Duplo

DC-746
Slitter/Cutter/Creaser

DC-746 SPECIFICATIONS

Speed	Up to 50 sheets per minute (8.5" x 11" 2 cuts, 1 crease and CCD scanner off)
Input Paper Size	8.26" x 8.26" to 14.56" x 26.37" (210 mm x 210 mm to 370 mm x 670 mm)
Min. Finished Size	1.89" x 1.97" (48 mm x 50 mm)
Tolerance	+/-0.2 mm
Feeder Capacity	5.9" (150 mm)
Paper Weight	110-350 gsm
Slits	Up to 10 per sheet (6 standard slitter tools with 2 margin slitters and 4 center slitters. 2 optional slitter modules with 2 sets of slitters each can be added.)
Cuts	Up to 30 per sheet
Creases	Up to 20 per sheet
Memory	250 jobs using the control panel
Standard Features	Air knife, side air kit, elevator card stacker, fan registration, automatic gutter slit deflectors, crease depth adjustment, ultrasonic double feed detection sensor, feed skew adjustment, batch separation, waste conveyor and external bin, emergency stop switch, on-the-fly rejection, CCD scanner, PC Controller software, PC pole mount, long paper tray, LCD control panel
Options	PC and PC Arm, 48" long conveyor stacker, and Integrated Folding System (IFS)
	RTM-04 Rotary Tool Module includes 2 each of perforation, micro-perforation, scoring, and slit-scoring tools. Up to 3 RTM-04s can be installed in the unit at one time, replacing slitter modules.
	CPM-04 Cross Perforation Module includes 1 each of perforation, micro-perforation, and slit-scoring tools.
	OSM-04 Slitter Module includes 2 sets of slitter heads. Up to 2 OSM-04s can be installed in the unit at one time.
	The OPK-02 PCB kit must be installed when using any of the optional modules but only one kit is needed to use multiple modules.
Power Requirements	115V: 5.2A, 60Hz
Dimensions (W x D x H)	104" x 40" x 44" (2,642 mm x 1,016 mm x 1,118 mm)
Net Weight	992 lb. (450 kg)

* The DC-746 can be adjusted to process banner sheets up to 39" in length. Length is 31" (787 mm) when using standard long paper feed tray. Production rates are based on optimal conditions and may vary depending on stock and environmental conditions.

Duplo

The leading provider of innovative precision finishing, print embellishment, and specialty finishing solutions. Contact us today to request samples or to get in touch with a finishing specialist.

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Automated, Precision Finishing for Mid to High Volume Jobs

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DC-746
Slitter/Cutter/Creaser

The high-speed DC-746 Slitter/Cutter/Creaser is Duplo's production, precision finisher. With its ability to slit, cut, crease, perforate and fold in a single pass, the DC-746 delivers professionally-finished applications up to 50 sheets per minute.

Finish jobs in a matter of minutes by eliminating touch-points and reducing make-ready times. Ideal for mid to high volume jobs, the DC-746 produces an array of applications such as 24-up and 36-up business cards, postcards, coupon flyers, and pamphlets in faster turn-arounds. Bring precision finishing in-house!

NO MANUAL SET UPS

Cut job costs by doing away with time-consuming set ups and make-ready times. With the DC-746, you can efficiently operate the system from a PC station (sold separately). The PC Controller software makes it easy to program jobs for multiple-up finishing with up 10 slits, 30 cuts and 20 creases. Save time by storing virtually an unlimited number of jobs on the hard drive and recall them when needed. Alternatively, the LCD control panel can be utilized to program and store up to 250 jobs in memory.

The DC-746 also comes included with a job template library of common applications. Use the sample PDFs to ensure margins and gutters are set correctly for optimal finishing.

AUTOMATED REGISTRATION & CHANGEOVERS

Reduce downtime between jobs by adding a barcode and registration marks. When reading the barcode, the built-in CCD scanner can automatically recall and change over the job in an instant without any intervention required. The CCD scanner can also read the registration marks on every sheet to compensate for any shrinkage and image shift, in both horizontal and vertical directions, on the fly.

The DC-746 offers a high feed capacity and features Duplo's signature air suction belt system, which feeds from the top of the stack to minimize scuffing and reduces static between the sheets. The ultrasonic double feed sensor detects when two or more sheets have been fed with rejects sent to a reject tray. In addition, its soft sponge rollers allow you to finish raised spot UV coated applications with confidence.

PRECISION FINISHING SECOND TO NONE

Automating the finishing process allows your operator to focus on other tasks. Equipped with rotary slitters, a guillotine cutter, and a depth-adjustable creaser – the DC-746 eliminates the need for multiple devices and set ups. Margins and gutters are trimmed horizontally by the slitter and vertically by the cutter then deposited into the waste bin. Only the finished pieces are delivered on the exit tray. The internal conveyor transports all waste into an external bin, making it simple to empty without interrupting operation.

Creasing digitally-printed jobs such as greeting cards, book covers, and brochures prior to folding prevents toner cracking and unattractive fold lines. The creaser utilizes male and female matrix channels to create a hinge along the sheet to be folded with ease. Use the adjustable 3-step depth crease to optimize performance.
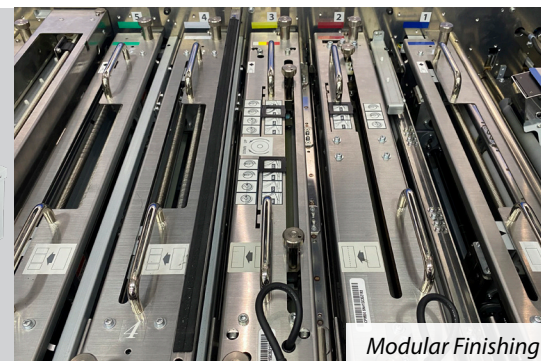
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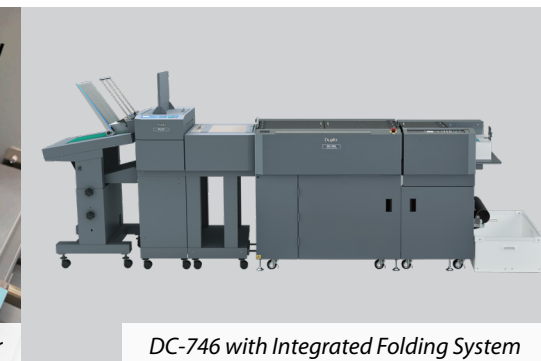
Barcode and Registration Mark Scanner

DC-746 shown with optional PC and PC arm.

Modular Finishing

Elevator Card Stacker

DC-746 with Integrated Folding System

AUTOMATE PREPRESS & FINISHING WITH FIERY IMPOSE

Save up to 70% in set up time by automating job preparation and eliminating manual data entry with Fiery Impose® in Fiery Driven™ print environments. For common jobs, such as business cards, Duplo provides imposition templates to use in Fiery Impose that match the finishing templates. For custom layout jobs, create a new layout file on the PC Controller, import it into Fiery Impose and instantly see a preview of the finishing lines to verify job designs before printing.

This integration allows you to easily input the barcodes and registration marks for the DC-746 to read. Create a timesaving workflow that reduces errors and accelerates turnaround times. Download the how-to guides and templates at fiery.efi.com/htg-impose-duplo.

PERFORATING & IN-LINE FOLDING OPTIONS

Make your DC-746 an even more powerful solution by adding up to three perforating and slitting modules. Combine the Rotary Tool and Cross Perforation modules to create tickets, coupons, and reply cards with T- or L- shape perforations.

- *Rotary Tool Module performs perforations, micro-perforations, scores, and slit-scores across the length of the sheet. Tools are positioned automatically and can perform strike perforations.*
- *Cross Perforating Module performs perforations, micro-perforations, and slit-scores across the width of the sheet. Tools are positioned automatically and can perform strike perforations.*
- *Add up to two extra Slitting Modules with two sets of slitters each to process a maximum of 10 slits per sheet for 36-up business cards.*

Fold applications in-line by adding the Integrated Folding System (IFS). Slit, cut, crease, score, perforate, and fold – with one system!

APPLICATIONS

2-up Coupons on 13" x 19" with T- and L-shape Offset Perforated Cards

1-up Flyer on 12" x 18" with One Fold and L-shape Perforated Card

finished pieces

fold with IFS in one pass   *finished pieces*

Scan to watch the video

- **All-in-one finishing for mid to high volume jobs**
- **Eliminates touchpoints and reduces downtime**
- **Integrates with Fiery Impose® in Fiery Driven™ environments**
- **Removes margins/gutters and prevents toner cracking**
- **Creates custom T- and L-shape perforations**