HUDSON'S GOOD *impressions*

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Printing & Graphic Arts Products, Equipment & Hints from A.E.HUDSON

March 2002

Duplo™

DocuCutter **DC-545**

See Demo at IPEX on Duplo & Xerox Stands

Popular Applications:

- **Full Bleed Trimming**
- **Brochures**
- **Annual Reports**
- **Book Covers**
- **Catalogues**
- **Greeting Cards**
- **Photographs**
- **Business Cards**
- **Flyers**
- **Posters**
- **More**

Perfect Slit, Cut and Crease Finishing Solution for Digital Colour Printing

CREASE   CREASE   SLIT

SLIT
SLIT

▶ = FEEDING DIRECTION

CUT   CUT CUT   CUT   SLIT

Digital Colour Document
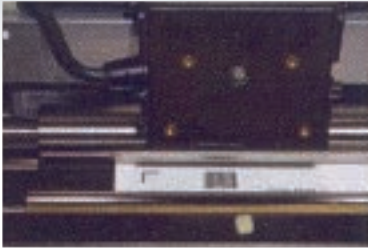
Document Finishing Requirements

Finished Documents (Creased)

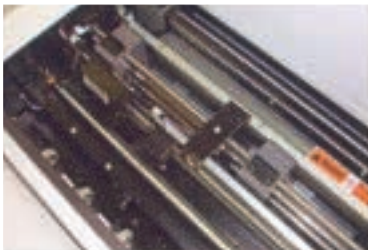# The Finishing Solution for Printed Output From Digital Colour Printers and Copiers

Duplo™
DocuCutter DC-545

- *Slit, Cut and Crease (eliminates unsightly toner cracking) in One Pass*
- *Barcode Reader That Performs Automatic Setting of Slit, Cut, and Crease Position*
- *Registration Mark Recognition for Image Shift Correction*
- *Simple Operation and User Friendly*

CCD Barcode and Registration Mark Reader

Precision Cutter and Dual Margin Slitters

Three Centre Slitters

Specifications

Speed	Up to 12 ppm
Input Paper Size	215.9 mm x 279.4 mm to 320 mm x 457.2 mm (8.5" x 11" to 12.6" x 18")
Finishing Size	Min.: 51 mm x 89 mm (2" x 3.5") - business card size
Output Paper Size	50.80 mm x 88.90 mm to 320.04 mm x 457.20 mm (2" x 3.5" to 12.6" x 18")
Lead Edge Trim	0.125 mm minimum
Trail Edge Trim	0.125 mm minimum
Side Edge Trim	0.125 mm minimum
Slit Tolerance	+/- 0.03" (+/- 0.762 mm)
Paper Weights	21 to 85 lbs (80 to 230 gsm)
Cutting and Creasing Tolerance	+/- 0.02" (0.5 mm)
Power Requirements	120/240 V, 50/60 HZ, 2.1 Amp
Machine Dimensions	In Storage: 23.2"(W) x 22.2"(D) x 13"(H) In Use: 51.2"(W) x 22.2"(D) x 11.8"(H)
Weight	56.25 kg (124 lbs)
Additional Features	80 job memories, LCD display, image shift correction and barcode
Status Indicator	Jam, safety cover open and out-of-paper detection
Slitters	Two margin and three centre

Optional Auto Feeder

Feeding Method	Air suction belt feeder
Feed Capacity	135 mm (5.3")

* Specifications subject to change

Digital colour documents need professional finishing to prevent the unattractive white borders and toner cracking that occurs wherever they are folded.

The Duplo DocuCutter has the ability to automatically slit, cut, and crease a document in one pass, making it the ideal finishing solution for the short-run on-demand market. It allows users to quickly and easily produce professionally finished, full-bleed documents by simply loading a sheet!

The DocuCutter DC-545 makes it easy and economical to produce a wide variety of applications including: business cards, greeting cards, invitations, brochures, catalogues, posters, book covers, photographs and more.

A barcode reader not only enables the system to recall pre-programmed jobs, thus providing a fully automatic slitting, cutting, and creasing solution, but will also read a registration mark ensuring precise output every time. The DC-545 will compensate for image shift from start to finish.

The easy to use DocuCutter features an LCD control panel that guides the user through the set-up of the slit, cut, and crease positions. And with 80 memory settings, there is plenty of storage for commonly used jobs.

In addition, the optional auto feeder will continuously feed sheets, which provides a highly productive slitting, cutting, and creasing solution.

Duplo Corporation is represented in Australia by A.E. Hudson Pty Ltd.

Scales for Ink Mixing

Wedderburn Digital Benchtop scales make mixing PMS colours a breeze.

The Wedderburn Digital scales have an easy-to-read liquid crystal display and a weighing platform made of durable, easy-to-clean, stainless steel.

The scales have a capacity of 5 kg in increments of one gram.

Wedderburn Digital Scales - 5 kg

$399.00* per unit

Order Code 275-220

The unit has a tare function **with a re-zero capability**. This feature makes short work of mixing a specific colour.

For example, to print a job that requires one kilo of Pantone 186 red:

1. *Place a metal mixing plate on the scales. Press button to re-zero.*
2. *Dispense 739 grams of warm red. Press button to re-zero.*
3. *Dispense 246 grams of rubine red. Press button to re-zero.*
4. *Add 15 grams of Pantone black.*
5. *Remove plate from scales and thoroughly mix in the usual manner.*

* Bonus until 30 April 2002: receive a free VAN SON fan book, TOP 100 PANTONE COLOURS, with your order from Hudson's.

Reliable Press Chemistry

ABW-2010*

A General Purpose Blanket & Press Wash

ABW-2010* is a highly effective and efficient blanket wash that is fully water miscible, forming highly stable emulsions with up to 50% of water. As a water mix it will not only remove ink but will also remove gums and paper pile caused by a build up of paper coating and paper fibre on the blanket.

- *Less greasy than some other water miscible washes.*
- *Non red label flammability (flash point 64°C).*
- *Non regulated under UN regulations, emergency procedures (EPG) & packaging groups.*

FBW-2010*

Fast Blanket and Roller Wash

FBW-2010* is a fast, efficient and highly effective blanket and roller wash designed for use on all types of machines and on all blankets and rollers.

It will not cause swelling or delamination of blankets and will not damage the rubber or blankets.

When used regularly, FBW-2010* will impede glazing of blankets and rollers, maintaining them in a clean, matt condition aiding their ink transfer properties.
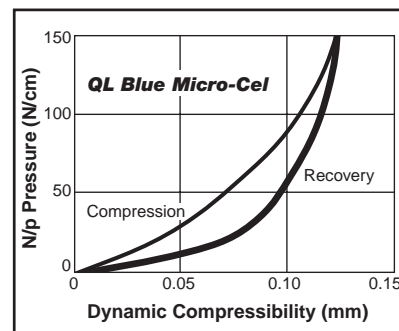
DRL-2010*

Dry Run Lubricant

DRL-2010* forms a thin lubricating film over all inking surfaces throughout the roller train and guards the roller ends during running.

It protects rollers from friction damage and heat build-up on units running without ink. Treated rollers remain ink receptive.

The non-drying film protects stored rollers from dirt, moisture and oxidation for very long periods.

DRL-2010* will not affect the ink drying, gloss or colour when used as directed and cleans up quickly with normal press wash.

RED HOT SPECIALS

PANTONE® Formula Guide Printed on **Matte Coated Stock** with 147 Additional Colours

GREAT BUY

Complete package from **Hudson's**

PACK PRICE
~~**$135.00**~~*

PAY ONLY
$85.00*

Only while stocks last

Order code 265-8030

Features of the Matte Guide include:

- A section of 147 new designer-inspired colours
- Seven new exciting polymetallic colours
- All 1,114 solid PANTONE® colours printed on brighter matte coated stocks
- Contains lithographic ink mixing formulas for every colour including the 147 additional colours
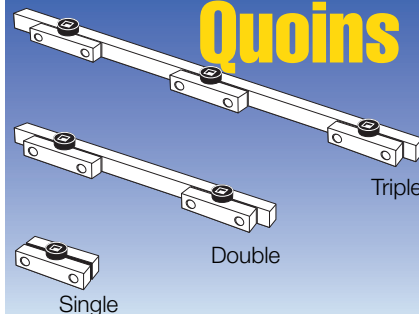- Icon (::) on colours achievable in CMYK

Plus **Colour Systems Update**

Included in the package is a CD-ROM with instructions for using the new colours in desktop applications.

All trademarks noted herein are either the property of Pantone, Inc. or their respective companies Pantone, Inc. 1997.

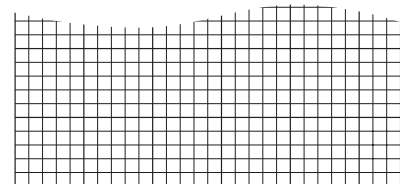### YOU WILL NEVER BUY A PMS GUIDE CHEAPER!

Letterpress Quoins

Triple

Double

Single

Buy **6** <u>single</u> for **$99.00***
usually ~~$29.50~~* ea **SAVE $78.00***

Buy **4** <u>double</u> for **$99.00***
usually ~~$39.50~~* ea **SAVE $59.00***

Buy **2** <u>triple</u> for **$69.00***
usually ~~$45.00~~* ea **SAVE $21.00***

Single - Order Code: 260-001-S
Double - Order Code: 260-002-S
Triple - Order Code: 260-003-S

Square-up Graph on Film

Large 1000 mm x 750 mm size with 2 mm scale. Heavier lines each 10 mm. Black image on 0.175 mm thick polyester stable film.

Usually $54.95*

Special **$35.00*** each

Order Code: 275-G100-75-2

RED HOT BONUS

Receive a **free Hudson typesize gauge** when you place an order for any special shown on this page (until 30 April 2002).

HUDSON TYPESIZE GAUGE: Made of clear polyester film (0.007") the gauge is 240 mm x 100 mm. With capital Es from 6 point to 72 point and leading scales for 6, 7, 8, 9, 10, 11, 12 and 14 point type, making this gauge a must for graphic artists, typographers, typesetters and anyone concerned with marking-up type.

Trade Price: $6.85* Each   Order Code: 275-009

* All prices are plus GST

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