

DC-516 PRO Multi-Finisher

SPECIFICATIONS

Input Paper Size	Width: 5.5" x 14.6" (140 – 370 mm) Length: 5.9" x 26.37" (150 – 670 mm)
Paper Weight	110 - 400 gsm
Speed	Creasing: 100 ppm (6,000 sheets per hour) 8.5" x 11" SEF 1 crease Cutting: 12 sheets per minute (720 sheets per hour) 13" x 19" 24-up business cards
Feeder Capacity	14.2" (360 mm)
Image Shift Compensation	Laser Scanner reads REG mark in horizontal direction
Slits	6 standard slitter tools Optional slitter tools can be installed for a maximum of 10 slits
Cuts	Up to 30 cuts per sheet
Creases	Up to 20 creases per sheet with each module Positive and negative creasing capabilities Two creasing modules are required for up and down creasing
Power Requirements	115V: 5.5A 50/60hz
Standard Features	250 job memory in main unit, test feed (1 sheet); air knife; side air; feed skew adjustment; ultrasonic double-feed detection; REG mark scanner
PRO Model	Included with 1 creasing module, 1 cutting module, 1 slitting module and long conveyor stacker All motor/accessory kits are included.
Base Model	Included 2 creasing modules; applicable motor kits All other options can be configured according to user's needs. Motor kits are required when adding the cutting and slitting modules. Connecting kit is required when adding the stacker.

As part of our continuous product improvement program, specifications and descriptions are subject to change without notice.

Duplo

DC-516 PRO

Multi-Finisher



DC-516 Pro shown with standard long conveyor stacker

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*F*or High Production Environments

High Speed Finishing for High Production Environments

The DC-516 Pro Multi-Finisher, Duplo's latest introduction to its growing line of digital color finishing solutions, offers high-speed finishing for high production environments. Featuring a 14" high capacity feeder and long conveyor stacker, the DC-516 Pro keeps productivity non-stop.

Automatically cut 24-up business cards on 13" x 19" sheets or 36-up cards on 14" x 20" stock within seconds. The DC-516 Pro comes standard with both cutting and slitting modules and can apply up to 30 cuts per sheet. The slitting module includes 6 tools and up to 10 slits can be applied (additional 4 slits optional). Slitting tools are manually adjusted and cuts are set through the control panel.

Prevent toner cracking by creasing brochures and book covers prior to folding at up to 100 sheets per minute! The DC-516 Pro's creasing module features a new dual creasing tool that can be switched interchangeably to perform positive and negative patterns. To perform positive and negative creases in one pass, a second creasing module is required. Each module applies up to 20 creases per sheet.

Optional rotary tool and cross perforating modules can be added to perform a wider range of finishing capabilities for unique applications.

HIGH PRODUCTION CREASER

The DC-516 base model comes standard with 2 creasing modules which produces male/female creasing capabilities in a single pass. With the unique impact creasing mechanism, the high speed is maintained regardless of the number of creases. The creasing tools can be easily changed to perform quicker one directional or two directional creases with a simple flip of the tool. With the creasing modules installed, it has the ability to produce up to 100 sheets/minute. All settings and adjustments are made using the new touchscreen with an easy- to-use interface. The DC-516 base model provides the complete solution to the problem of toner cracking that occurs when folding digitally printed output.

- 14" feed capacity and long conveyor stacker
- Cuts high volume 24-up and 36-up business cards
- Creases up to 100 sheets per minute
- Applies positive and negative creases with new dual creasing tool
- Handles paper up to 400 gsm on 14" x 26" sheet sizes
- Built-in REG mark scanner compensates for image shifts in horizontal direction
- Standard apply shrinkage control for image shrinkage due to high fusing temperatures and moisture content loss
- Rotary tool and cross perforating modules with strike-perforating capabilities

HIGH CAPACITY, AIR SUCTION FEED SYSTEM

With a 14" feed capacity, the largest in the DC series, operators can maintain productivity throughout the job. Utilizing Duplo's widely renowned air suction feeder, the DC-516 Pro/DC-516 comes equipped with an 8-belt feed system that feeds from the top of the stack to reduce scuffing and marking on the sheets. The DC-516 Pro/DC-516 comes with side air, an air knife, and an ultrasonic sensor for increased feed consistency. The air knife reduces static by providing additional air flow to the stack. The ultrasonic sensor detects when two or more sheets have been fed, automatically stopping the unit. A REG mark scanner compensates for any image shift in the horizontal direction.

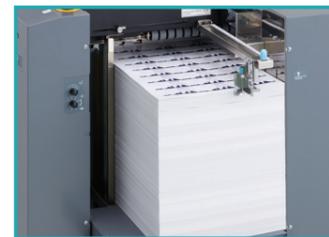
Jobs are managed from the user-friendly LCD touchscreen control panel where up to 250 jobs can be stored in memory. Operators can instantly recall any saved job to change over from one job to another and reduce downtime. With the DC-516 Pro Multi-Finisher, speed and precision allow digital printers to finish longer runs with minimal supervision required.

VERSATILE OPTIONS

By adding the modules, the DC-516 Pro/DC-516 can finish full-bleed documents up to 26.4" (670mm) in length. Mix and match modules in the two slots to produce a variety of unique applications.

- The Rotary Tool Module performs perforations, micro-perforations, scores, slit-scores, and strike perforations across the length of the sheet. Two rotary tools come standard, additional rotary tool unit can be purchase which includes four different tools (perf, micro-perf, score, slit-score).
- The Cross Perforation Module performs perforations across the width of the sheet. Cross Perforation uses a long perforation rule. To add partial perforation, unnecessary teeth must be removed.

- The Slitting Module (standard on Pro model) performs up to 10 slits per sheet (6 slits as standard + 4 slits optional). Slitter units are manually adjusted and cuts can be set via the control panel.
- The Creasing Module features a new dual creasing tool for positive and negative patterns. The DC-516 Pro comes with one creasing module and DC-516 comes standard with two creasing modules. To perform up and down creasing at the same time, a second creasing module is required.



High pile feeder with 8-belt air suction feed system



Long Conveyor handles stacking of high volume jobs



A color and user-friendly control panel stores up to 250 jobs for quick changeover



New creasing module includes a dual creasing tool with the capability to perform positive or negative patterns



DC-516 comes with two creasing modules

DC-516 & DC-516 PRO		
DC-516 Base		DC-516 Pro
✓	Creasing Module	✓
✓	2nd Creasing Module	Optional
Optional	Cutting Module	✓
Optional	Slitting Module	✓
Optional	Long Conveyor Stacker	✓



DC-516 Pro comes with one cutting module, one slitting module and one creasing module