

Duplo™

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## Specifications

### Collators

#### Collating Stations

#### Feed System

#### Capacity Per Station

#### Sheet Size Min

#### Sheet Size Max

#### Paper Weight

#### Speed (sets/hr)

#### Programmes

#### Counters

#### Detection Systems

Miss

Double – Feed

No Paper

Stacker Full

### DFC-100

10 (2 tower option for 20)

3 wheel friction feed

28 mm (260 mm sheets @ 80 gsm)

140 x 160 mm

320 x 450 mm

52.3 - 127.9 gsm

4200 sets / hour

Interleave insertion mode, block mode, alternate mode,

Total / batch

Yes

Yes

Yes

Yes

#### Stacking Modes

#### Stacking Capacity

#### Dimensions (WxDxH)

#### Net Weight

Straight, offset stack

78 mm

820 x 618 x 1000 mm

65 kg

#### Power Supply/Consumption

230V 50Hz 2A

### DFC-120

12 (2 tower option for 24)

3 wheel friction feed

28 mm (260 mm sheets @ 80 gsm)

140 x 160 mm

320 x 450 mm

52.3 - 127.9 gsm

4200 sets / hour

normal mode

Total / batch

Yes

Yes

Yes

Yes

Straight, offset stack

78 mm

820 x 618 x 1144 mm

74.2 kg

230V 50Hz 2.8A

### Bookletmakers

#### Set-Up Time

#### Programmes

#### On-Line / Off-Line

#### Max Book Thickness (80 gsm)

#### Max Corner Stitch Thickness (80 gsm)

#### Staple Positions

#### Max Speed

#### Booklet Size (WxL)

### DBM-120 Dynamic Bookletmaker

Automatic size change in 14 seconds

10 pre-set sizes, 3 custom sizes

Yes / Yes

80 page book (20 flat sheets)

25 flat sheets

Saddle / side / corner / fold only

Up to 2,400 A5 books / hr

Max (booklet) size: 320 x 225 mm

Min (booklet) size: 148 x 100 mm\*

Max (sheet) size: 320 x 450 mm

Min (sheet) size: 148 x 200 mm\*\*

Min 139 x 210 - Max 231 x 320 mm

Staple

Jam, misfeed, staple empty

#### Side / Corner Stapling (LxW)

#### Stitch / Staple Type

#### Detection Systems

#### Max Trim Cut

#### Trim Adjustment

#### Staple Capacity

#### Dimensions (WxDxH)

#### Net Weight

#### Power Supply / Consumption

5000

1300 x 700 x 550 mm

120 kg

230V 50Hz 1A

### DBM-120T Trimmer

Automatic size change in 14 seconds

Yes / Yes

80 page book (20 flat sheets)

Up to 2,400 A5 books / hr

Max (untrimmed) 320 x 225 mm

Min (untrimmed) 148 x 100 mm

Max (trimmed) 320 x 225 mm

Min (trimmed) 148 x 80 mm\*

Waste bin full

20 mm

0.4 mm increments

537 x 550 x 576 mm

83 kg

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



# 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.

**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.

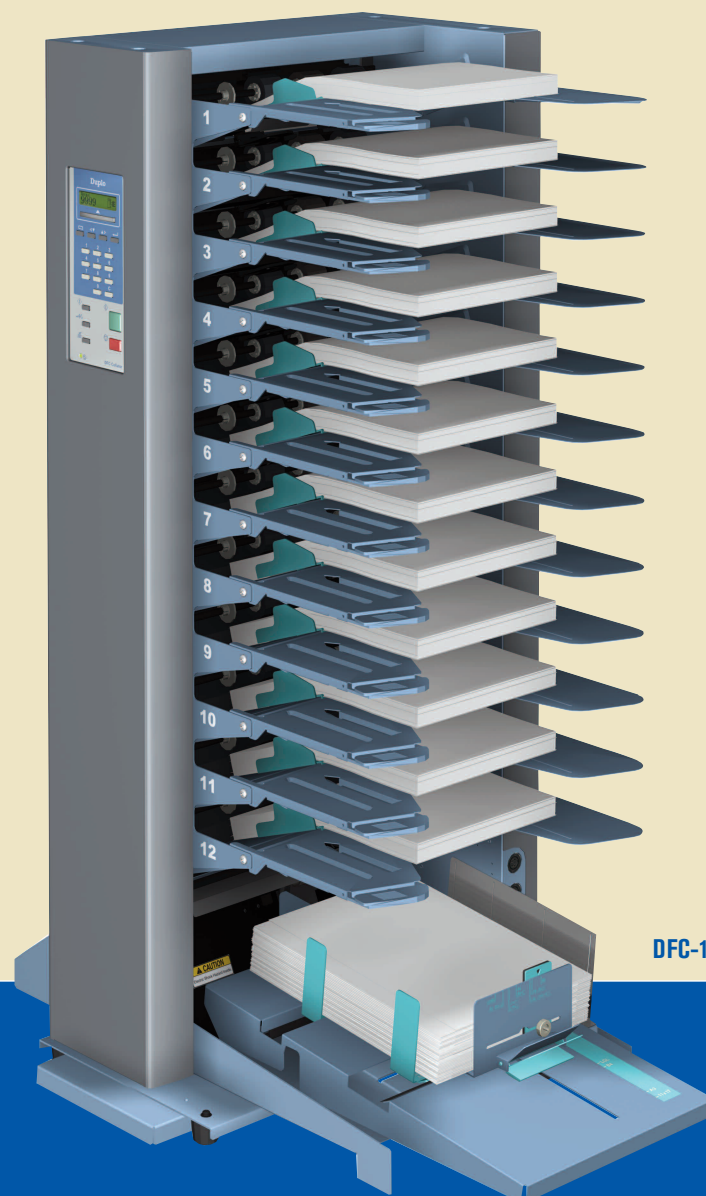
Out-of-paper, double and paper jam detectors ensure the integrity of each set.

**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.

### 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

#### 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.



fold staple



stitch



corner staple



side

#### 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.

no trim



with trim

