

## DC-615 Pro finisher for digital colour print

<b>Feeder</b>	
<b>Capacity</b>	100 mm
<b>Type</b>	Air knife separation / Top feed / Belt suction
<b>Speed (CCD Off)</b>	A4 Leaflet (4 side trim and centre) @ 9 sheets/minute (540/hour) Business cards (20 from A3 sheet) @ 5 sheets/minute (6000 cards/hour) Greetings card (4 from SRA3 sheet) @ 5 sheets/minute (1200 cards/hour)

<b>Input Paper Size</b>	
<b>Minimum</b>	210mm wide x 210mm long
<b>Maximum</b>	320mm wide x 650mm* long <i>*460mm is standard. For longer sheets an optional feed tray is required</i>

<b>Input Paper Weight</b>	
<b>Minimum</b>	Nominally 110gsm
<b>Maximum</b>	Nominally 300gsm
	Paper curl within +/- 3mm
<b>Paper Type</b>	Uncoated paper, coated paper, laminated paper

<b>Finished Paper Size</b>	
<b>Minimum</b>	Business card size 48mm wide x 85mm long (85mm is in feed direction)

<b>Slitters</b>	
<b>Number</b>	6 x rotary slitting knives (2 x side trim, 4 x centre slitter)
<b>Margin Slit</b>	3.2mm - 55mm from paper side edges
<b>Gutter Deflector</b>	5mm - 15mm strips Gutter slits wider than above will be delivered on to the exit tray Max 2 deflectors per document

<b>Accuracy</b>	Programmable in 0.1mm increments
<b>Tolerance</b>	Finishing size +/- 0.3mm (business card +/- 0.4mm)

<b>Cross Knife Cutter</b>	
<b>Number</b>	1 x cross knife
<b>Maximum Programmable</b>	15 cuts
<b>Lead Edge Cut</b>	Minimum 3.2mm
<b>Gutter Cut</b>	Minimum 4mm
<b>Trail Edge Cut</b>	Minimum 5mm
<b>Accuracy</b>	Programmable in 0.1mm increments
<b>Tolerance</b>	Finishing size +/- 0.3mm (business card +/- 0.4mm)

<b>Creaser</b>	
<b>Number</b>	1 x creasing rule across paper direction
<b>Maximum Programmable</b>	10 creases
<b>Accuracy</b>	Finishing size +/- 0.3mm
<b>Crease Depth Adjustment</b>	3 steps (from control panel)
<b>Accuracy</b>	Programmable in 0.1mm increments

<b>Power Supply</b>	
<b>Voltage</b>	230V AC, 50Hz, power consumption 100W
<b>Current</b>	0.7 A

<b>Machine Dimensions (mm)</b>	
<b>Length</b>	1600mm
<b>Width</b>	620mm
<b>Height</b>	1050mm
<b>Weight</b>	132Kg



**DC-615 Pro**  
finisher for digital colour print

slit / cut / crease digital colour print in one pass  
applications include:  
business cards, folded business cards, greeting cards,  
postcards, leaflets, cd/dvd inlays, brochures and point of sale materials

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Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions. As part of our continuous product improvement program, specifications are subject to change without notice.

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## DC-615 Pro finisher for digital colour print

### unique, innovative, multi-function

The DC-615 Pro offers an intelligent and intuitively useable solution suited to a range of finishing applications, such as greetings cards, promotional leaflets, postcards and business cards

Developed specifically to meet the increasing demands of shorter run digital colour print, the versatile DC-615 Pro provides a multi-functional finishing solution in one compact, easy to use package. Slitting, cutting and creasing digitally printed sheets in one single pass, the DC-615 Pro delivers efficient production output with minimum operator intervention.

- Reduces production time
- Reduces waste and errors caused by using separate unconnected finishing processes
- Saves cost of additional equipment
- One operator performs the job of two persons
- Intelligent and intuitive, allowing operation by unskilled staff

#### Designed for digital print users

The DC-615 Pro comes equipped with many features for dealing with problems commonly found when finishing digital colour prints, including; an 'air-knife' designed to overcome static, improve feeding and reduce image marking on delicate stock. It also includes ultrasonic double feed detection which removes the possibility of two sheets being fed together and reduces waste. Simple adjustment is provided for image skew and an integral CCD camera recognises the true position of the image on the sheet to compensate for paper shrinkage and image shift, even when it varies from sheet to sheet. Ideal for inexperienced operators, just press the green button to start; the CCD can recognise the job (by reading a barcode) and upload the correct settings from memory then process the sheet to the intended finish without operator intervention.

#### Multi-function finishing

In conventional finishing using separate machines and different operators, errors or adjustments made in one task, impact upon the next. By including slitting, cutting and creasing functions in one machine, all critical finishing operations can be performed in relationship to each other, enabling the operator to adjust one, more or all actions to produce a perfect finish. The male and female creasing rule creates a form that stops toner from cracking as the paper is folded.

#### Fully automated

All operations are tool-less, even adjustments to the creasing tool to suit different thicknesses of paper are performed completely automatically. The DC-615 Pro also includes a gutter deflector which ensures waste from gutter cuts is diverted directly into the waste bin.

An enhanced feature incorporated into the DC-615 Pro is the "adjust all" function. This allows the operator to shift any complete set of slitting, cutting or creasing positions which have already been individually programmed, by +/- 20mm in one group adjustment, rather than individually, thus saving valuable time.

#### Ease of programming

A large screen allows the operator to quickly access, review and edit up to 80 memorised jobs at the touch of a button without having to re-enter any information. A user-friendly graphical programming interface for PC or Mac, allows even untrained staff to operate the system. This can also be used to edit, store and download settings and access machine functions for every programme. Job data and service information is stored for convenient analysis and faster problem solving.

#### Versatile and efficient

The DC-615 Pro suits a wide range of applications, enabling one operator to process multiple and different jobs in an efficient workflow.

- Greetings cards and Postcards
- Leaflets and menus
- Business cards and folded information cards
- Point of sale advertising and calendars
- CD and DVD inserts

The receiving tray is easily adjusted to allow for neat stacking of small and large items.



100mm deep capacity feeder tray, with air knife for reliable sheet separation. Duplo's world renowned feeding system presents the sheets gently and mark-free for processing, even when the pile contains mixed stock types and weights.



Process modules include; 2 x rotary side trimmers, 4 x rotary slitting knives, 1 x cross knife and 1 x creasing rule with variable depth crease.



High capacity waste bin ensures longer running and easy emptying. All waste is stripped out during processing.



The touch panel display guides the operator through job set-up. 80 jobs can be stored and recalled quickly and easily, either manually or by barcode recognition from the printed sheet.



The exit tray module is fully adjustable, stacking finished items for neat and tidy collection.

#### Pre-Press Studio

Designer creates application to chosen size. Register mark and bar code incorporated in design.

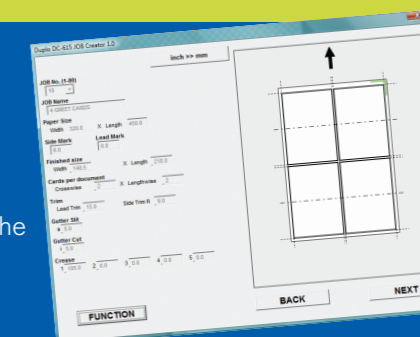


#### Print

Artwork is then printed digitally on stock up to 300gsm. Register mark is printed as part of the document to counter-act any image drift.

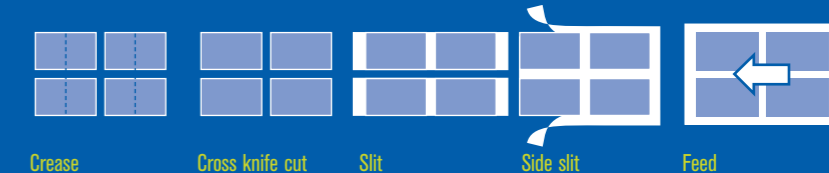
#### DC-615 Pro Job Creation

Operator then relays application information into the Job Creator software which automatically sets up the machine.



#### DC-615 Pro Production

The 615Pro then feeds stock, slitting, cutting and creasing in one pass.



an innovative solution for finishing digital print