

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:	Air knife separation / Top feed / Belt suction
Speed (CCD Off):	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)

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-615Pro

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



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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: DC615Pro/01/11

Developed specifically to meet the increasing demands of shorter run digital colour print, the versatile DC-615Pro 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-615Pro 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-615Pro 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.



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-615Pro 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-615Pro 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

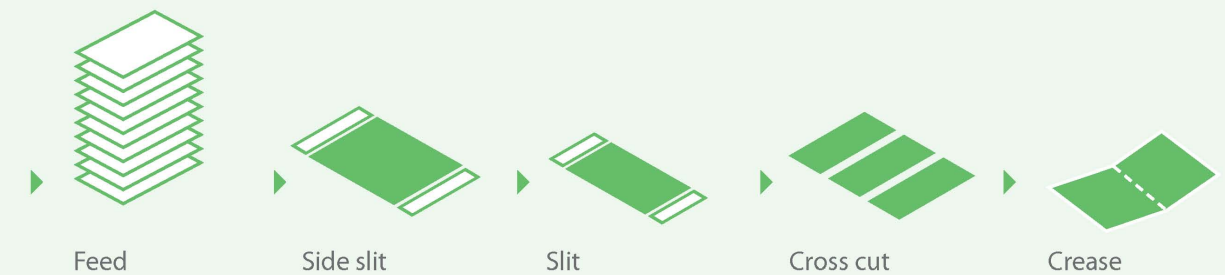
A large screen allows the operator to quickly access, review and edit up to 80 memorised jobs at the touch of a button without having to re-enter any information. A user-friendly graphical programming interface for PC or Mac, allows even untrained staff to operate the system. This can also be used to 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.

Designed for digital print users

The DC-615Pro 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.

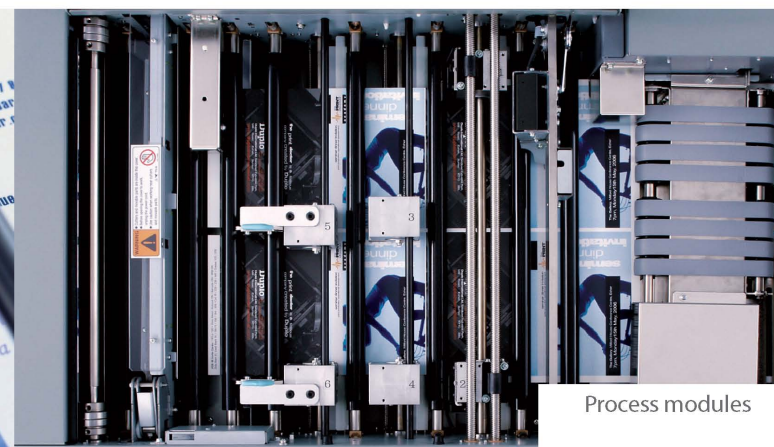
Finishing Process



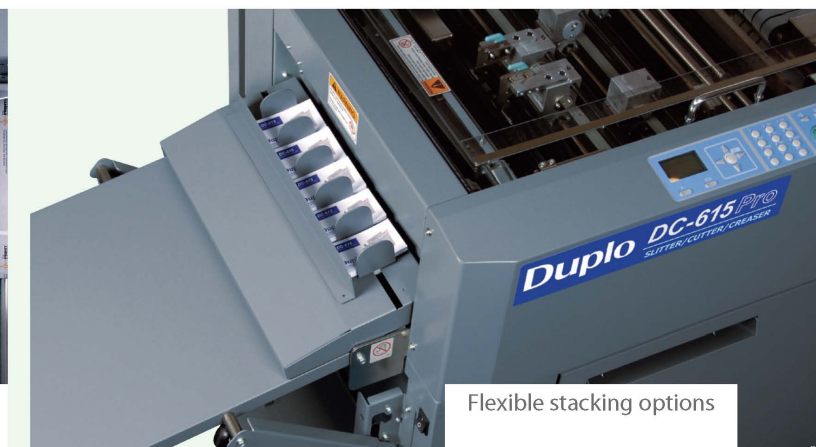
PC Interface



Barcode recognition



Process modules



Flexible stacking options