DFC-80 · DFC-120

specifications

DFC-80 Collator

Number of Bins	8
Paper Size (Min./Max.)	5" x 8" to 11.69" x 17"
Feed Bin Capacity	0.79"
Receive Bin Capacity	2.56" to 3.07"
Speed	Up to 70 sets per minute or 4,200 straight stacking sets per hour
Programming	Alternating Program (link 2 bins), Interleave Program (slip sheet), Block Program
Paper Feed Bin Detections	Misfeed, double-feed, paper jam
Error Detections	Paper feed error, conveyance cover open/close, paper receive bin full, bin empty, misfeed, double-feed, paper jam, downstream processing device error, number of interleaves error
Power Consumption	95W 1.0-0.5A (100-240V, 50/60Hz)
Dimensions (LxWxH)	21.5" x 25.5" x 33"
Weight	148 lbs.
Other Features	LCD control panel displays current operating status; 4-digit ascending/descending counter; quickly and easily feed wide range of stocks with tray tension and separator control; overlap function allows operator to vary sheet overlapping for more efficient running of the most difficult stocks; reset button sets up all detectors; programming mode allows operator to load stock while machine runs; straight/offset stacking; energy saving mode
Possible Configurations	• DFC-80 • DFC-80 + DFC-S

DBM-120 Bookletmaker

Paper Size (Min./Max.)	7.87" x 7.87" to 12.60" x 17.72"
Corner Stapling Paper Size	8.5" x 11"
Side Stapling Paper Size (Min./Max.)	5.47" x 7.87" to 9.09" x 12.60"
Paper Types	Bond, NCR, some coated and card stocks
Paper Weight	52.3 - 128 gsm
Speed	Up to 2,400* sets per hour (10 sheets of 8.5" x 11")
Paper Capacity	Up to 20* sheets of 20 lb.
Number of Staple Heads	2
Staple Head Positions	5
Pre-set Paper Sizes for Automatic Set-up	8.5" x 11", 8.5" x 14", 11" x 17"
Programmable Memory Settings	10 pre-set and 3 custom paper sizes
Stapler Capacity	5,000 staples
Power Consumption	120V 60Hz 2A
Dimensions (LxWxH)	28" x 22" x 23"
Weight	183 lbs.
Other Features	Low staple indicator; moving clincher stapling mechanism; paper jam detector; side/back jog; adjustable roller pressure & detachable conveyor; automatic size changeover for stapling/folding; 2-way interface for Duplo collators
Options	Small booklet kit: paper length 7.87" to 10.24", paper width 5.83" to 7.87"

DFC-120 Collator

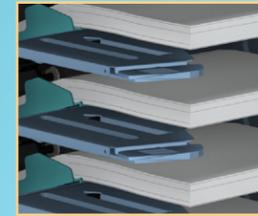|	
Number of Bins	12 or 24 in tandem with tower DFC-120B
Paper Size (Min./Max.)	5.83" x 8.27" to 12.60" x 17.72"
Feed Bin Capacity	1.10"
Receive Bin Capacity	2.56" to 3.07"
Speed	Up to 70 sets per minute or 4,200 straight stacking sets per hour
Programming	Alternating Program (link 2 bins), Interleave Program (slip sheet), Block Program
Paper Feed Bin Detections	Misfeed, double-feed, paper jam
Error Detections	Paper feed error, conveyance cover open/close, paper receive bin full, bin empty, misfeed, double-feed, paper jam, downstream processing device error, number of interleaves error
Power Consumption	140W 1.5-0.6A (100-240V, 50/60Hz) DFC-120B: 95W 1.0-0.5A(100-240V, 50/60Hz)
Dimensions (LxWxH)	24" x 25.5" x 45"
Weight	194 lbs. (DFC-120B: 201 lbs.)
Other Features	LCD control panel displays current operating status; 4-digit ascending/descending counter; quickly and easily feed wide range of stocks with tray tension and separator control; overlap function allows operator to vary sheet overlapping for more efficient running of the most difficult stocks; reset button sets up all detectors; programming mode allows operator to load stock while machine runs; straight/offset stacking; energy saving mode
Possible Configurations	• DFC-120 • DFC-120 + DFC-S • DFC-120 + DBM-120B + DFC-S • DFC-120 + DBM-120 • DFC-120 + DFC-120B + DBM-120 • DFC-120 + DBM-120 + DBM-120T • DFC-120 + DFC-120B + DBM-120 + DBM-120T

DBM-120T Trimmer

Min./Max. Booklet Size (before trim)	3.94" x 7.87" to 8.86" x 12.60"
Paper Capacity	Up to 20* folded sheets of 20 lb.
Speed	Up to 2,400* sets per hour
Pre-set Paper Size	8.5" x 11", 8.5" x 14", 11" x 17"
Trim Margin	Up to 0.79" (3 mm default cut)
Power Consumption	120V 60Hz 2.1A or 220 - 240V AC 1.5A
Dimensions (LxWxH)	15" x 22" x 23" (37" x 22" x 23" with conveyor)
Weight	124 lbs.
Other Features	Jam and exit stacker/conveyor full detectors; trim scrap box full sensor; interlocking safety covers and scrap box; trim on/off switch; bypass stacker for side/corner/ejected sets; fine tune adjustment for trim position; handle attachment for knife position to facilitate paper removal

DFC-S Corner and Side Stapler Unit

Paper Size (Min./Max.)	5.5" x 8.5" to 10.25" x 14.25"
Speed	25/35/40 sets/minute (selectable from the collator)
Operations	Corner, counter corner, and side stapling
Staple Capacity	2 - 24 sheets (52.3 - 81.4 gsm) 2 - 15 sheets (52.3 - 127.9 gsm)
Power Consumption	120V 60Hz 55W
Dimensions (LxWxH)	37.25" x 20" x 9.75"
Weight	64 lbs. (including paper tray, excluding punch unit)

* Dependent upon paper size and weight
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.

DFC-80
DFC-120
Desktop Collators

All the sophistication of a larger finishing system, but affordable in price

Duplo

Duplo

0712SL

DFC Collating & Booktmaking Systems

DFC-80 & DFC-120

- **Bi-directional feeding system allows jobs to run in two different output directions**
- **Modular style allows expansion from 12 to 24 bins on the DFC-120**
- **Setting the paper size on the DFC-120 automatically sets up DBM-120 Bookletmaker**
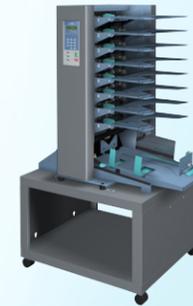- **Compact design saves space**

Duplo takes the roller-feed collator and finishing concept beyond the standard. The rugged and reliable DFC-80 Collator in-line with the DFC-S Stapler or the DFC-120 Collator in-line with the DBM-120 Bookletmaker offer commercial, in-plant, and quick printers as well as educational institutions a cost-effective solution to their collating and finishing needs.

DFC-120 Tandem + DBM-120 + DBM-120T

DFC-80

DFC-80 + DFC-S

DFC-120

DFC-120 Tandem

Versatile Modular Design

The space-saving, vertical design of the DFC-80 and DFC-120 is available in 8- or 12-bin configurations (24 bins with DFC-120 in tandem with DFC-120B) and can be expanded in-line with the DFC-S Corner and Side Stapler Unit. The DFC-120 Collator can also be expanded with the DBM-120 Bookletmaker and DBM-120T Trimmer, creating a powerhouse system that allows for simultaneous collating and bookletmaking.

Exceptional Paper Handling

The roller-fed system handles bond, NCR, and some coated and card stocks. Additional durable rollers provide reliable feeding while reducing misfeeds and paper jams. With the feeding tray and paper separator adjustments, the DFC-80 and DFC-120 Collators can run the widest variety of paper stocks in its class.

The DFC-80 Collator is compact in size and fits perfectly on a desktop.

DBM-120 Bookletmaker System

The automatic setting DBM-120 Bookletmaker and DBM-120T Trimmer offer speed, reliability, and compactness to help increase profits. It produces up to 2,400 professional booklets an hour – only a fraction of

Programmable for Greater Productivity

The unique programmability of the DFC-80 and DFC-120 offers the operator several options such as Alternating Program, Interleave Program, and Block Program to assure non-stop productivity up to 4,200 straight stacking sets per hour.

the time it takes to produce by hand. The optional DBM-120T Trimmer is designed to be used in-line with the DBM-120 Bookletmaker. This rugged trimmer precisely and consistently face trims booklets up to 80 pages.

DBM-120 Fully Integrated Communication

The fully integrated communication between the DFC-120 Collator and the DBM-120 Bookletmaker allows for full control of the entire system through the DFC-120 control panel. In addition, the Automatic Size Change (ASC) will communicate with the DFC-120 indicating the sheet size being fed and automatically perform the size changeover on the bookletmaker and trimmer. This in-line system includes sophisticated two-way electronic communication so the collator stops feeding if the bookletmaker is out of staples. The bookletmaker will not cycle when it is fed an incomplete set.

The DBM-120 is designed for simple set-up and foolproof operation. With the most common applications

pre-programmed, bookletmaking is accessed at the touch of a button. Ten pre-set paper sizes and three programmable memory settings allow for odd size paper versatility. No timely manual adjustments are necessary as the side guides, head stops, staple/fold position stoppers, and machine automatically move to the correct positions. The operator is able to change from one job to the next in mere seconds. Even the optional in-line face trimmer automatically adjusts itself for pre-programmed paper sizes!

Quality, Precision Bookletmaking

The DBM-120 can be used either as a stand-alone bookletmaker or in-line with a Duplo collator. The addition of the DFC-120 Collator can increase profits by providing a complete finishing system. The DBM-120 includes five staple head positions for maximum flexibility in automatic saddle, side, or corner stapling. The DBM-120's clinched-style staples have a unique flat underside for a stronger, tighter bind.

A Duplo collator and bookletmaker finishing system is simply the intelligent choice for all on-demand finishing needs.

DFC-120 Tandem + DFC-S

Duplo

digital • print • finishing