

# Duplo

## DC-618

### Slitter/Cutter/Creaser

#### DC-618 SPECIFICATIONS

Speed	Up to 23 pages per minute (8.5"x 11" 2 cuts, 1 crease and CCD scanner off)
Input Paper Size	8.26" x 8.26" to 13" x 39.3" (210 mm x 210 mm to 330.5 mm x 1,000 mm <sup>1</sup> )
Min. Finished Size	1.89" x 1.97" (48 mm x 50 mm)
Tolerance	± 0.3 mm business cards; ± 0.2 mm on programmed position
Feeder Capacity	3.9" (100 mm)
Paper Weight	110 - 400 gsm
Slits	Up to 6 per sheet
Cuts	Up to 30 per sheet
Creases	Up to 20 per sheet
Memory	250 jobs using the control panel
Standard Features	Air knife, card stacker, fan registration, automatic gutter slit deflectors, crease depth and width adjustment, ultrasonic double feed detection sensor, feed skew adjustment, batch separation, waste box, emergency stop switch, CCD scanner, PC Controller software, PC pole mount, long paper tray, LCD color touchscreen panel
Options	PC and PC Arm, side air kit, 48" long conveyor stacker, and TF375 PLUS In-Line Folder PFM-04 Manual Perforation Module includes 2 perforation manually adjustable tools. RTM-08 Rotary Tool Module includes 2 each of perforation, micro-perforation, and scoring tools. Up to 2 RTM-08s can be installed in the unit at one time, replacing slitter modules. The OMK-13/14 Motor Kits must be installed when using both. CPM-08 Cross Perforation Module includes 1 each of perforation and micro-perforation tools. The OMK-13 Motor Kit must be installed when using only one RTM-08 or CPM-08 module. The OMK-13/14 Motor Kits must be installed when the RTM-08 and CPM-08 are being used together.
Power Requirements	115V: 2.3A, 60Hz
Dimensions (WxDxH)	67" x 32" x 44" (1,690 mm x 810 mm x 1,125 mm)
Net Weight	375 lb. (170 kg)

<sup>1</sup> Length is 29.5" (750 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.

#### Duplo USA Corporation

3050 S. Daimler St.  
Santa Ana, California 92705  
Toll Free: 1-800-255-1933  
Telephone: 1-949-852-8222  
Email: sales@duplousa.com

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Automated, Precision Finishing for Shorter Runs



# DC-618 Slitter/Cutter/Creaser

The fully automated DC-618 Slitter/Cutter/Creaser is Duplo's compact yet powerful, precision finisher. With its ability to slit/cut/crease and perforate in a single pass, the DC-618 delivers professionally-finished applications up to 23 sheets per minute.

Remove touchpoints and increase productivity. Finish digital print jobs in faster turnarounds. Perfect for all your short runs, the DC-618 produces a wide range of applications including 24-up business cards, greeting cards, tickets and coupons, brochures, and much more. 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-618, you can efficiently operate the system from a PC station (sold separately). The PC Controller software features a newly enhanced interface and makes it easy to program jobs for multiple-up finishing with up to 6 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. Use the job template library and sample PDFs to ensure margins and gutters are set correctly for optimal finishing.

Alternatively, the LCD color touchscreen control panel can be utilized to program and store up to 250 jobs in memory.



## AUTOMATED REGISTRATION & CHANGEOVERS

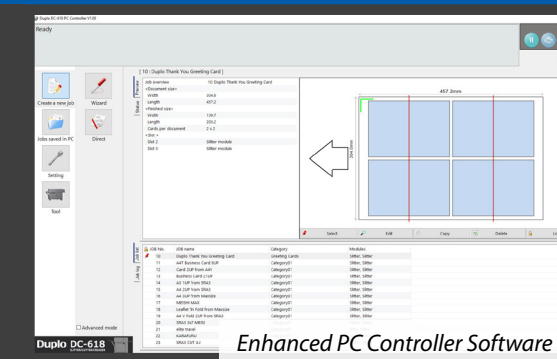
Reduce downtime between jobs by adding a barcode and registration marks. When reading the barcode, the built-in CCD scanner can automatically recall and change over the job in an instant without any intervention required. The CCD scanner can also read the registration marks on every sheet to compensate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

The DC-618 utilizes Duplo's signature air suction belt feed 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 and 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-618 offers the versatility of multiple devices in one. 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 onto the exit tray.

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 crease depth or the new crease width tool to optimize performance when processing thicker stock up to 400 gsm.



Enhanced PC Controller Software



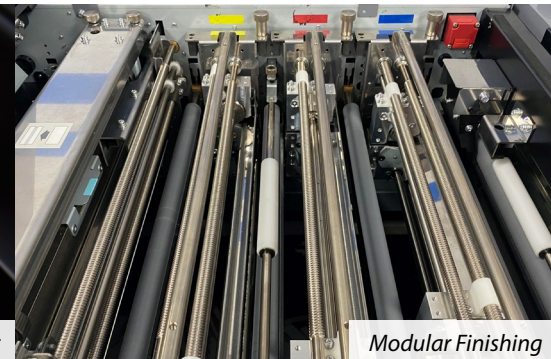
Air Suction Feed System



DC-618 shown with optional PC and PC arm.



Barcode and Registration Mark Scanner



Modular Finishing



Card Stacker

## 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 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-618 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](http://fiery.efi.com/htg-impose-duplo).

## INCREASE VERSATILITY WITH PERFORATION MODULES

Enhance the capabilities of your DC-618 by adding up to two optional modules. Combine the Rotary Tool and Cross Perforation to produce tickets, coupons, and reply cards with T- or L-shape perforations.

- Manual Perforation Module performs continuous perforations along the length of the sheet. Ideal for coupon and ticket applications.
- Rotary Tool Module performs perforations, micro-perforations, and scores along the length of the sheet. Tools are positioned automatically and can perform strike perforations.
- Cross Perforation Module performs perforations and micro-perforations along the width of the sheet. Tools are positioned automatically and can perform strike perforations.

## APPLICATIONS

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



finished pieces

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



fold with IFS in one pass finished pieces



Scan to watch the video

- All-in-one finishing for short run 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