

Specifications

Dimensions (L x W x H):	1600mm x 620mm x 1050mm
Weight:	132 Kg
Power Supply / Consumption:	230V AC, 50Hz / 100W (0.7 Amp)
Input Paper Size Min:	210mm wide x 210mm long
Input Paper Size Max:	320mm wide x 650mm* long
Finished Paper Size:	Min: Business card size 48mm wide x 85mm long (85mm is in feed direction)
Paper Weight Min:	110 gsm
Paper Weight Max:	350 gsm
Paper Curl:	Within +/- 3 mm

*460mm is standard. For longer sheets an optional feed tray is required

Slitters

Number:	6 x rotary slitting knives (2 x side trim, 4 x centre slitter) (programmable in 0.1mm increments)
Margin Slit:	3.2mm - 55mm from paper side edges
Gutter Deflector:	5mm - 15mm strips Gutter slits wider than above will be delivered on to the exit tray. Max 2 deflectors per document
Tolerance:	Finishing size +/- 0.3mm (business card +/- 0.4mm)

Creaser

Number:	1 x creasing rule across paper direction
Maximum:	10 creases (programmable in 0.1mm increments)
Crease Depth Adjustment:	3 steps (from control panel)
Tolerance:	Finishing size +/- 0.3mm

Paper Type:	Uncoated paper, coated paper, laminated paper
Capacity:	100 mm
Type:	Top feed / Belt suction
Speed (CCD Off):	A4 Leaflet (4 page) (4 side trim and centre crease) @ 8 sheets/minute (480 brochures/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)

Cross Knife Cutter

Number:	1 x cross knife
Maximum:	15 cuts (programmable in 0.1mm increments)
Lead Edge Cut	Minimum 3.2mm
Gutter Cut:	Minimum 4mm
Trail Edge Cut:	Minimum 5mm
Tolerance:	Finishing size +/- 0.3mm (business card +/- 0.4mm)

Duplo[®]
from print to documents

DC-615

FINISHING FOR DIGITAL COLOUR PRINT

Slit / cut / crease digital colour print in one pass
Unique
Innovative
Multi-function

Business cards, Folded business cards, Greeting cards, Postcards, Leaflets, CD/DVD inlays, Brochures and point of sale materials



Duplo is a trade mark of the Duplo Corporation. Duplo has a policy of continuous improvement and reserves the right to amend the above specification without prior notice

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.



Ref: DC615/01/11

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



Versatile and efficient

The DC-615 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..



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.



Designed for digital print users

The DC-615 comes equipped with 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.



Fully automated

All operations are tool-less, even adjustments to the creasing tool to suit different thicknesses of paper are performed completely automatically. Both models include a gutter deflector which ensures waste from gutter cuts is diverted directly into the waste bin. An enhanced feature incorporated into both models 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.

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 350gsm. Register mark is printed as part of the document to counter-act any image drift.

DC-615 Job Creation

Operator then inputs application dimensions and slit, cut and create positions manually via the LCD panel.



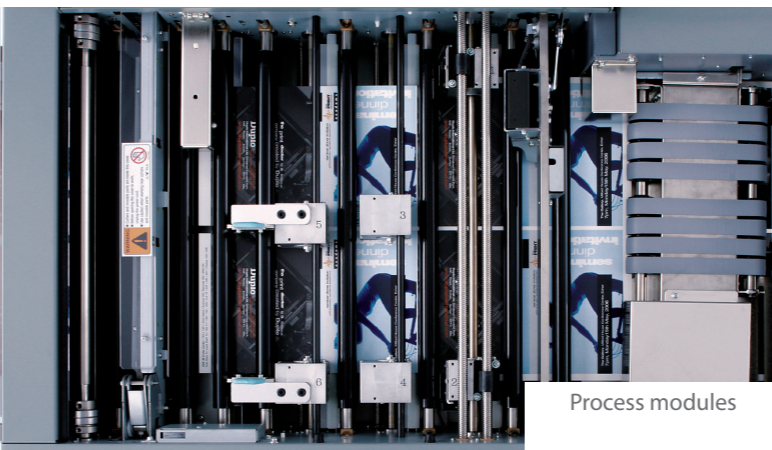
Finishing Process



Touch panel display



Deep capacity feeder tray



Process modules



High capacity waste bin