specifications

DSF-6000 SHEET FEEDER

MAXIMUM LOADING CAPACITY	24.02" / 610 mm
PAPER WIDTH (MIN – MAX)	4.73" / 120 mm to 14.33" / 364 mm
PAPER LENGTH (MIN – MAX)	8.27" / 210 mm to 20.66" / 525 mm
PAPER WEIGHT	64 - 300 gsm fine quality and coated
BUFFER CAPACITY	10 sheets or less (0.06" / 1.5 mm thickness or less)
SHEET FEED SPEED (MAX)	Up to 600 sheets per minute (A4 SEF)
POWER REQUIREMENTS	DSF-6000: 100 - 240 VAC 50/60 Hz 2.7 - 1.2 A 250W IF Box: 100 - 240 VAC 50/60 Hz 1.9 - 0.8 A 180W
WEIGHT	667 lbs. / 303 kg
DIMENSIONS (LxWxH)	59.8" x 31.3" x 45.2"
OPTIONS	Barcode Kit for DSF-6000; Barcode Kit for DSF-CFL; Barcode Kit for DBM-LSW; Anti-Static Bar Kit for DSF-6000

DBM-600 BOOKLETMAKER

SIGNATURE BOOKLETMAKING

PAPER WIDTH (MIN – MAX)	4.14" / 105 mm to 14.33" / 364 mm[1]
PAPER LENGTH (MIN – MAX)	6.7" / 170 mm to 25.19" / 640 mm[1]
FOLDING CAPACITY	Up to 30 sheets (thickness: 0.1" / 3 mm)[2]
STITCHING CAPACITY	Up to 50 sheets (thickness: 0.19" / 5 mm)[2]

SIDE/SIDE STITCH & FOLD

SHEET SIZE	B5 LEF, A4 SEF, A4 LEF, A4SR SEF, A4SR LEF, LTR SEF, LTR LEF, LGL SEF, LGL LEF, B4 SEF, B4 LEF

CORNER STITCH

SHEET SIZE	SHEET SIZE B5 LEF, A4 SEF, A4 LEF, A4SR LEF, LTR LEF, LGL SEF, LGL LEF, B4 SEF
PROCESSING SPEED	Up to 4,500 sets per hour when connected to the DSF-6000
NUMBER OF STITCHER HEADS	2 standard; 4 optional; TYPE: Hohner 43/6S
POWER REQUIREMENTS	120V 60Hz 4.5A
DIMENSIONS (LxWxH)	73" x 37" x 51"
WEIGHT	831 lbs. / 377 kg
OPTIONS	4 Stitch Head Kit; DBM-600 Air Kit; DBM-SSW Short Stacker

[1] Paper size is subject to feeder specification.
[2] Maximum stitch capacity dependent upon paper weight, paper size, paper conditions, and if folding is required.

SCC SLIT/CUT/CREASE MODULE

PAPER WIDTH (MIN – MAX)	4.72" / 120 mm to 14.02" / 356 mm
PAPER LENGTH (MIN – MAX)	6.69" / 170 mm to 19.69" / 500 mm
PAPER WEIGHT PROCESS PATH BY-PASS	Fine quality paper: 30 - 110 lb.; art/coated paper: 24 - 110 lb. Fine quality paper: 16 - 32 lb.; art/coated paper: 24 - 40 lb.
PROCESSING SPEED	Up to 60 sheets per minute
SLITTING & CUTTING LENGTH	Left & right: 0.16" - 0.98"
FINISHED SIZE	Length: 6.69" - 19.69" Width: 4.72" - 12.59"
POWER REQUIREMENTS	120-240V 50/60 Hz 120W
DIMENSIONS (LxWxH)	52" x 28.9" x 31.9"
WEIGHT	412 lbs. / 187 kg

DSF-CFL Cover Feeder

MAXIMUM LOADING CAPACITY	2.36" (top & bottom trays)
PAPER WIDTH	4.73" / 120 mm to 14.01" / 356 mm
PAPER LENGTH	8.27" / 210 mm to 24.01" / 610 mm
PAPER WEIGHT	64 - 300 gsm fine quality & coated
MAXIMUM FEED SPEED	90 - 145 sheets per minute depending on paper size; in sheet feed mode
MAXIMUM SET SPEED	2,517 (3 sheets LTR SEF)
WEIGHT	165.3 lbs / 75 kg

DBM-600T TRIMMER

IN-FEED BOOKLET SIZE (WxL)	4.14" x 3.35" - 14.33" x 12.6"
FINISHED BOOKLET SIZE (WxL)	4.13" x 2.95" - 14.33" x 11.96"
TRIM WIDTH	0.04" / 1 mm - 0.98" / 25 mm (2.95" with 12 sheets or less)
TRIMMING CAPACITY	Up to 30 folded sheets of fine quality 80 gsm paper, equivalent to 60 sheets (thickness: 0.24" / 6 mm or less)
POWER REQUIREMENTS	120V 60Hz 6.5A
DIMENSIONS (LxWxH)	28" x 28" x 44"
WEIGHT	514 lbs. / 233 kg
OPTIONS	DBM-LSW Extended Conveyor; DBM-SSW Short Stacker; DKT-200 Two-Knife Trimmer; ASM-600 Square Spine

DKT-200 TWO-KNIFE TRIMMER

BOOKLET SIZE (MIN – MAX)	4.72" x 2.95" - 14.02" x 10" 7.87" x 2.95" - 14.02" x 10" (when gutter cutter option used)
FINISHED SIZE (MIN – MAX)	4.72" x 2.95" - 13.9" x 10" Minimum finished booklet size 2-up production head, foot, and face trim with 1 stitches in each booklet: 3.54" x 2.95" / 90 mm x 75 mm
TRIMMING WIDTH	0.04" - 1.18"; gutter: 0.24"
TRIMMING THICKNESS	Within 5 mm (no gutter): fine 81.4 gsm / 22 lb. 50 sheets Within 2.4 mm (gutter): fine 81.4 gsm / 22 lb. 24 sheets
SPEED	Up to 4,500 sets per hour or up to 9,000 sets per hour with gutter cutter
POWER REQUIREMENTS	220 - 240 V 60Hz 4.1A 640W
DIMENSIONS (LxWxH)	37" x 32" x 46"; 91" x 32" x 47" (with stacker)
WEIGHT	1,040 lbs. / 472 kg

iSADDLE

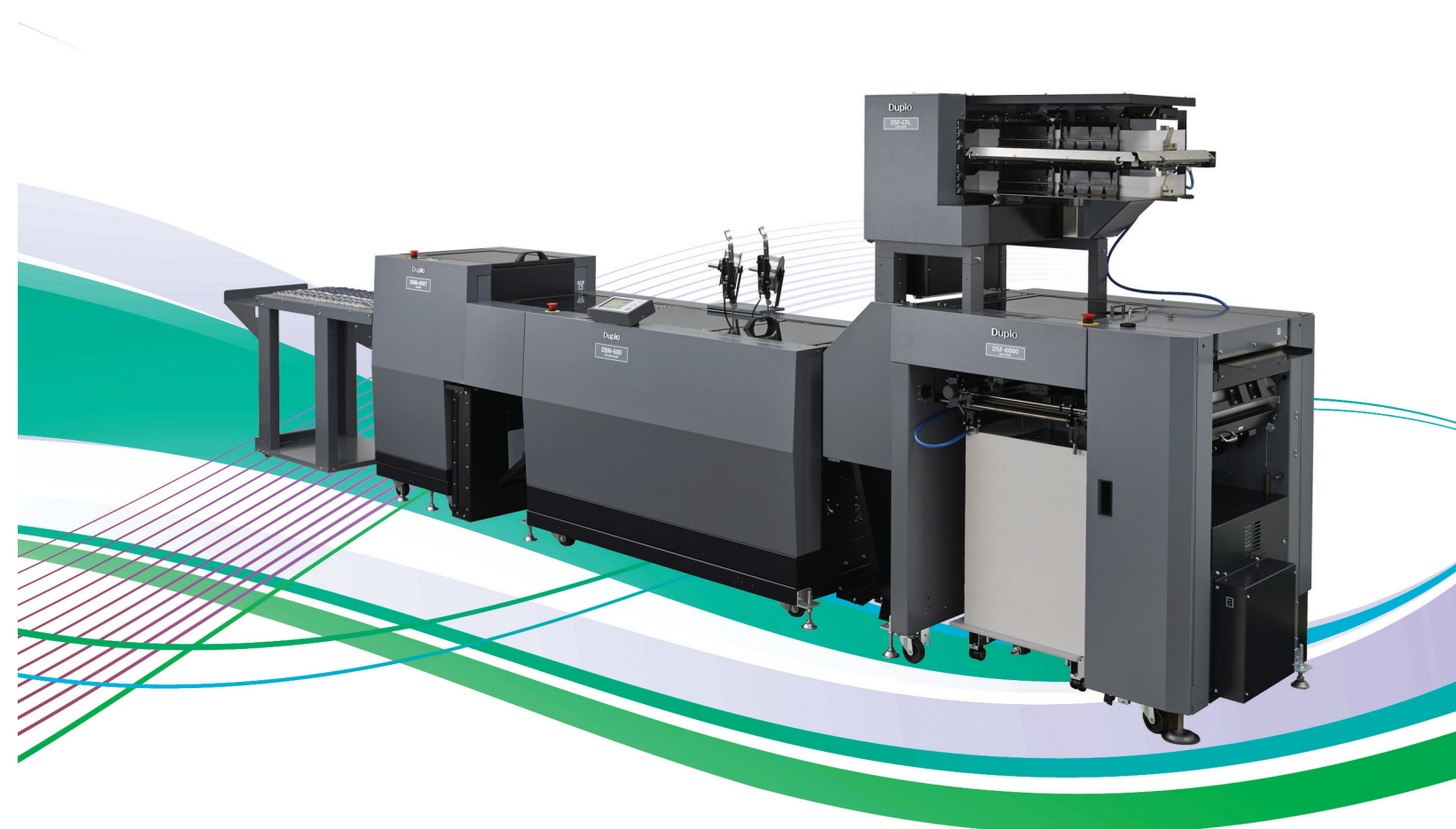|	
PAPER WIDTH (MIN – MAX)	4.72" / 120 mm to 14.01" / 356 mm
PAPER LENGTH (MIN – MAX)	8.27" / 210 mm to 24.02" / 610 mm
PAPER WEIGHT	64 to 157 gsm fine quality paper 64 to 300 gsm cover/ non-coated 84.9 to 157 gsm coated 84.9 to 300 gsm cover/ coated
PROCESSING SPEED	Up to 4,500 booklets per hour (A5 / 5.83" x 8.27") 1 subset; up to 10 sheets Up to 9,000 booklets per hour 2-up booklet production
MAXIMUM SHEET CAPACITY	Up to 30 sheets (0.24" / 6 mm)
SCORE & PLOUGH FOLD CAPACITY	Up to 10 sheets (0.04" / 1.0 mm)
NUMBER OF STITCHER HEADS	2 standard; 3 or 4 optional; TYPE: Hohner 43/6S
POWER SUPPLY	200 - 240V 50/60 Hz DBMS-F2: 200 - 240V 50/60 Hz, 1.4 to 1.1 A 165 W DBMS-S: 200 - 240V 50/60 Hz 2.7 A 410 W DBMS-T: 200 - 240V 50/60 Hz 2.4 A 410 W
DIMENSIONS (LxWxH)	DBMS-F2: 55.55" x 36.22" x 35.35" DBMS-S: 72.68" x 36.82" x 45.75" DBMS-T: 28.27" x 27.56" x 46.73"
WEIGHT	DBMS-F2: 756.32 lbs. / 343 kg DBMS-S: 941.37 lbs. / 427 kg DBMS-T: 606 lbs. / 275 kg
OPTIONS	3 Stitch Head Kit; 4 Stitch Head Kit; Sheet-by-Sheet Air Kit

Duplo

from print to documents

DSF-6000

HIGH SPEED SHEET FEEDER

Feeds up to 600 sheets per minute
24.02" maximum loading capacity
PC Controller software for ease of operation
Cover Feeder maximum paper size up to 14.01" x 24.01"
Barcode options for DSF-6000 and DSF-CFL Cover Feeder

Duplo

1015SL

H igh Production Bookletmaking with Automated Precision!

ADVANCED FEED SYSTEM

Equipped with a technologically-advanced feeding and Air Management System, the DSF-6000 provides an unsurpassed level of high-speed performance that ensures consistent feeding of a wide variety of paper types and weights, from 64 gsm to 300 gsm, at a maximum speed of up to 600 sheets per minute. The main tray offers a loading capacity of 24" (610 mm), which minimizes reloading for longer run times. Three-side air separation and an integrated static eliminator effectively minimize the effects of static that is common with digitally printed media. Optical and ultrasonic sensors accurately detect feed errors, should they occur.

High-speed feeding up to 600 sheets per minute and a 24" inch loading capacity for longer run lengths and productivity.

The flexibility of the DSF-6000 can be enhanced by adding the multi-function DSF-CFL Cover Feeder option. Utilize the cover feeder to add a cover to the sets fed from the main tray or use it independently to feed both the cover and inner sheets. Equipped with Duplo's 8-belt dual fan system, the cover feeder can feed a wide variety of paper types and weights up to 300 gsm and supports maximum paper sizes up to 14"x 24", enabling it to process high value calendar and letter landscape booklet applications.

Supporting paper sizes up to 14" x 24" allows for letter landscape applications.
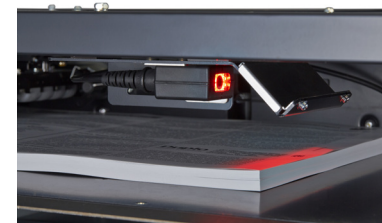
PC-BASED JOB PROGRAMMING

Using Duplo's PC Controller software, the system can easily be managed and controlled by a single operator via a PC. This intuitive Graphical User Interface (GUI) facilitates the programming and saving of jobs. Simply by entering or selecting the paper sizes, the PC Controller automatically calculates the stitch, fold, and trim positions. User-friendly interface elements such as the drop down list, check boxes, buttons, and sliders make it extremely easy for an operator to select or change settings and to make fine adjustments if needed. The PC Controller can save an unlimited number of jobs that can be instantly recalled to change from one job to another within 60 seconds without any tools required.
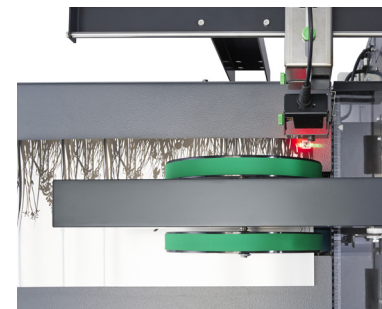
INTEGRITY AND SECURITY

Optional barcode reader kits can be added to ensure the integrity of each booklet. Process documents with variable, personal and sensitive information with confidence by utilizing 1D or 2D barcodes. The barcode reader can identify each set and verify that each sheet in the set is fed in the correct sequence.

A barcode kit is also available for the exit of the bookletmaker to monitor and verify that each booklet has been successfully processed. The barcode data is recorded and can be saved and used for auditing purposes.

600i PRO Digital Booklet System with SCC Slit/Cut/Crease Module

Barcode reader processes personal and sensitive data with confidence.

Verify which booklets have or have not made it completely through the entire process.

600i PRO DIGITAL BOOKLET SYSTEM: DSF-6000 SHEET FEEDER + DBM-600/T BOOKLETMAKER AND TRIMMER

Utilizing state-of-the-art technology to automate and streamline the bookletmaking process, the 600i PRO Digital Booklet System combines the DSF-6000 with the DBM-600/T Bookletmaker and Trimmer. The 600i PRO requires minimal operator intervention and produces saddle, side, or corner-stitched booklets.

Add in-line slitting, cutting, and creasing capabilities with the optional Slit/Cut/Crease (SCC) module. The SCC module trims the top and bottom margins of each sheet to give booklets

a full-bleed finish up to 120 pages. Crease all sheets, cover and innermost sheet, or cover only to prevent toner cracking along the fold line of the booklet. The CCD scanner can also be activated to automatically compensate for image shift from one sheet to the next.

The optional ASM-600 Square Spine module can also be added to produce flat, square spine booklets.

iSADDLE PRO DIGITAL BOOKLET SYSTEM: DSF-6000 SHEET FEEDER + iSADDLE

The iSaddle PRO Digital Booklet System is the most compact saddle stitcher available in the market today, configuring the DSF-6000 with the iSaddle. The "U shaped" ergonomic configuration and visible paper path, allows the operator to easily monitor and control the complete production process.

The iSaddle PRO neatly and accurately jogs each set prior to scoring and plough folding to ensure consistent and accurate folding. Each set is scored and plough folded to produce thicker, flatter booklets up to 2 to 120 pages.

2-KNIFE TRIMMING

To produce booklets with a full-bleed finish, the DKT-200 Two-Knife Trimmer is another option that can be added to the 600i PRO and iSaddle PRO Digital Booklet Systems. With the optional gutter knife and 4-stitch head kit, users can produce 2-up applications up to 9,000 booklets per hour.

iSaddle PRO Digital System with DKT-200