

# Duplo™ Duplo™

## Specifications

### Collators

<b>Collating Stations</b>	<b>DFC-100</b>	<b>DFC-120</b>
<b>Feed System</b>	10 (2 tower option for 20) 3 wheel friction feed	12 (2 tower option for 24) 3 wheel friction feed
<b>Capacity Per Station</b>	28 mm (260 mm sheets @ 80 gsm)	28 mm (260 mm sheets @ 80 gsm)
<b>Sheet Size Min</b>	140 x 160 mm	140 x 160 mm
<b>Sheet Size Max</b>	320 x 450 mm	320 x 450 mm
<b>Paper Weight</b>	52.3 - 127.9 gsm	52.3 - 127.9 gsm
<b>Speed (sets/hr)</b>	4200 sets / hour	4200 sets / hour
<b>Programmes</b>	Interleave insertion mode, block mode, alternate mode, normal mode	normal mode
<b>Counters</b>	Total / batch	Total / batch
<b>Detection Systems</b>		
Miss	Yes	Yes
Double – Feed	Yes	Yes
No Paper	Yes	Yes
Stacker Full	Yes	Yes

<b>Stacking Modes</b>	Straight, offset stack	Straight, offset stack
<b>Stacking Capacity</b>	78 mm	78 mm
<b>Dimensions (WxDxH)</b>	820 x 618 x 1000 mm	820 x 618 x 1144 mm
<b>Net Weight</b>	65 kg	74.2 kg

<b>Power Supply/Consumption</b>	<b>230V 50Hz 2A</b>	<b>230V 50Hz 2.8A</b>
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### Bookletmakers

<b>Set-Up Time</b>	<b>DBM-120 Dynamic Bookletmaker</b>	<b>DBM-120T Trimmer</b>
<b>Programmes</b>	Automatic size change in 14 seconds	Automatic size change in 14 seconds
<b>On-Line / Off-Line</b>	10 pre-set sizes, 3 custom sizes	10 pre-set sizes, 3 custom sizes
<b>Max Book Thickness (80 gsm)</b>	Yes / Yes	Yes / Yes
<b>Max Corner Stitch Thickness (80 gsm)</b>	80 page book (20 flat sheets)	80 page book (20 flat sheets)
<b>Staple Positions</b>	25 flat sheets	25 flat sheets
<b>Max Speed</b>	Saddle / side / corner / fold only	Saddle / side / corner / fold only
<b>Booklet Size (WxL)</b>	Up to 2,400 A5 books / hr	Up to 2,400 A5 books / hr
	Max (booklet) size: 320 x 225 mm	Max (untrimmed) 320 x 225 mm
	Min (booklet) size: 148 x 100 mm*	Min (untrimmed) 148 x 100 mm
	Max (sheet) size: 320 x 450 mm	Max (trimmed) 320 x 225 mm
	Min (sheet) size: 148 x 200 mm**	Min (trimmed) 148 x 80 mm*
<b>Side / Corner Stapling (LxW)</b>	Min 139 x 210 - Max 231 x 320 mm	
<b>Stitch / Staple Type</b>	Staple	
<b>Detection Systems</b>	Jam, misfeed, staple empty	Waste bin full
<b>Max Trim Cut</b>		20 mm
<b>Trim Adjustment</b>		0.4 mm increments
<b>Staple Capacity</b>	5000	
<b>Dimensions (WxDxH)</b>	1300 x 700 x 550 mm	537 x 550 x 576 mm
<b>Net Weight</b>	120 kg	83 kg
<b>Power Supply / Consumption</b>	230V 50Hz 1A	230V 50Hz 1.5A

\* with optional small booklet kit and DBM-120 trimmer min booklet size is 148 x 100 mm

\*\* with optional small booklet kit

## mini collating & bookletmaking system

hands-free collating and finishing



easy to operate  
bi-directional feed  
2400 booklets per hour  
4200 collated sets per hour

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E-DFC100120BR/AUG08

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Duplo™

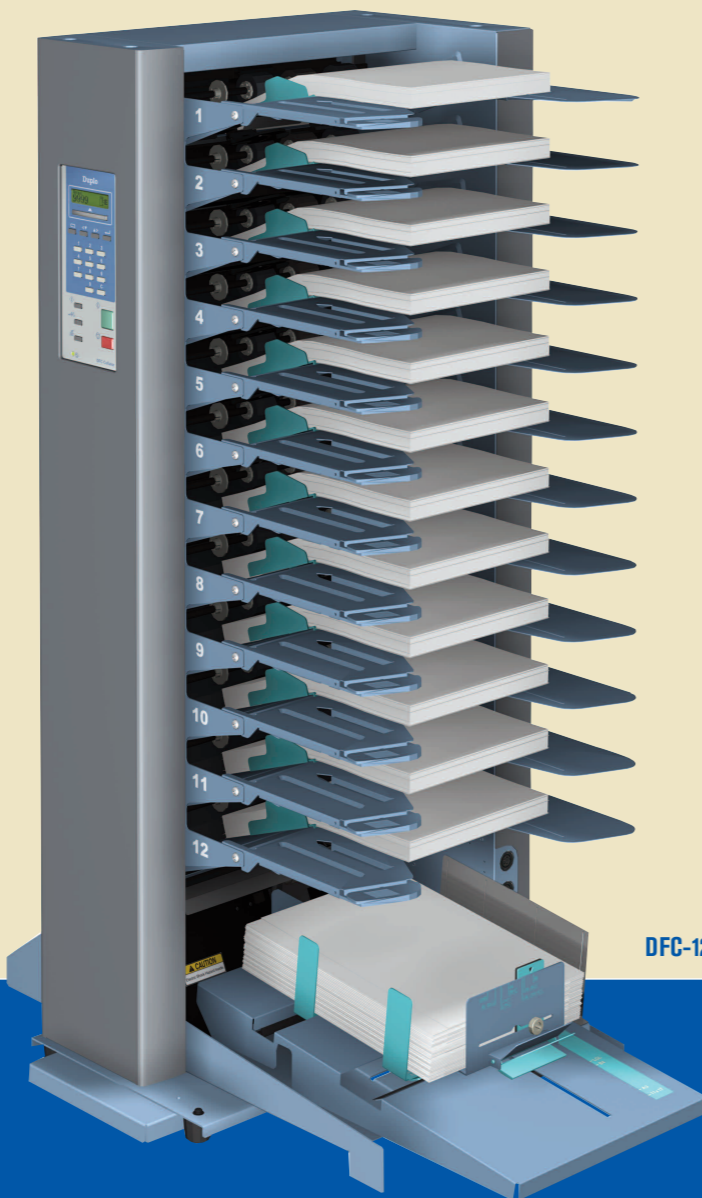
**mini collating & bookletmaking system**  
hands-free collating and finishing



The Duplo mini friction collating and bookletmaking system offers smaller print enterprises, in-plants, offices and CRDs a cost-effective solution to their finishing needs. Much of the functionality and dependability normally reserved for much larger finishing equipment is available as-standard in this high performance and space-efficient system.

**Duplo DFC-100 & DFC-120 collators**

The vertically arranged DFC-series collators are available in 10, 12, 20 or 24 station configurations with an output speed of up to 4,200 sets/hour. On-the-run loading and bi-directional feeding enables productivity to be maintained whilst simply collating or sending sets to the online bookletmaker.



DFC-120 friction collating tower

**Duplo DBM-120 bookletmaker & DBM-120T trimmer**

The DBM-120 can be either hand-fed or connected online to a Duplo collator creating a 2,400 booklet/hour finishing system. Flat lying staples and the optional DBM-120T edge trimmer result in a strong and professional booklet.



DBM-120T trimmer

DBM-120 bookletmaker

**programmable**  
The user-friendly control panel has several programmes including block mode for on-the-run loading and interleaving for separation of batched sets. The display has both a 'total' and 'remaining' counter to monitor the progress of the job.

**reliable paper handling**  
The 3 feed wheels ensure maximum contact with the paper for flawless and consistent delivery.

Bond, NCR, light card and even certain coated stocks can all be fed with separator pressure and tray pressure of each bin individually controllable.

Out-of-paper, double and paper jam detectors ensure the integrity of each set.

**straight or offset collating**  
The collating tray can be run in offset mode or straight collate mode depending on the requirements of the job. The machine automatically stops when the catch tray is full so can be left to run without continuous supervision.

**modular**  
Two DFC-100 or two DFC-120 towers can be connected together to produce a 20 or 24 station collating system. The interconnectivity of the whole Duplo range opens up the opportunity to start with an entry-level system and upgrade the collator(s) and bookletmaker at any time to improve productivity as the needs of the business change.

**quick automatic set-up**

Changing between booklet sizes takes just seconds. Simply select the required size, and the side guides adjust automatically. For smaller books, the staple positions can be brought closer together if required.



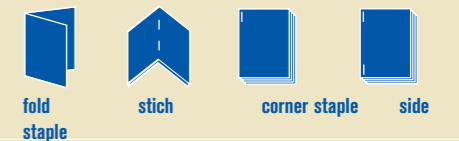
**hand feeding**

The DBM-120 can be used as a standalone bookletmaker and manually fed through the hand feeder. This is ideal for very short run or pre-collated jobs such as those from a digital printer.



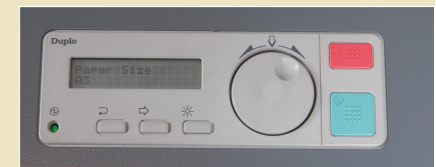
**four finishing modes**

The DBM-120 is capable of side stapling, corner stapling, folding and saddle stapling so just about any finishing requirement is possible with this versatile unit.



**toggle dial**

A simple toggle dial screen allows the operator to input and store up to 13 separate programs for quick recall later.



**optional fore-edge trimmer**

When producing thicker books it is often necessary to trim the fore-edge. The Duplo DBM-120T is an optional trimmer unit that will cut this edge as the book is ejected from the bookletmaker ensuring a highly presentable end product.

