

# DSC-10/20 Suction Collator

## SPECIFICATIONS

### DSC-10/20 COLLATOR

Number of Bins	10 bins per tower
Number of Connectable Towers	Up to 2
Paper Loading Height	Up to 1.38" (400 sheets of fine quality paper 64 gsm)
Paper Size	4.75" x 8.27" - 13" x 18.11"
Paper Weight	52.3 - 300 gsm (based on 157 gsm inner sheets + 300 gsm cover)
Processing Speed	Up to 7,200 sets/hour (differs according to the downstream unit)
Other Features	Preset/Alternate Mode/Block Mode (1/2, 1/4)/Interleaf Insert Mode/paper eject direction (left or right)/paper reject/Waiting Mode/manual paper feed (when using LUL-HM, up to 10 sheets)/reject function (when using LUL-HM)
Dimensions (LxWxH)	DSC-10/20 + LUL-HM: 53" x 31" x 68"
Power Requirements	AC 120 V 60 Hz 8.1A
Weight	502 lb.

### BOOKLETMAKERS

Paper Size: Saddle Stitch & Fold
Paper Size: Side/Corner Stitch
Paper Size: Side Stitch
Paper Size: Corner Stitch
Paper Type
Paper Capacity (Stitch & Fold)

### DBM-150

4.72" x 8.27" - 12.6" x 18.11"
N/A
7.09" x 7.88" - 9.09" x 12.6"
LTR LEF/ 8.5 x 11 LEF
Bond, NCR, coated
Fine Quality Paper: 2 - 25 Sheets 64 - 127.9 gsm/17 - 33 lb (1 - 25 Sheets when performing fold only)
Art/Coated Paper: 2 - 20 Sheets 104.7 - 127.9 gsm/28 - 33 lb (1 - 20 Sheets when performing fold only)
Cover: Fine quality, Art/ Coated 300 gsm (79 lb) or less
Up to 2,400 sets/hour* (10 Sheets or less, fine quality paper 81.4 g/m <sup>2</sup> , Saddle Staple and Fold, A5 finished booklets)
2 (Isaberg Rapid staple heads)
16
120 to 240V 50/60Hz
40" x 22" x 28"
187.2 lbs.
Sheet By Sheet Kit for DSF-2200 configuration

### DBM-350

5.82" x 8.27" - 12.6" x 18.11"
10.12" x 7.17" - 11.69" x 8.5"
N/A
N/A
Bond, NCR, coated
19 sheets + cover, 81 gsm/300 gsm cover
Up to 3,000 sets/hour*
1 - 2 (Deluxe heads)
20
120 V 1.5A - 220 V 1.5A 50/60 Hz
49" x 22" x 41"
464 lbs.
Corner/Side Stitching Kit; Small Booklet Kit; 6-page Insert Kit

### DBM-500 Pro

4.72" x 6.7" - 14" x 20"
4.72" x 5.52" - 13.82" x 14.41"
N/A
N/A
Bond, NCR, coated
25 sheets 20 lb. bond/81 gsm
Up to 5,000 sets/hour*
1 - 4 (Hohner heads)
12
120V 60Hz 6.5A
64" x 28" x 40"
908 lbs.
4 Stitcher Head Kit; Calendar Kit; 105 mm Small Book Kit

### TRIMMERS

Booklet Size
Trimmed Booklet Size
Trimming Margin
Power Requirements
Dimensions (LxWxH)
Weight

### DBM-150T

4.14" x 4.27" - 9.06" x 12.6"
3.35" x 4.27" - 8.27" x 12.6"
0.04" - 0.79" (1 - 20 mm)**
Supplied by DBM-150
56" x 22" x 28"
107.9 lbs.

### DBM-350T

5.82" x 4.13" - 12.6" x 9.06"
5.82" x 3.35" - 12.6" x 9.06"
Up to 0.79***
Supplied by DBM-350
14" x 22" x 33"
155 lbs.

### DBM-500T

4.72" x 3.35" - 14" x 10"
4.72" x 3" - 14" x 10"
Up to 1"***
120V 60Hz 1.0 A
25" x 28" x 43"
532 lbs.

\* Dependent upon connected devices and number of bins in use  
 \*\* Dependent upon paper weight and size

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

# Duplo

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# Duplo

from print to documents

# DSC-10/20

## Suction Collator

- 150C Booklet System
- 350C Booklet System
- 500C Booklet System



# The Versatile, Heavy-duty Suction Collating Solution

Duplo introduces the DSC-10/20 Collator, the affordable and heavy-duty suction collating solution designed for both offset and digitally-printed applications. Utilizing Duplo's own patented feed system, this 10-bin collator handles a wide range of paper, from bond to coated stock, as well as offset and digital output. Compact in size and loaded with several productivity-enhancing features, the DSC-10/20 Collator offers the ideal combination of performance and price unmatched in the industry.

## High Productivity

The floor model DSC-10/20 Collator can feed up to 7,200 sets per hour and rivals many of the larger collators in the market. The DSC-10/20 offers an abundance of value-added features such as Block Mode for loading while running, Alternate Mode for increasing the load capacity for cover stocks, Interleaf Modes 1 and 2 for stacking jobs, Hand Marry for adding sheets manually, and Manual Feeding for set proofing and recovery. These high-end features combine to maximize productivity and efficiency. Utilizing a color touchscreen control panel with simple intuitive icons, the DSC-10/20 enables users to produce high quality output with minimal training.

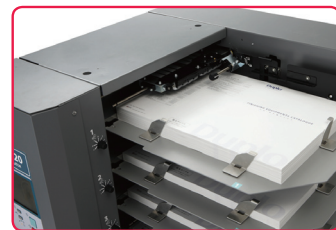


## The Collator Advantage

With a variety of finishing solutions available today, off-line collating continues to maintain significant advantages over in-line and near-line systems. Jobs processed on a collating and bookletmaking system are finished at much faster speeds and output from multiple printers can be accepted and finished with equal ease. Should the printer break down, an off-line finishing operation will continue to run without interruption unlike with an in-line system where the entire production line would be halted. With the ability to accept both offset and un-collated digital documents, the DSC-10/20 provides the perfect choice for flexibility and high volume productivity.

## Versatility

Utilizing Duplo's proven suction feed system, the DSC-10/20 allows for gentle handling of a wide range of applications not possible with friction feed collators. Each bin comes equipped with two adjustable fans for consistent and accurate



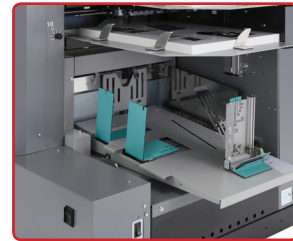
feeding, while a large pickup area of the belt suction feeding system ensures that even slick coated, curled, and high static digital prints are fed consistently. The DSC-10/20 feeds a variety of different size sheets from 13" x 18.11" applications to CD-size booklets.

## Convenient Upgrade Path

With its small footprint and modular design, the DSC-10/20 is a smart choice for businesses anticipating future growth. The DSC-10/20 can be configured to any Duplo bookletmaker including the entry level DBM-150, the mid-range DBM-350, and the high-end DBM-500 Pro and up to two collator towers can be connected. As your business grows and the need for upgrading arises, the DSC-10/20 provides a scalable solution to meet your production requirements.

For collating and stacking, users can choose from two optional stackers:

- DSC-10/20 Stacker** – Neatly integrated into the collator, the DSC-10/20 Stacker is ideal for those that need both bookletmaking and stacking capabilities. The stacker can straight or offset stack up to 3.94" and can be added to any system configuration.
- DCR-ST Cross Stacker** – The DCR-ST can cross or straight stack up to 7.87". It connects between the collator and the bookletmaker. When the stacker is not being used, a bypass bridge redirects the paper to the bookletmaker for bookletmaking without having to remove any devices.



DCR-ST Cross Stacker

DSC-10/20 Collator

## 350C Booklet System

Creating a perfect combination for productivity, value, and durability, the fully automated 350C Booklet System integrates two DSC-10/20 Suction Collators with the mid-range DBM-350/T Bookletmaker and Trimmer. The 350C Booklet System can be set up in under five minutes and can produce professionally-finished booklets at up to 3,000 booklets per hour.

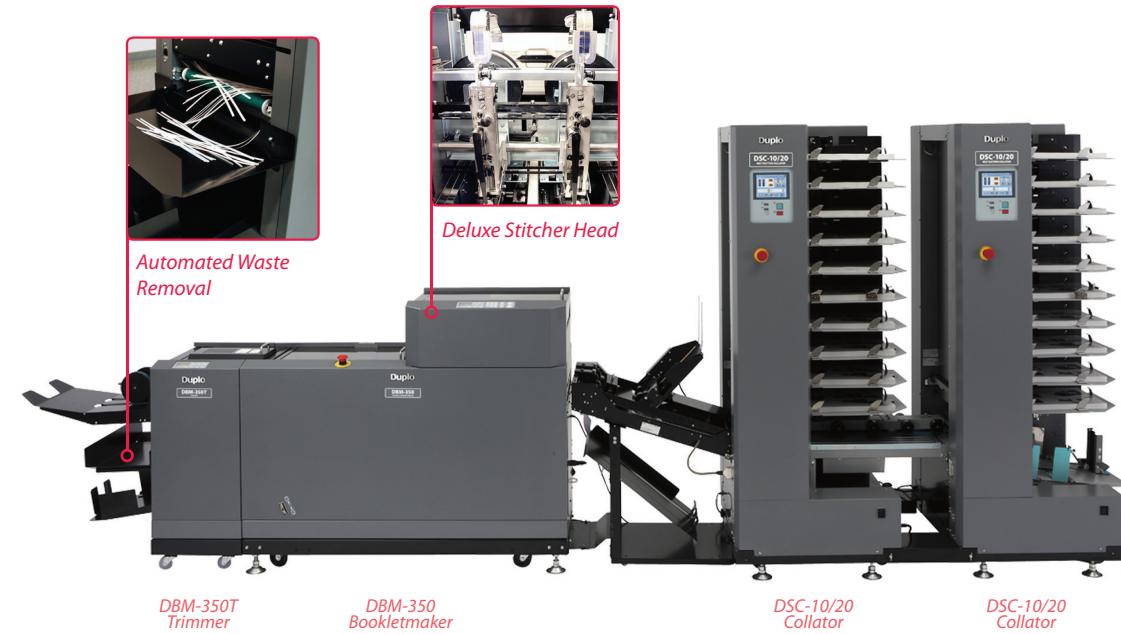
Booklets are smoothly guided through the DBM-350 Bookletmaker's stitching section by the push belt system, which only activates when the book is ready to move, thus eliminating static and marks. The DBM-350 utilizes heavy-duty Deluxe 26D Stitcher Heads for durable, quality stitching and features a programmable spine compressor to flatten the spine for a lay-flat finish. Fine adjustments for the entire process are simple

to perform and can be saved to one of its 20 job memories. Trim waste is also automatically collected in an external bin for easy removal while the system is running, ensuring continuous productivity.

Affordable in price, the 350C Booklet System is a powerhouse system capable of producing a wide range of applications from reports, manuals, and much more.



**DSS-350 SQUARE SPINE MODULE\***  
Add this option to produce flatter booklets with a square spine finish.  
\* Not available for the 150C Booklet System



DBM-350T Trimmer

DBM-350 Bookletmaker

DSC-10/20 Collator

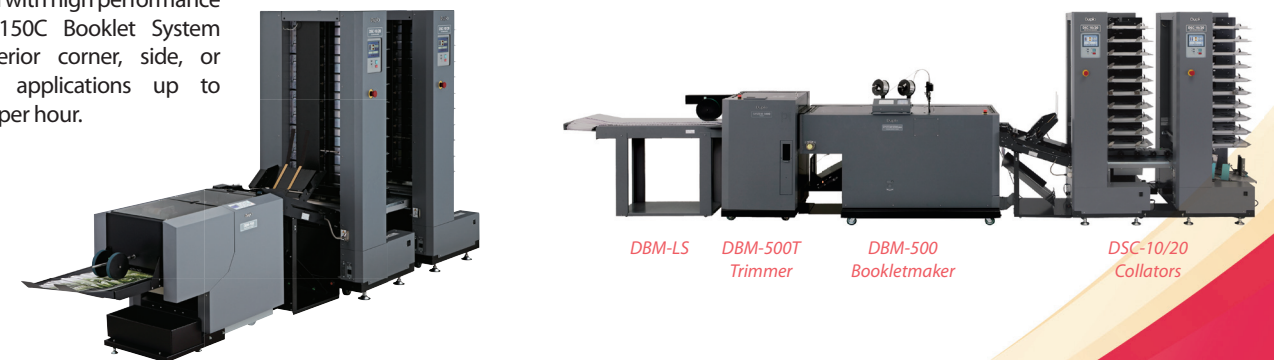
DSC-10/20 Collator

## 150C Booklet System

The 150C Booklet System integrates the DBM-150 Bookletmaker with up to two DSC-10/20 Collators. Equipped with the Isaberg Rapid stapler and staple cartridge, the DBM-150 Bookletmaker produces a high quality, flat staple every time. Each cartridge holds 5,000 staples and wear parts are replaced each time the cartridge is changed out, providing a high level of reliability. Up to 16 jobs can be saved in memory for quick and easy changeovers. Compact in size and built-in with high performance features, the 150C Booklet System produces superior corner, side, or saddle-stapled applications up to 2,400 booklets per hour.

## 500C Booklet System

Printers with higher production requirements will find the 500C Booklet System the ideal solution. Incorporating up to two DSC-10/20 Collators with Duplo's high-end DBM-500 Pro Bookletmaker, this system produces up to 5,000 booklets per hour. Jobs can be saddle, side, or corner stitched and the automatic setup feature allows users to go from 14" x 20" to CD-size book jobs without any manual adjustments.



DBM-LS

DBM-500T Trimmer

DBM-500 Bookletmaker

DSC-10/20 Collators

DBM-150T Trimmer + DBM-150 Bookletmaker + DSC-10/20 Collators