**Specifications**

**DSF-2000 Document Sheet Feeder**
- **Feed Method**: Vacuum belt suction system with elevating feed tray
- **Paper Size**: 6.69” to 19.69”
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- **Paper Size**: 6.69” to 19.69”
- **Feed Capacity Bin A (main/upper tray)**: 7.87” (2,000 sheets 20 lb. bond)
- **Feed Capacity Bin B (secondary/lower tray)**: 2.36” (600 sheets of 20 lb. bond)
- **Paper Weight**: 30 to 110 lb.
- **Paper Size**: 5.8” x 7.8” to 12.6” x 18”
- **Slit/Cut/Crease & By-pass Length**: 6.69” to 19.69”
- **Slit/Cut/Crease & By-pass Length**: 6.69” to 19.69”
- **Paper Type**: Fine quality paper, Art/coated paper
- **Slit/Cut/Crease**: Fine quality paper
- **By-pass**: Art/coated paper
- **Slit/Cut/Crease**: Art/coated paper
- **Paper Weight**: 24 to 40 lb.
- **Speed**: 25 sheets per minute
- **Speed**: 25 sheets per minute
- **By-pass**: Up to 60 sheets per minute (by-pass not in use)
- **Processing Speed**: 60 sheets per minute
- **Paper Detection**: Double-feed, misfeed, paper jam, bin empty, upper door open/closed, End of set Mark Recognition, Optical Mark Recognition (OMR)
- **Jam Detection**: Paper feed section, paper alignment section, paper outfeed section, by-pass section
- **Paper Position**: Front (from top and front edges) 0.16” to 1.06”
- **By-pass**: Fine quality paper
- **Conveyance Speed**: Paper infeed/outfeed
- **Conveyance Speed**: Paper infeed/outfeed
- **Finished Size**: 6.69” to 19.69”
- **Slit + Crease**: 60 sheets per minute
- **Cut + Crease**: 60 sheets per minute
- **Slit + Cut + Crease**: 60 sheets per minute
- **By-pass**: 60 sheets per minute
- **Conveyance Speed**: 60 sheets per minute
- **Power Requirements**: 120V AC 1.8A or 220 - 240V 0.9A
- **Dimensions (LxWxH)**: 44” x 30” x 40”
- **Weight**: 397 lbs.

**SCC Slitter/Cutter/Creaser**
- **Paper Size**: 6.69” to 19.69”
- **Paper Weight**: 30 to 110 lb.
- **Paper Type**: Fine quality paper, Art/coated paper
- **Slit/Cut/Crease**: Fine quality paper
- **By-pass**: Art/coated paper
- **Slit/Cut/Crease**: Art/coated paper
- **Paper Weight**: 24 to 40 lb.
- **Speed**: 25 sheets per minute
- **Speed**: 25 sheets per minute
- **By-pass**: Up to 60 sheets per minute (by-pass not in use)
- **Processing Speed**: 60 sheets per minute
- **Paper Detection**: Double-feed, misfeed, paper jam, bin empty, upper door open/closed, End of set Mark Recognition, Optical Mark Recognition (OMR)
- **Jam Detection**: Paper feed section, paper alignment section, paper outfeed section, by-pass section
- **Paper Position**: Front (from top and front edges) 0.16” to 1.06”
- **By-pass**: Fine quality paper
- **Conveyance Speed**: Paper infeed/outfeed
- **Conveyance Speed**: Paper infeed/outfeed
- **Finished Size**: 6.69” to 19.69”
- **Slit + Crease**: 60 sheets per minute
- **Cut + Crease**: 60 sheets per minute
- **Slit + Cut + Crease**: 60 sheets per minute
- **By-pass**: 60 sheets per minute
- **Conveyance Speed**: 60 sheets per minute
- **Power Requirements**: 120V AC 1.8A or 220 - 240V 0.9A
- **Dimensions (LxWxH)**: 44” x 30” x 40”
- **Weight**: 397 lbs.

**Bookletmakers**
- **DBM-120SxS**
  - **Sheet Size (Min./Max.)**: 8.27” x 5.75” to 12.60” x 9.09”
  - **Paper Capacity**: Up to 20 sheets*
  - **Power Requirements**: 120V 1.5A 60Hz 120V 6.5A 60Hz
  - **Dimensions (LxWxH)**: 28” x 22” x 23”
  - **Weight**: 185 lbs.

- **DBM-350**
  - **Sheet Size (Min./Max.)**: 8.27” x 5.75” to 12.60” x 9.09”
  - **Paper Capacity**: Up to 20 sheets*
  - **Power Requirements**: 120V 2.1A or 220 - 240V 1.5A Supplied by DBM-350
  - **Dimensions (LxWxH)**: 15” x 22” x 23”
  - **Weight**: 124 lbs.

- **DBM-500**
  - **Sheet Size (Min./Max.)**: 8.27” x 5.75” to 12.60” x 9.09”
  - **Paper Capacity**: Up to 30 sheets*
  - **Power Requirements**: 120V 1.5A 60Hz 120V 6.5A 60Hz
  - **Dimensions (LxWxH)**: 23” x 28” x 43”
  - **Weight**: 908 lbs.

**Trimmers**
- **DBM-120T**
  - **Sheet Size (Min./Max.)**: 7.87” x 3.94” to 12.60” x 8.86”
  - **Trim Margin**: Up to 0.79”**
  - **Trim Capacity**: Up to 40 sheets of 20 lb.*
  - **Speed**: Up to 2,400 sets per hour*
  - **Power Requirements**: 120V 2.1A or 220 - 240V 1.5A Supplied by DBM-350
  - **Dimensions (LxWxH)**: 15” x 22” x 23”
  - **Weight**: 124 lbs.

- **DBM-350T**
  - **Sheet Size (Min./Max.)**: 5.83” x 4.13” to 12.60” x 9.06”
  - **Trim Margin**: Up to 0.79”**
  - **Trim Capacity**: Up to 40 sheets of 20 lb.*
  - **Speed**: Up to 3,000 sets per hour*
  - **Power Requirements**: 120V 2.1A or 220 - 240V 1.5A Supplied by DBM-350
  - **Dimensions (LxWxH)**: 14” x 22” x 34”
  - **Weight**: 155 lbs.

- **DBM-500T**
  - **Sheet Size (Min./Max.)**: 4.72” x 3.35” to 14” x 10”
  - **Trim Margin**: Up to 1”**
  - **Trim Capacity**: Up to 50 sheets of 20 lb.*
  - **Speed**: Up to 5,000 sets per hour*
  - **Power Requirements**: 120V 2.1A or 220 - 240V 1.5A Supplied by DBM-350
  - **Dimensions (LxWxH)**: 23” x 28” x 43”
  - **Weight**: 532 lbs.

* Specifications are subject to change without notice.
Ideal Finishing Solution For Digital Printing

Introducing the document sheet feeder like no other, the Duplo DSF-2000 System combines the advantages of both in-line and off-line finishing solutions. The DSF-2000’s superior suction feeding and bookletmaking qualities transform pre-collated sheets (taken directly from digital copiers or printers) into professional booklets while maintaining set integrity.

The DSF-2000 does not limit the finishing process to any one printer. Operators may merge the output from a variety of printing sources with complete set integrity. The effortless setup of the system simply requires the operator to load the paper into the feed tray and select the desired finishing application.

Versatility and Productivity

The DSF-2000 swiftly feeds up to 200* sheets per minute directly into the Duplo DBM-500, DBM-350, or DBM-120SxS Bookletmakers. Once accumulated, the finishing touches are seconds away. The amount of sheets per set is fully controlled by a sheet counter, End of Set Mark Recognition, or optional barcode reader. Demonstrating its superb versatility to handle a variety of paper sizes and weights, the DSF-2000 primary feed tray offers a 7.87” stack capacity (2,000 sheets of 20 lb. bond) while the cover feed tray holds 2.36” (600 sheets of 20 lb. bond). Another unique feature of the DSF-2000 is the Inverter Function which allows feeding of one to end print formats.

DBM-350 Mid-Range Production

Duplo’s fully automatic, mid-range DBM-350 Bookletmaker fits between the established high-end counterpart DBM-500 and entry level DBM-120SxS Bookletmaker providing an additional solution for accommodating varying production requirements and budgetary needs. Offering a fully automated set-up with stitching heads and an innovative spine compressor for improved lay-flat qualities, the DBM-350 provides an extremely productive and professional solution. Its flexibility allows it to process a wide range of on-demand applications, such as CD and DVD covers to 8.5” x 11” finished booklets of up to 80 pages, with equal ease. When configured with the DSF-2000, the user-friendly PC Controller maximizes productivity by enabling the user control of the entire system at one convenient station.

DBM-120SxS Fully Integrated Communication

The fully integrated communication between the DSF-2000 and DBM-120SxS Sheet By Sheet Bookletmaker allows for full control of the entire system through the DSF-2000 control panel. In addition, the Automatic Size Change (ASC) will communicate with the DSF-2000 indicating the sheet size being fed and automatically perform the size changeover on the bookletmaker. The automatic setting DBM-120SxS Bookletmaker and DBM-120T Trimmer offer speed, reliability, and productivity to help increase profits. With production speeds of up to 1,800 booklets per hour, the DBM-120SxS is the ideal finishing solution for short and medium runs.

DBF-500 • Unparalleled Versatility

Incorporating significant technical upgrades, the fully automatic System 5000 bookletmaker is exceptionally user-friendly, versatile, and includes a revolutionary offering that sets itself apart from competitors. A state-of-the-art set accumulation system offers complete flexibility by accepting both set-by-set of the traditional offset market and sheet-by-sheet pre-collated output of digital printers. Connected to the DSF-2000 Document Sheet Feeder, the DBM-500 Bookletmaker becomes one powerful digital print finishing solution.

SCC Slit/Cut/Crease Module

The SCC (slit/cut/crease) bookletmaking system is unique in offering a slit/cut/crease function to the near-line bookletmaking process. Incorporating a DSF-2000 Document Sheet Feeder (with optional barcode reader), the SCC unit, a DBM-500 Bookletmaker, and a DBM-500T Trimmer, the SCC is the perfect solution for any application requiring a full-bleed finish.

Designed principally for the digital color market, the SCC-equipped bookletmaking system takes care of two common issues associated with digital color output. The SCC unit side-sits and trims the head and foot of each sheet providing an accurate full-bleed trim which is registered by a CCD camera to the image, rather than to the physical dimensions of the sheet to correct any image drift. The SCC module can crease the cover and innermost sheets of the booklet or all the sheets in the booklet preventing image cracking on the fold-line.