DC-516 PRO Multi-Finisher

Duplo
from print to documents

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
Base Model	Includes 1 creasing module; all other options can be configured according to user's needs (available mid-2018)

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

DC-516 Pro shown with standard long conveyor stacker

For High Production Environments

Duplo

PDS
Print Digital Solutions

5230 Finch Avenue East, Unit 6
Scarborough, ON M1S 4Z9
(416)297-7996 • (800)608-4506
www.printdigitalsolutions.com
sales@printdigitalsolutions.com

1017A0

*H*igh 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. Available in 2018!

DC-516 BASE MODEL
Customize a solution to suit your needs. The DC-516 comes included with a creasing module only, leaving the slitting/cutting modules and long conveyor stacker as optional add-ons. The DC-516 base model will be available in early 2018.

DC-516 BASE & 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	Optional	√

- *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*
- *Coming Soon! 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
With the optional 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.

- The Cross Perforation Module performs perforations, micro-perforations, slit-scores, and strike perforations across the width of the sheet.

- The Slitting Module 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 DC-516 Pro comes included with a Slitter Module with 6 slitting tools.

- The Creasing Module features a new dual creasing tool for positive and negative patterns. Both the DC-516 Pro and DC-516 come included with one creasing module. 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

Automatic REG mark scanner compensates for image shifting in the horizontal direction

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

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