

## SPECIFICATIONS

### 350 Booklet System

Maximum Number of Bins	40 (Four DSC-10/60 towers)
Bin Capacity	2.56"/65 mm
Paper Weight	Fine quality 64 - 157 gsm, cover 52 - 300 gsm Art coated 104.7 - 157 gsm, cover 79 - 300 gsm
Paper Size (W x L)	
Saddle Stitch & Fold	5.82" x 8.27" to 12.60" x 18.11" (148 mm x 210 mm to 320 mm x 460 mm)
Small Booklet Kit (Option)	4.13" x 9.45" to 5.83" x 16.93" (105 mm x 240 mm to 148 mm x 430 mm)
Corner/Side Stitch (Option)	10.12" x 7.17" to 11.69" x 8.5" <sup>1</sup> (257 mm x 182 mm to 297 mm x 216 mm)
Corner/Side & Fold (Option)	10.12" x 8.27" to 11.69" x 8.5" <sup>1</sup> (257 mm x 210 mm to 297 mm x 216 mm)
Number of Sheets	Up to 20 sheets of 81.4 gsm (0.08"/2.1 mm thick or less)
Number of Stitch Heads	2 (DeLuxe) <sup>1</sup>
Trim Capacity	Up to 0.16"/4 mm <sup>2</sup>
Fore Edge Trim	0.04" to 0.79"/1 mm to 20 mm
Finished Booklet Size (Saddle Stitch)	No Trim: 5.82" x 4.13" to 12.6" x 9.06" (148 mm x 105 mm to 320 mm x 230 mm) With Min. Trim (0.04"): 5.82" x 4.10" to 12.6" x 9.02" (148 mm x 104 mm to 320 mm x 229 mm) With Max. Trim (0.79"): 5.82" x 3.35" to 12.6" x 8.27" (148 mm x 85 mm to 320 mm x 210 mm)
Finished Booklet Size (Small Booklet Kit Option)	No Trim: 4.13" x 4.72" to 5.83" x 8.46" With Min. Trim (0.04"): 4.13" x 4.69" to 5.83" x 8.43" (105 mm x 120 mm to 148 mm x 214 mm) With Max. Trim (0.79"): 4.13" x 3.94" to 5.83" x 7.68" (105 mm x 101 mm to 148 mm x 195 mm)
Processing Speed	Up to 3,000 sets per hour (10 sheets or less A5) <sup>3</sup>

### DBM-400STR High Pile Stacker (Optional)

Paper Size (W x L)	8.27" x 5.47" to 13.77" x 19.68" (210 mm x 139 mm - 350 mm x 500 mm)
Maximum Stacking Capacity	16.93" (430 mm)
Stacking Modes	Straight and offset
Processing Speed	Straight stacking: 4,500 sets per hour - up to 9,000 sets per hour Offset stacking: up to 3,600 sets per hour

### DCR-ST Cross Stacker (Optional) <sup>4</sup>

Paper Size (W x L)	8.27" x 5.83" to 12.8" x 17.72" (210 mm x 148 mm to 325 mm x 450 mm)
Maximum Stacking Capacity	7.87" (200 mm)
Stacking Modes	Straight and cross
Processing Speed	Up to 4,000 sets per hour

### DSS-350 Square Spine (Optional)

Speed	Up to 2,600 booklets per hour
Booklet Size	Max. 12.60" x 9.05" (320 mm x 230 mm) Min. 4.13" x 3.35" (105 mm x 85 mm)
Paper Quality	Fine Quality Paper: 64 - 127.9 gsm Art/Coated Paper: 104.7 - 127.9 gsm Cover: Up to 300 gsm
Booklet Thickness	Within 0.17"/4.2 mm (maximum 1 cover/210 gsm + 19 sheets/81.4 gsm)
Dimensions (LxWxH)	25" x 26" x 32" (626 mm x 662 mm x 817 mm)

<sup>1</sup> Stitch Heads can be upgraded to Hohner 43/65

<sup>2</sup> Equivalent to 20 sheets 81.4 gsm

<sup>3</sup> Subject to paper size, number of sheets and downstream devices

<sup>4</sup> Requires DCR-BP Bypass Bridge when connecting to the DBM-350

Features	DSC-10/60 Collator	DBM-350/350T Bookletmaker & Trimmer
Control Panel	LCD color touchscreen	Push button with LCD Programmable memory for 20 jobs
Detections	Double and misfeed, paper jam	Paper jam
Other	Air Management System (AMS), interleaf mode 1 and 2, alternate cover mode, block modes (1/2 & 1/4, left/right ejection direction, hand-marry (LUL-HM), reject function (LUL-HM)	Fully automatic functions: stitch head position, back jogger, side guide/joggers, stitch stop position, fold stop position, fold roller gap, trim stop position
Options	Two to four DSC-10/60 towers (requires DSC-10/60D Bridge), DBM-400STR Right Exit Deep Pile Stacker (requires LUR Lift Unit Right), Ultrasonic Sensor Kit for DSC-10/60 (one kit supports two bins, up to 5 kits per tower), DSC-10/60ENVLP Envelope Kit	Small booklet, side/corner stitch, 6-page insert kits

	D-Port Converter	Power Requirements	Dimensions	Net Weight
DSC-10/60 Collator	N/A	120V 60Hz 7.9-8.4A 910 - 960W	34" x 33" x 78" (864 mm x 838 mm x 1981 mm)	674 lb/306 kg
DBM-350 Bookletmaker	Required	100 - 240V 50/60Hz 3.5 to 1.5A	72" x 26" x 41" (1829 mm x 660 mm x 1041 mm)	463 lb/210 kg
DBM-350T Trimmer	Required	Supplied by DBM-350	85" x 26" x 41" (2159 mm x 660 mm x 1041 mm)	108 lb/49 kg
DSS-350 Square Spine	Required	100 - 240V 50/60Hz 1.8 to 0.8 A	25" x 26" x 32" (635 mm x 660 mm x 813 mm)	311 lb/141 kg
DBM-400STR Deep Pile Stacker	Required	120V 60Hz 2.2A	29.5" x 36" x 35" (749 mm x 914 mm x 889 mm)	375 lb/170 kg
DCR-ST Cross Stacker	Required	120V	28" x 27" x 25" (711 mm x 686 mm x 635 mm)	115 lb/52 kg

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.

# Duplo

## 350 Booklet System

Precision Bookletmaking for Mid-Volume Runs



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## 350 Booklet System

The 350 Booklet System is Duplo's mid-range solution, integrating the heavy-duty DSC-10/60 Suction Collator with the DBM-350 Bookletmaker. Increase productivity by eliminating inefficient job set ups. Ideal for medium job lengths, the 350 Booklet System produces a wide range of offset and digitally printed applications, from catalogs and newsletters to manuals and collated work, at a maximum speed of 3,000 booklets per hour.



### AUTOMATED SETTINGS AND CHANGEOVERS

Get jobs out the door much quicker by eliminating manual set ups. Using the LCD control panel on the DBM-350 Bookletmaker, you can quickly program jobs and make fine-tune adjustments. Simply select or enter a custom paper size and the bookletmaker will automatically set the stitch, fold, and trim setting.

Use the built-in memory to save up to 20 of your most common jobs and retrieve them as needed. Changeovers from one size to another are performed automatically within minutes and without any manual intervention or tooling required.



DBM-350 Control Panel



### THE COLLATOR ADVANTAGE

With the ability to process output from multiple presses and finish booklets at faster speeds than in-line systems, off-line collating provides the flexibility to do more.

The DSC-10/60 incorporates Duplo's signature air suction belt feeder and air management system, making it one of the most reliable collators in the industry. Each of its 10 bins comes built-in with fine adjustments and patented dual fan technology that generates a steady flow of air for separation and feeding. The collator detects which bins are loaded.

High resolution sensors are located in each bin to detect any misfeeds and double feeds. The preset function automatically calibrates the sensors to allow the feeding of different paper types and weighs. Any faulty sets are diverted into a reject tray and can be re-inserted into the hand-marry station. When a bin empties, the collator can switch to the next programmed tower for non-stop productivity.



### PRECISION BOOKLETMAKING

Automating the bookletmaking process means less make-ready and more productivity. The DBM-350/T integrates the stitcher, folder, and face trimmer into one efficient system – eliminating the task of setting and folding signatures separately.

As each set is collated and jogged into alignment, the push belt transport system guides it through the stitching section and only moves when the booklet is ready to prevent any static build-up. Equipped with two heavy-duty DeLuxe stitch heads, the bookletmaker automatically positions the stitch and adjusts the fold roller gap according to the thickness of the spine. Booklets are trimmed at the fore-edge for a clean finish and waste is deposited into an external bin for easy removal.

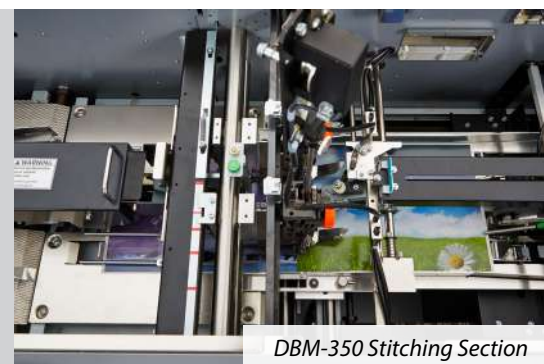
Collated sets can also be manually fed directly into the bookletmaker. Customize the system with a number of cost-effective options including small booklet, side/corner stitch, and 6-page insert kits to meet your application needs.



Air Suction Collator



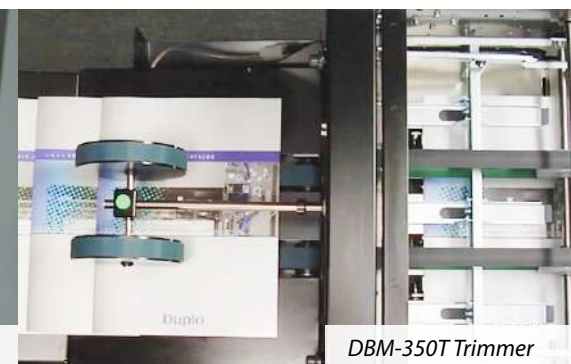
350 Booklet System



DBM-350 Stitching Section



External Waste Bin



DBM-350T Trimmer

### APPLICATIONS



Catalogs and Corporate Reports



CD-Size Collateral



Half Letter-Size Brochures



Booklets with Raised UV Covers



### SQUARE BACK BINDING

It's the finishing touch in professional bookletmaking. Squared back booklets lay flat, keep pages secured, and make packing and shipping more efficient. Create value-added booklets with a perfect bound look using the DSS-350 Square Spine module. It can be configured in-line with the 350 Booklet System or used as a stand-alone unit.



DSS-350 Square Spine Module



### STACKING OPTIONS

Add the DCR-ST Cross Stacker or DBM-400STR Deep Pile Stacker for collating jobs. Connected between the collator and bookletmaker, the DCR-ST can cross or straight stack up to 4,000 sets per hour. The receiving tray rotates 90 degrees at each set interval and a bypass bridge redirects the sheets to the bookletmaker when not in use.

The DBM-400STR offers a high capacity option for straight and offset stacking. Placed at the right side of the collator, it can process up to 9,800 sets per hour.



DBM-400STR Deep Pile Stacker



DCR-ST Cross Stacker



Scan to watch the video

- Flat sheet collating and bookletmaking solution for mid-size production
- Connect up to four towers for a total of 40 bins
- Produces booklets with saddle or corner/ side stitching up to 20 sheets
- Automatically goes from a letter-size booklet to a CD size in minutes
- Modular design allows you to upgrade any module as your business grows