

# 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	5.82" x 8.27" - 12.6" x 18.11"
Paper Size: Side/Corner Stitch	10.12" x 7.17" - 11.69" x 8.5"
Paper Size: Side Stitch	N/A
Paper Size: Corner Stitch	N/A
Paper Type	Bond, NCR, coated
Paper Capacity (Stitch & Fold)	19 sheets + cover, 81 gsm/300 gsm cover
Speed	Up to 3,000 sets/hour*
Number of Stitching/Stapling Heads	1 - 2 (Deluxe heads)
Programmable Memory	20
Power Requirements	120 V 1.5A - 220 V 1.5A 50/60 Hz
Dimensions (LxWxH)	49" x 22" x 41"
Weight	464 lbs.
Options	Corner/Side Stitching Kit; Small Booklet Kit; 6-page Insert Kit

### DBM-350

Paper Size: Saddle Stitch & Fold	5.82" x 8.27" - 12.6" x 18.11"
Paper Size: Side/Corner Stitch	10.12" x 7.17" - 11.69" x 8.5"
Paper Size: Side Stitch	N/A
Paper Size: Corner Stitch	N/A
Paper Type	Bond, NCR, coated
Paper Capacity (Stitch & Fold)	19 sheets + cover, 81 gsm/300 gsm cover
Speed	Up to 3,000 sets/hour*
Number of Stitching/Stapling Heads	1 - 2 (Deluxe heads)
Programmable Memory	20
Power Requirements	120 V 1.5A - 220 V 1.5A 50/60 Hz
Dimensions (LxWxH)	49" x 22" x 41"
Weight	464 lbs.
Options	Corner/Side Stitching Kit; Small Booklet Kit; 6-page Insert Kit

### DBM-120

Paper Size: Saddle Stitch & Fold	7.87" x 7.87" - 12.6" x 17.72"
Paper Size: Side/Corner Stitch	N/A
Paper Size: Side Stitch	5.46" x 7.87" - 9.09" x 12.6"
Paper Size: Corner Stitch	8.5" x 11"
Paper Type	Bond, NCR, coated
Paper Capacity (Stitch & Fold)	20 sheets, 20 lb. bond/81 gsm
Speed	Up to 2,400 sets/hour*
Number of Stitching/Stapling Heads	1 - 2
Programmable Memory	10 pre-set, 3 programmable
Power Requirements	120V 60Hz 2A
Dimensions (LxWxH)	28" x 22" x 23"
Weight	183 lbs.
Options	Small booklet kit: paper length 7.87" - 10.24", paper width 5.83" - 7.87"

### DBM-500

Paper Size: Saddle Stitch & Fold	4.72" x 6.7" - 14" x 20"
Paper Size: Side/Corner Stitch	4.72" x 5.52" - 13.82" x 14.41"
Paper Size: Side Stitch	N/A
Paper Size: Corner Stitch	N/A
Paper Type	Bond, NCR, coated
Paper Capacity (Stitch & Fold)	25 sheets 20 lb. bond/81 gsm
Speed	Up to 5,000 sets/hour*
Number of Stitching/Stapling Heads	1 - 4 (Hohner heads)
Programmable Memory	12
Power Requirements	120V 60Hz 6.5A
Dimensions (LxWxH)	64" x 28" x 40"
Weight	908 lbs.
Options	4 Stitcher Head Kit; Calendar Kit; 105 mm Small Book Kit

### TRIMMERS

Booklet Size	5.82" x 4.13" - 12.6" x 9.06"
Trimmed Booklet Size	5.82" x 3.35" - 12.6" x 9.06"
Speed	Up to 3,000 sets/hour
Trimming Margin	Up to 0.79***
Power Requirements	Supplied by DBM-350
Dimensions (LxWxH)	14" x 22" x 33"
Weight	155 lbs.

### DBM-350T

Booklet Size	5.82" x 4.13" - 12.6" x 9.06"
Trimmed Booklet Size	5.82" x 3.35" - 12.6" x 9.06"
Speed	Up to 3,000 sets/hour
Trimming Margin	Up to 0.79***
Power Requirements	Supplied by DBM-350
Dimensions (LxWxH)	14" x 22" x 33"
Weight	155 lbs.

### DBM-120T

Booklet Size	7.87" x 3.94" - 12.6" x 8.86"
Trimmed Booklet Size	7.87" x 3.35" - 12.6" x 8.86"
Speed	Up to 2,400 sets per hour*
Trimming Margin	Up to 0.79" (3 mm default cut)
Power Requirements	120V 60Hz 2.1A or 220 - 240V AC 1.5A
Dimensions (LxWxH)	15" x 22" x 23"
Weight	124 lbs.

### DBM-500T

Booklet Size	4.72" x 3.35" - 14" x 10"
Trimmed Booklet Size	4.72" x 3" - 14" x 10"
Speed	Up to 5,000 sets per hour*
Trimming Margin	Up to 1"***
Power Requirements	120V 60Hz 1.0 A
Dimensions (LxWxH)	25" x 28" x 43"
Weight	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

- 120C 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. Its block mode function allows continuous running without having to stop to reload, while the on-the-fly reject of improper sets eliminates needless interruptions. These high-end features combine to maximize productivity and efficiency. Utilizing a color touch screen control panel with simple intuitive icons, the DSC-10/20 enables users to produce high quality output with minimal training.

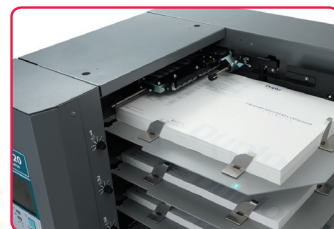


## The Collator Advantage

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 uncollated 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



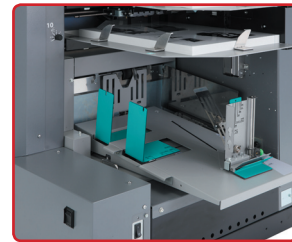
ensures that even slick coated, curled, and high static digital prints are fed consistently. The DSC-10/20 feeds a variety of different size sheets from 13" x 18.11" applications to CD-size booklets.

## 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-120 Bookletmaker, the mid-range DBM-350 Bookletmaker, and the high-end DBM-500 Bookletmaker 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** – Suitable for higher volume stacking jobs, the DCR-ST can cross or straight stack up to 7.87". The DCR-ST cannot be configured with a bookletmaker and can only be used for collating and stacking applications.



## 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.

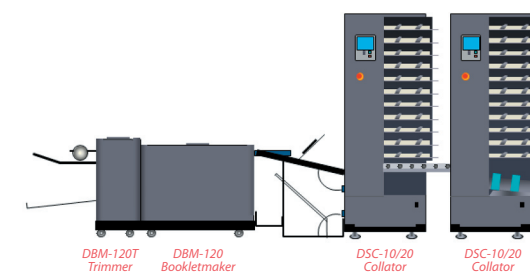
Booklets are smoothly guided through the DBM-350 Bookletmaker's stitching section by the push belt system, which only activates when the book is ready to move, thus eliminating static and marks. The DBM-350 utilizes heavy-duty Deluxe 26D Stitcher Heads for durable, quality stitching and features a programmable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



## 120C Booklet System

The 120C Booklet System integrates up to two DSC-10/20 Collators with the DBM-120/T Bookletmaker and Trimmer forming Duplo's most compact suction-feed collating and bookletmaking system. The 120C Booklet System produces up to 2,400 books an hour, making it ideal for printers with lower production requirements, limited space, and those wanting to take the next step up from friction feed collating.



## 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/T Bookletmaker and Trimmer, 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.

