upon paper width and number of stitches
Minimum Paper Size	14.33" x 14.33" (DSF-6000)	• No fore edge trim
Maximum Paper Size	14.02" x 14.33" (CFL)	
Corner Stitch		
Minimum Paper Size	7.29" x 8.27"	
Maximum Paper Size	14.01" x 14.33"	
Number of Sheets	2 to 30	
Saddle Stitch & Fold	31 to 50	• Square spine required • No head/foot trim • Paper width: 7.87" to 12.60" • Paper length: 10.63" to 17.72" • Cover: 300 gsm or less
Fold Only (No Stitch)	2 to 5	
Side/Corner Stitch	5 to 20	
	2 to 50	• A4 LEF, A4SR LEF, LTR LEF with fine quality paper 81.4 gsm
	5 to 30	

<b>Features</b>	<b>DSF-6000 Sheet Feeder</b>
Control Panel	PC Controller and LCD
Detections	Miss-feed, optical and ultrasonic double feed detections, jam detection, Optical Mark Reader, optional barcode readers for checking set integrity
Other	Automated functions: DSF-6000 side and rear paper feed guides, buffer stopper and side guides
Options	DSF-CFL Cover Feeder, Barcode Kit for DSF-6000, Barcode Kit for DSF-CFL

	Power Requirements	Dimensions	Net Weight
DSF-6000 Sheet Feeder	100 - 240 VAC 50/60 Hz 2.7 - 1.2 A 250W (IF Box: 100 - 240 VAC 50/60 Hz 1.9 - 0.8 A 180W)	59.8" x 31.3" x 45.2" (1519 x 795 x 1148 mm)	667 lb/303 kg
DBM-700 Bookletmaker	120V 60Hz 6A 565W	77.8" x 38.8" x 59.3" (1976 x 986 x 1507 mm)	806.9 lb/366 kg
DBM-700S Square Spine	Supplied by the DBM-700	10.2" x 36.8" x 44.9" (259 x 934 x 1140 mm)	260 lb/118 kg
DBM-700T Trimmer	120V 60Hz 7.0A 620W	28.3" x 68.7" x 67.4" (719 x 1746 x 1712 mm)	531.3 lb/241 kg
DBM-HSC High Speed Creaser	100-240V 50/60Hz 3.5 to 1.6A 285W	54.53" x 29.73" x 33.27" (1385 x 755 x 845 mm)	535.7 lb/243 kg
DKTS-200 Two Knife Trimmer	200-240V 50/60Hz 3.3A 450W	93.9" x 53.9" x 63.7" (2385 x 1369 x 1618 mm)	1,309.6 lb/594 kg

<sup>1</sup> Optional DBM-700S Square Spine required <sup>2</sup> Optional 50 Sheet Booklet Trim Kit required <sup>3</sup> Optional DKTS-200 Two Knife Trimmer is required. Head/foot trim <sup>4</sup> Optional 8mm Gutter required <sup>5</sup> Optional 4 Stitch Kit and two additional stitch heads are required  
<sup>6</sup> Depending on the paper length, number of sheets and the overall system settings, the processing speed is subject to decrease.  
 Square spine booklets cannot be head/foot trimmed. Square spine booklets can only pass through the DKTS-200 without trimming.  
 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.

Number of Stitches	2 to 4
Recommended Stitch Wire	25 gauge, 0.55 mm, when stitching 2-30 sheets 24 gauge, 0.6 mm, required when stitching 31-50 sheets
Fore Edge Trim Amount	0.04" to 0.98" (2.95" with optional 75 mm Trim Kit)
Fore Edge Trim Cutting Thickness	Without square spine: 0.24" or less With square spine: 0.393" or less
Finished Booklet Size	
Saddle stitch booklet with fore edge trim	Minimum 4.27" x 3.15" (4.72" x 2.95" with optional 75 mm Trim Kit) Maximum (DSF-6000): 14.33" x 10.30" / (CFL): 14.02" x 11.97"
Saddle stitch booklet with fore edge trim & head/foot trim <sup>3</sup>	Minimum 4.72" x 3.15" (4.72" x 2.95" with optional 75 mm Trim Kit) Maximum (DSF-6000): 14.25" x 10.30" / (CFL): 13.94" x 11.97"
2-up saddle stitch booklets with one stitch per booklet, fore edge trimmed, head/foot trimmed with 8 mm gutter cut <sup>3,4,6</sup>	Minimum 3.15" x 3.16" (3.50" x 2.95" with optional 75 mm Trim Kit) Maximum (DSF-6000): 6.97" x 10" / (CFL): 6.81" x 10"
2-up saddle stitch booklets, two stitches per booklet, fore edge trimmed, head/foot trimmed with 8 mm gutter cut <sup>3,4,5,6</sup>	Minimum 3.65" x 3.15" (3.65" x 2.95" with optional 75 mm Trim Kit) Maximum (DSF-6000): 6.97" x 10" / (CFL): 6.81" x 10"
Processing Speed	Up to 4,800 sets per hour <sup>7</sup>

**DKTS-200 Two Knife Trimmer (Option)**

Receivable Booklet Size	Width: 4.13" to 14.33" Length: 2.95" to 12.59"
Trim Amount	Head: 0.04" to 1.18" Foot: 0.04" to 1.18"
Offset Trim	0.04" to 0.83"
Trim Thickness	0.23" or less

**8 mm Gutter Cutter Option**

Receivable Booklet Size	Width: 7.88" to 14.33" Length: 2.95" to 10"
Trim Thickness	0.15" or less
Paper Size	Width: 4.14" to 14.33" Length: 6.70" to 25.19"

**HSC Slitter Module (Option)**

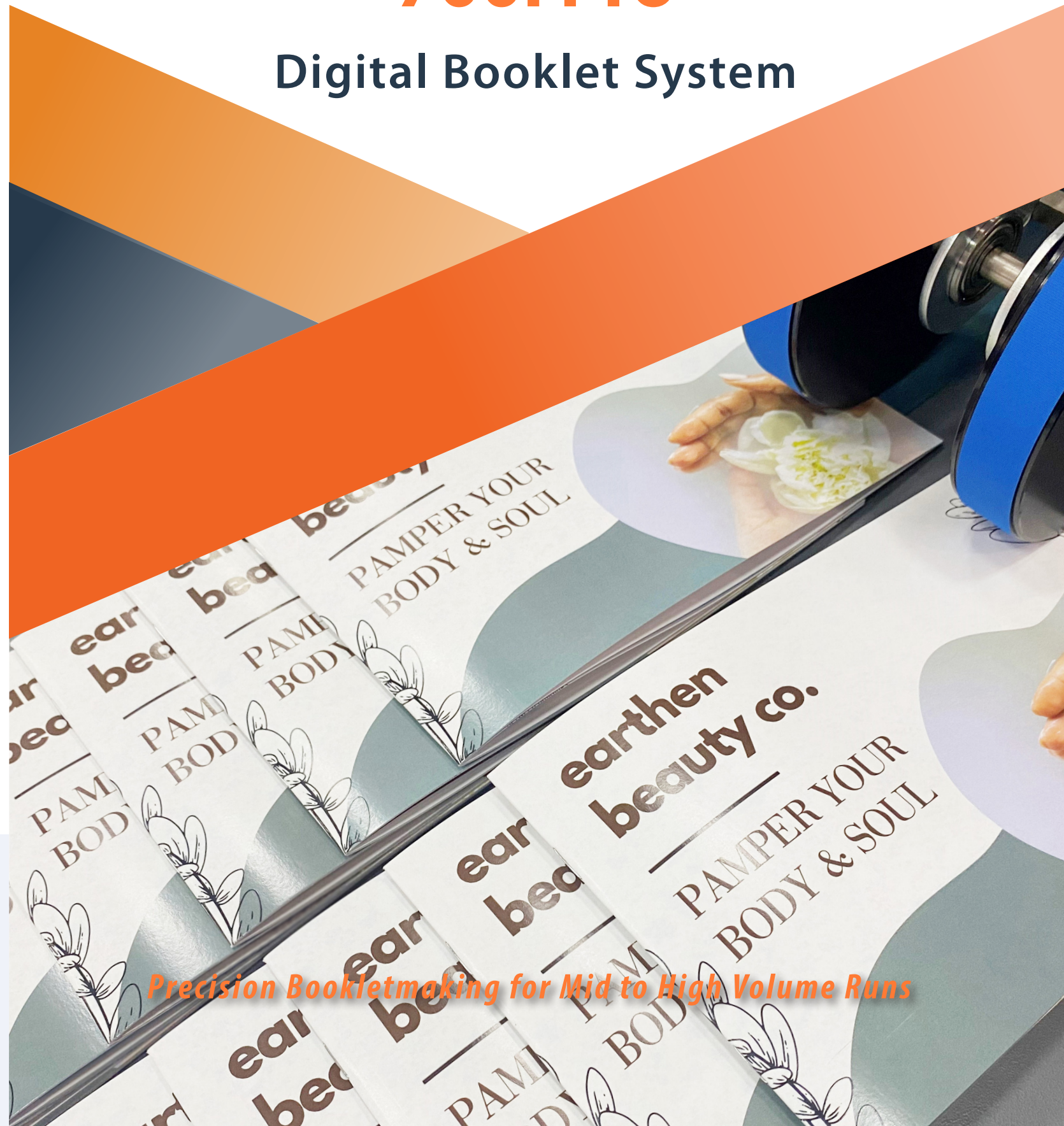
Number of Slits	2
Slit Amount	0.12" to 1" (3 to 25.4 mm)

<b>DBM-700/DBM-700T Bookletmaker &amp; Trimmer</b>	
Control Panel	PC Controller and LCD
Detections	Paper jam, wire feed detection, miss stitch detection
Other	Automated functions: stitch head position, back jogger, side guide/joggers, stitch stop position, fold stop position, fold roller gap, trim stop position, trimmer transport belt gap adjustment
Options	DBM-700S Square Spine, 4-Stitch Head Kit for DBM-700 (2 additional stitches required, sold separately), 75 mm (2.95") Trim Kit for DBM-700T Trimmer, 50 Sheet Trim Kit for DBM-700T Trimmer, Air Kit for DBM-700, miss stitch detection sensor kit for DBM-700, additional miss stitch detection sensor kit when adding 4-Stitch Kit to DBM-700, Short Stacker Conveyor, miss stitch detection, Long Stacker Conveyor

**Duplo**

**700i Pro**

**Digital Booklet System**



*Precision Bookletmaking for Mid to High Volume Runs*

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3050 S. Daimler St.  
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# 700i Pro Digital Booklet System

The 700i Pro Digital Booklet System integrates the high-speed DSF-6000 Sheet Feeder with the DBM-700 Bookletmaker. It offers full-bleed trimming and square spine options with the capability to produce 50-sheet booklets.

Suitable for larger digital print productions, the 700i Pro delivers a variety of applications with automated precision on demand up to 4,800 booklets per hour.

## AUTOMATED SETTINGS AND CHANGEOVERS

Improve overall efficiency with fully automated settings that are managed entirely from a PC station. Utilizing the PC Controller software, you can set up jobs in under 60 seconds. Simply select or enter a custom paper size and the PC Controller will automatically set the stitch, fold, and trim setting. Any fine-tune adjustments can be made with ease.

Use the computer's memory to save an unlimited number of jobs and retrieve them as needed. Changeovers from one size to another are performed within seconds and without any intervention or tooling required.

The 700i Pro also comes included with a 1-year subscription of Duplo+ Insight, a cloud-based system that captures real-time data from the bookletmaking system. The dashboard provides a quick overview of the status and performance while analytical graphs and reports provide insight for better decision making.

## HIGH SPEED SHEET FEEDING

Maximize productivity with rapid sheet feeding and process output from your digital presses with great efficiency. The DSF-6000 Sheet Feeder delivers reliable performance with three-side air separation, a static eliminator, and a 24" feed capacity for longer runs.

Built-in optical and ultrasonic sensors detect any misfeeds or double feeds and support the feeding of various paper types and weights. Also comes standard with an Optical Mark Reader. Optional barcode reader kits can be added to read 1D and 2D barcodes to identify each set and verify that each sheet is fed in the proper sequence.

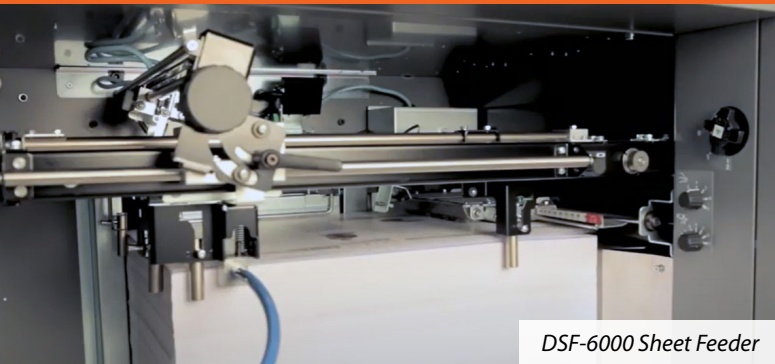
The DSF-6000 also provides the DSF-CFL Cover Feeder option to feed covers separately. Or it can be utilized independently to feed both the cover and inner sheets up to 14" x 24" for applications such as letter landscape booklets.

## PERFORMANCE BOOKLETMAKING

Maximizing efficiency in bookletmaking saves your business both time and money. The DBM-700/T integrates the stitcher, folder, and face trimmer into one automated system – eliminating the task of setting and folding signatures separately.

As each set is fed, the system guides it through the stitching and folding sections. Equipped with 2 Hohner stitch heads, the DBM-700 can apply 2 or 4 stitches. The automated stitch function enables the stitch heads to cycle twice per booklet and automatically change the position of the stitch heads after each cycle. Easily switch from 2-stitch booklets to 4-stitch jobs without any retooling.

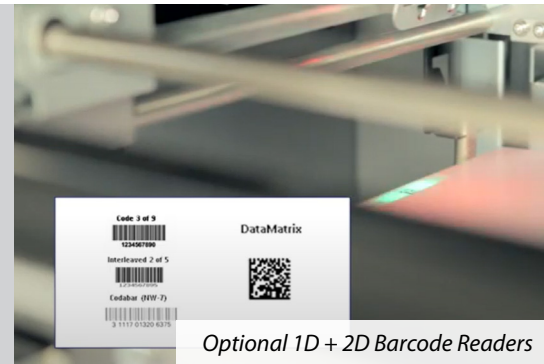
The 4-stitch kit option is available when productivity is priority. The bookletmaker automatically positions the stitch then adjusts the fold roller gap and trimmer transport belts according to the thickness of the booklet. Booklets are trimmed at the fore-edge for a clean finish.



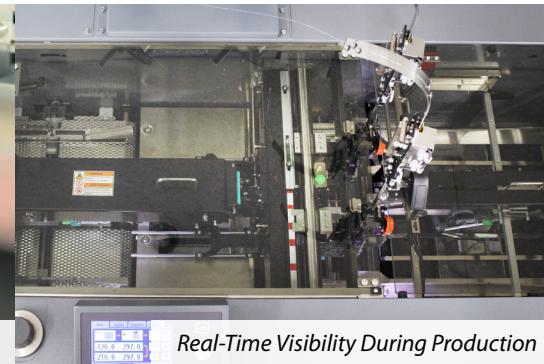
DSF-6000 Sheet Feeder



700i Pro Digital Booklet System with Square Spine and Cover Feeder options



Optional 1D + 2D Barcode Readers



Real-Time Visibility During Production



2-Up Finishing

## APPLICATIONS



Letter Landscape



50-Sheet Booklets



Booklets with Raised UV Covers



Small Booklets

## FULL-BLEED TRIMMING OPTIONS

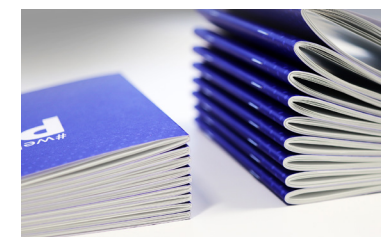
The DKTS-200 Two Knife Trimmer provides head and foot trimming for full-bleed finished booklets. An optional gutter cutter can be added for 2-up finishing capabilities. The gutter cutter along with the 4-stitch capability double the productivity of small format jobs up to 9,600 booklets per hour.

The DBM-HSC High Speed Creaser offers an optional slitting module to deliver full-bleed finished booklets. Creasing the cover and innermost sheets prior to folding prevents toner cracking. The slitter trims the head and foot to eliminate the task of pre-cutting the sheets on a guillotine.

\*Configuration with the DBM-HSC will be available Q1 2024.

## SQUARE BACK OPTION

The DBM-700S adds a square spine finish to deliver thicker, flatter books. Square spine booklets lay flat and make packing more efficient, saving you money. Enhance the appearance and produce value-added booklets up to 50 sheets/200-page booklets with a perfect bound look in-line with the DBM-700S Square Spine, the fastest in the market.



Scan to watch the video

- Sheet feeding and bookletmaking for high productions
- Performs saddle and side/corner stitching
- Produces saddle-stitched booklets up to 30 sheets with or without square spine and up to 50 sheets with square spine
- Creates 4-stitch booklets using 2 stitch heads
- Duplo+ Insight with 1-year subscription included