

DC-746

SLITTER/CUTTER/CREASER

Duplo's most powerful all-in-one solution and the ideal companion for digital printers with medium to high production jobs.

- ★ 150 mm feed capacity
- ★ Maximum speed of 50 sheets per minute
- ★ Up to 10 slits, 30 cuts and 20 creases in a single pass
- ★ Easy job setup and unlimited job storage via the PC Controller software
- ★ Built-in CCD scanner reads barcodes and registration marks
- ★ External waste bin

Options

- Rotary tool, cross perforating, and additional slitter modules
- Integrated Folding System for in-line folding
- 1,200 mm long Conveyor Stacker
- PC and PC arm

DC-646

SLITTER/CUTTER/CREASER

Ideal for mid-range production, the DC-646 has the versatility to create a multitude of unique full-bleed applications on demand.

- ★ 100 mm feed capacity
- ★ Maximum speed of 30 sheets per minute
- ★ Up to 8 slits, 30 cuts and 20 creases in a single pass
- ★ Easy job setup and unlimited job storage via the PC Controller software
- ★ Built-in CCD scanner reads barcodes and registration marks

Options

- Rotary tool, cross perforating, and additional slitter modules
- Integrated Folding System for in-line folding
- 1,200 mm long Conveyor Stacker
- PC and PC arm

DC-618

SLITTER/CUTTER/CREASER

The DC-618 is perfect for the short-run, on demand digital printer.

- ★ 100 mm feed capacity
- ★ Maximum speed of 23 sheets per minute
- ★ Up to 6 slits, 30 cuts, and 20 creases in a single pass
- ★ Easy job setup and unlimited job storage via the newly enhanced PC Controller software
- ★ Built-in CCD scanner reads barcodes and registration marks

Options

- PC and PC arm, side air, perforation module, Rotary Tool Module, Cross Perforation Module.

DC-516

PRODUCTION CARD CUTTER

Ideal to tackle manually intensive finishing tasks or peaks in production, with the versatility to streamline pain points across your workflow. The ability to finish completely different jobs with efficiency and consistency, make it the ideal companion for demanding digital print environments.

- ★ 360 mm feed capacity
- ★ Maximum speed of 100 sheets per minute
- ★ Up to 10 slits, 30 cuts and 30 creases in a single pass
- ★ Easy job setup and unlimited job storage via the PC Controller software
- ★ Colour touch panel for ease of use

Options

- Rotary tool, cross perforating, and additional slitter module)

The DC-516 can perform slit, cut, and perforate.

5 UNIQUE

FEATURES OF THE SLITTER/CUTTER/CREASERS

FINISH BANNERS

This brochure was finished on a Slitter/Cutter/Creaser. Many of the newer digital presses are capable of printing long banners and the Slitter/Cutter/Creasers can be adjusted to process these banner sheets up to 999 mm in length while maintaining the same accuracy by utilizing the image shift compensation on the fly.

Users can easily bleed trim these banners down to their finished size. Operators can also print more items on a sheet to further reduce the print costs of applications such as business cards and brochures. Banner sheets are loaded onto the feeder and are accurately slit, cut, creased, and perforated like traditional SRA3 sheets.

PROCESS APPLICATIONS WITH RAISED UV COATING

With its soft sponge roller system, the Slitter/Cutter/Creasers can accurately process applications with raised UV coating. The sponge rollers contour to the varying heights of the raised UV coated sheets and grip the entire surface of the paper as it goes through the finishing process.

Unlike a guillotine, there is no clamp putting pressure on the paper and crushing the raised UV. And without any stiff metal rollers, the application does not get scratched or damaged. Sheets with this type of coating become slippery and can also slip under metal rollers, resulting in registration loss and inaccurately finished work.

ADD IN-LINE FOLDING

Most commercial printers will have work that requires folding. Slitter/Cutter/Creaser users have the option to eliminate an extra setup by adding an in-line knife folder to their device with Duplo's Integrated Folding System (IFS). The ability to upgrade at any time is a big plus for future growth. By adding the IFS, operators can go from flat sheets to finished pieces cut in both directions, creased, perforated, and folded in one pass.

Although buckle folders are faster, the chances of toner cracking are very high. Any job printed on over 140 gsm cover with toner requires a knife folder and the IFS can handle up to 350 gsm.

PRODUCE TINY CARDS

Duplo has introduced a new feature called "Process All" which allows the DC-746 and DC-646 to produce cards smaller than 50 mm in length. With this setting selected, operators can program and produce cards down to 28 x 48 mm. It's a major addition to the already versatile DC-746 and DC-646 models.

INTEGRATED FOLDING SYSTEM

The IFS adds in-line folding to your Slitter/Cutter/Creaser.

Eliminate setting up a separate folder and slit/cut/crease + fold jobs in a single pass by adding it to the DC-746 or DC-646. Using two knife blades, the IFS can perform the most common folds including single, letter, Z, gate, and double parallel along with an infinite number of custom folds.

- ★ All-in-one slit/cut/crease/fold finishing solution
- ★ Integrates with the DC-746 and DC-646
- ★ Multiple-up processing
- ★ Increased stacking capacity

POPULAR FOLD TYPES FOR IFS FOLDER



Single



Double



Letter



Z



Gate

DC-646 Integrated Folding System

CUT 1,000 BUSINESS CARDS IN 3 MINUTES*

It's all about eliminating touchpoints and reducing job costs. Manual setups, multiple devices, and make-ready times are all touchpoints that add to the cost of the job and quickly eat into profit margins.

Streamline your post-press with Duplo's DC Range of Slitter/Cutter/Creasers, the industry's leader in all-in-one digital colour finishing.

It's their ability to finish full-bleed applications with incredible precision that make them a must-have in print shops. Automatically slit the margins, cut the gutters, and crease the fold lines of brochures and greeting cards in a single pass. Cut 21-up business cards on SRA3 paper without additional modules. And if you need to do more, the DC-746 and DC-646 can perform strike and cross perforations so you can create 16-up tickets or add perforated cards to flyers in-house.

Job setup and changeovers are fully automated. Operation is easy so no experience is required. And they run without supervision so your operator can attend to other tasks.

** Production rate based on 21-up business cards on SRA3 finished on the DC-746.*



Less downtime. Faster turnarounds. More profits.

AUTOMATE PREPRESS AND FINISHING WITH
EFI FIERY PRINT SERVERS

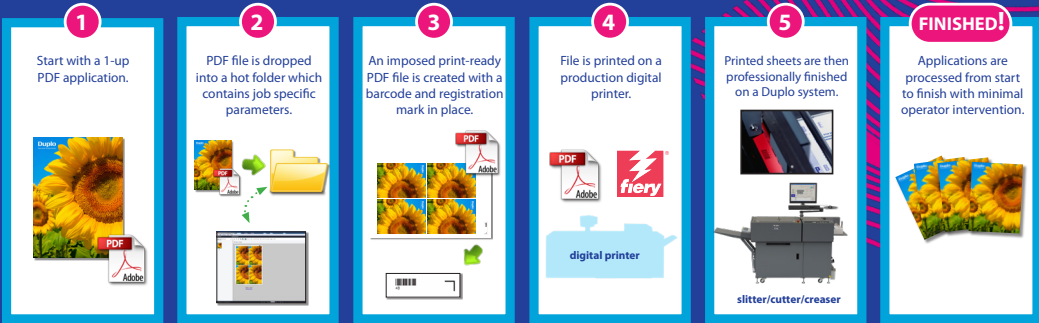
Save up to 70% in setup time by automating job preparation and eliminating manual data entry with Fiery Impose® in Fiery Driven™ print environments. The integration between Fiery Impose and Duplo's Slitter/Cutter/Creasers offers timesaving workflows that can be applied to both common and custom layout jobs.

For the most common jobs such as business cards or postcards, Duplo provides imposition templates to use in Fiery Impose that match the finishing templates on the Slitter/Cutter/Creaser. The finishing templates come pre-set with measurements for the margins and gutters as well as finishing sizes. The templates use barcodes and registration marks that let the Slitter/Cutter/Creaser adjust automatically without intervention.

For custom layout jobs*, users can create the new layout file on the Duplo PC Controller, import it in Fiery Impose and instantly see a visual preview of finishing lines to quickly verify job designs before printing. Users can save the layout as a Fiery Impose template to automate the same type of job in the future using one-step automated workflows such as Fiery Hot Folders, Fiery Presets, Fiery JobFlow or Virtual Printers. This automated solution reduces human setup errors and accelerates turnaround times.

For more information download the how-to guides and videos at:
<https://www.duplointernational.com/uk/Cutter-Creasers/products/2028/>

**Supported on DC-618, DC-646 and DC-746.*



DC-516

Feed Capacity	360 mm
Paper Weight	110 – 350/400 Creasing gsm
Input Paper Size	Min: 210 mm x 210 mm Max: 370 mm x 670 mm
Minimum Finished Size	48 mm x 50 mm
Maximum Speed	Up to 100 sheet per minute
Slits per Sheet	10
Cuts per Sheet	30
Creases per Sheet	30
Dimensions (WxDxH)	L-1,170 mm x D-925 mm x H-1,400 mm
Weight	134 kgs

DC-618

Feed Capacity	100 mm
Paper Weight	110 – 400 gsm
Input Paper Size	Min: 210 mm x 210 mm Max: 330 mm x 750 mm
Minimum Finished Size	48 mm x 50 mm
Maximum Speed (8.5 x 11" 2 Cuts, 1 Crease and REG OFF)	Up to 23 sheet per minute
Slits per Sheet	6
Cuts per Sheet	30
Creases per Sheet	20
Dimensions (WxDxH)	W-1,701 mm x D-812 mm x H-1,117 mm
Weight	170 kgs

DC-646

Feed Capacity	100 mm
Paper Weight	110 – 350 gsm
Input Paper Size	Min: 210 mm x 210 mm Max: 370 mm x 670 mm
Minimum Finished Size	48 mm x 50 mm
Maximum Speed	Up to 30 sheet per minute
Slits per Sheet	8 (6 standard + 2 optional)
Cuts per Sheet	30
Creases per Sheet	20
Dimensions (WxDxH)	L-2,311 mm x D-1,016 mm x H-1,117 mm
Weight	280 kgs

DC-746

Feed Capacity	150 mm
Paper Weight	110 – 350 gsm
Input Paper Size	Min: 210 mm x 210 mm Max: 370 mm x 670 mm
Minimum Finished Size	48 mm x 50 mm
Maximum Speed (8.5 x 11" 2 Cuts, 1 Crease and REG OFF)	Up to 50 sheet per minute
Slits per Sheet	10 (6 standard + 4 optional)
Cuts per Sheet	30
Creases per Sheet	20
Dimensions (WxDxH)	L-2,641 mm x D-1,016 mm x H-1,117 mm
Weight	450 kgs

Duplo

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Duplo International Limited Automated Precision House, Hamm Moor Lane, Addlestone, Surrey KT15 2SD +44(0) 1932 263 900

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Duplo
DC - RANGE BROCHURE



UNLEASH
FLEXIBILITY