

DC-616/DC-616 PRO

Slitter / Cutter / Creaser

Duplo

from print to documents

DC-616/DC-616 PRO

Slitter / Cutter / Creaser

SPECIFICATIONS	
Speed	Up to 10 pages per minute
Input Paper Size	8.26" x 8.26" to 13" x 26.37" (210 mm x 210 mm to 330.6 mm ¹ x 670 mm ²)
Min. Finished Size	1.89" x 1.97" (48 mm x 50 mm)
Tolerance	± 0.3 mm
Auto Feeder Capacity	3.9" (100 mm)
Paper Weight	110 - 350 gsm (30 lb. bond - 130 lb. cover)
Slitters	6
Cuts	25 per sheet
Creases	20 per sheet
Memory	80 jobs using the control panel
Standard Features	DC-616 PRO: Air knife, card stacker, fan registration ³ , semi-automatic gutter slit deflectors ⁴ , 3-step crease depth adjustment, ultrasonic double feed detection sensor, CCD scanner, PC Controller software, PC Pole Mount*, and perforating unit DC-616: Air knife, card stacker, fan registration ³ , semi-automatic gutter slit deflectors ⁴ , 3-step crease depth adjustment, and control panel
Options	DC-616 PRO: Long paper tray DC-616: Long paper tray, ultrasonic double feed detection sensor, CCD scanner, PC Controller, PC pole mount, and perforating unit
Power Requirements	120v 50/60Hz
Dimensions (LxWxH)	63" x 25" x 42"
Weight	291 lbs.

* Must purchase PC Arm
¹ Certain change with the software and hardware setting is required.
² Length can be increased to 670 mm when using optional long paper feed tray.
³ Feed belts are set at a 2 degree angle towards the non-operator side which allows the paper to align properly before being processed through the machine.
⁴ Gutter slits must be between 5 - 15 mm in order to be deflected properly.

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



Perfect *Slit, Cut & Crease*
Finishing Solution for Digital Documents

Duplo

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Perfect Slit, Cut & Crease Finishing Solution for Digital Color Documents

The DC-616 PRO and DC-616 Slitter/Cutter/Creaser offer the perfect finishing solution for the short-run, on demand digital printer. Designed to eliminate white borders and prevent toner cracking on color documents, this all-in-one finisher can process up to 6 slits, 25 cuts and 20 creases in a single pass - bringing efficiency and automation to your post-press operation. Offering a fully automatic setup and quick changeovers, the DC-616 PRO and DC-616 can finish a wide array of full-bleed digital applications including greeting cards, invitations, brochures, book covers, photos, and 24-up business cards without additional modules required!

Easy Job Setup from a PC

With no experience required, any operator can finish a job within minutes. In many cases, the same operator running the press can turn around and finish the job on the DC-616 PRO or DC-616, thus reducing training and labor costs. The DC-616 PRO and DC-616 also run unattended and enable printers to boost their productivity and generate more profits from their short runs.

The DC-616 PRO comes equipped with the PC Controller software, enabling users to operate the system from a PC. The Job Creator wizard makes it simple for operators to create new jobs, make adjustments, and save virtually an unlimited number of jobs on the hard drive for faster changeovers.

The DC-616 PRO also comes standard with a CCD Scanner to read barcodes and registration marks. By reading the barcode, the DC-616 PRO can recall any job stored in memory and perform changeovers automatically. The CCD scanner can also read REG marks and compensate for the sheet-by-sheet image shift in both horizontal and vertical directions.

- Up to 6 slits, 25 cuts and 20 creases in a single pass
- Handles paper up to 350 gsm, up to 26" in length
- Fully automated setup
- 3.9" feed capacity and air suction feeder with air knife
- Processes 24-up business cards in one pass without an additional module required
- The DC-616 PRO model comes standard with the PC Controller software, CCD scanner, and perforation unit
- Barcode and Reg Mark can be easily applied with EFI Fiery Command Workstation impose tool (Fiery System 10 or newer)
- A job template library is included with the PC Controller software for common applications

Barcode and registration marks can be easily applied with the EFI Fiery Command Workstation impose tool (Fiery System 10 or newer). A job template library is included with the PC Controller software which can be used to immediately begin producing common applications such as business cards, tickets, postcards, and greeting cards. To ensure print jobs are optimized for finishing on the DC-616/DC-616 PRO, a sample PDF is also included in the template library to make sure margins and gutters are set correctly.

The base DC-616 model offers a variety of the DC-616 PRO features as options and can be configured according to a user's needs. The DC-616 can be set up via the control panel and up to 80 jobs can be saved in memory. The PC Controller software and CCD scanner can be added as needed.

Finish digital color applications such as:

- 24-up business cards
- Postcards
- Greeting cards
- Invitations
- Photos
- Book covers
- Brochures
- Menus
- Direct mail pieces
- CD/DVD case inserts
- Tent cards
- And much more!



Superior, High Capacity Feeding

The DC-616 PRO and DC-616 Slitter/Cutter/Creaser feature a 3.9" feed capacity stacker and a unique top air-suction feeding system to maintain consistency and productivity throughout.

The high capacity feeder allows the system to run for a longer period of time, minimizing constant reloading. Sheets are fed from the top of the stack to reduce scuffing and marking on the sheets, commonly caused by bottom feeders. The feeding system utilizes two fans instead of a pump for air suction and sheet separation, which reduces the overall noise level of the system, while the air knife provides additional air flow to the stack for improved feed consistency and static reduction.

For enhanced reliability, the DC-616 PRO features an Ultrasonic Double Feed Sensor* to detect when two or more sheets have been fed.

Digital Print Finishing

The versatility of the DC-616 PRO and DC-616 makes it ideal for finishing full bleed applications in a single pass. Its rotary slitters, guillotine cutter and depth-adjustable creaser provide the versatility of multiple machines without the timely, manual setups. Margins are trimmed horizontally by the slitter and

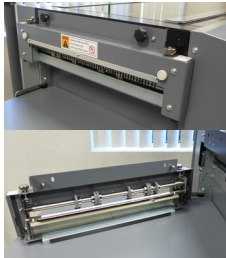
vertically by the cutter, and are automatically deposited into the waste bin. Only the finished pieces are delivered into the exit tray. The easily removable Card Stacker is ideal for business cards and postcards as it keeps smaller pieces neatly stacked and organized as they are being delivered.

Creasing digitally-printed output 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 and help documents to be folded with ease. Creasing performance is optimized via the adjustable 3-step crease depth for various paper types and weights. The DC-616 PRO and DC-616 handle substrates up to 350 gsm and paper sizes of 8.26" x 8.26" to 13" x 26.37".

Increased Versatility

The DC-616 PRO features a new Perforating Unit* that can be easily attached to the exit of the machine. The Perforating Unit comes with two manually-adjustable perforation tools to perforate along the length of the sheet. For non-perforating jobs, the Perforating Unit can be easily removed.

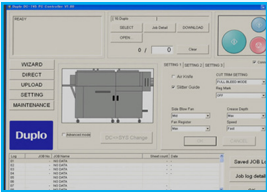
*Optional for basic DC-616 model



DC-616 PRO & DC-616 STANDARD FEATURES		
	DC-616	DC-616 PRO
Air Knife	✓	✓
Card Stacker	✓	✓
Ultrasonic Double Feed Sensor	Optional	✓
CCD Scanner	Optional	✓
PC Pole Mount	Optional	✓
PC Controller	Optional	✓
Perforation Unit	Optional	✓
Long Paper Tray	Optional	Optional



DC-616 PRO standard with PC Controller software



The PC Controller enables users to easily and quickly operate, create and adjust jobs. A job template library is also included for common applications.



The easily removable Card Stacker is ideal for business cards and postcards as it keeps smaller pieces neatly stacked and organized as they are being delivered.



The 3.9"-capacity, continuous automatic feeder allows for non-stop productivity.



Margin, gutter slit, and gutter cut strips are automatically deposited into waste bin.

24-up Business Cards on 12" x 18" Application Workflow

