

DC-445 DuCreaser - creasing for digital colour print

Feeder

Capacity
Type
Speed

100mm (exit tray 110mm)
Top feed / Belt suction
A4 SEF (1 crease) @ 50 sheets/minute
A4 SEF (2 creases) @ 31 sheets/minute
A3 SEF (1 crease) @ 39 sheets/minute
A3 SEF (2 creases) @ 29 sheets/minute
A4 LEF perforate or slit only @ 92 sheets/minute

Input Paper Size

Minimum
Maximum

140mm wide x 150mm long
320mm wide x 650mm* long
**460mm is standard. For longer sheets an optional feed tray is required*

Input Paper Weight

Minimum
Maximum

Nominally 110gsm
Nominally 350gsm
Paper curl within +/- 3mm
Uncoated paper, coated paper, laminated paper

Paper Type

Creaser

Number
Crease Depth Adjustment
Tolerance

Up to 15 creases per document across the paper direction
3 steps (from control panel)
+/- 0.3mm

Programmable

Memories
Machine Options
Minimum Repeat Distance

30
Perforators (15 teeth/inch), Slitters, Air Knife, Double Detection, Long Paper Tray, Cabinet
0.1mm

Power Supply

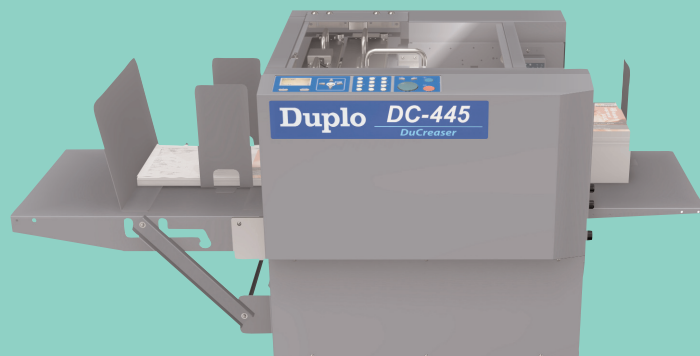
Voltage
Current

230V AC, 50Hz, power consumption 160W
0.6 A

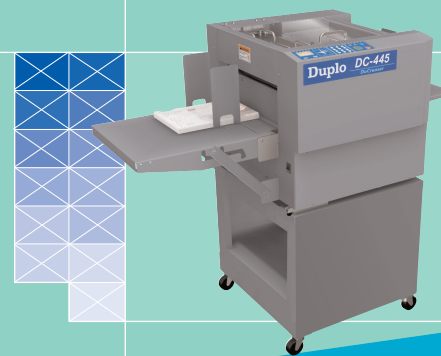
Machine Dimensions

Length
Width
Height
Weight

1262mm
618mm
573mm (1090mm with optional cabinet)
79Kg (114Kg with optional cabinet)



Duplo™ Duplo™



DC-445 DuCreaser

creasing for digital colour print

automatic creasing
perforating and slitting options
applications include:
greeting cards, postcards, leaflets, cd/dvd inlays,
brochures and point of sale materials



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.

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Duplo has a policy of continuous improvement
and reserves the right to amend the above
specifications without prior notice



Duplo™



DC-445 DuCreaser

creasing for digital colour print

unique, innovative, multi-function

The DC-445 DuCreaser is a fully automated, highly productive, programmable creasing solution for the short-run digital colour market



The feed tray offers a 100mm deep capacity, which combined with a top-feeding process offers great productivity. An air knife can be added for stocks with particularly high static.



Up to 15 creases per sheet. Optional perforating and slitting modules can also be added to the DuCreaser providing an extended range of possible applications.



The touch panel display guides the operator through the job set-up. 30 jobs can be easily programmed, stored and recalled.



The 110mm exit tray is fully adjustable, stacking finished items for neat and tidy collection.

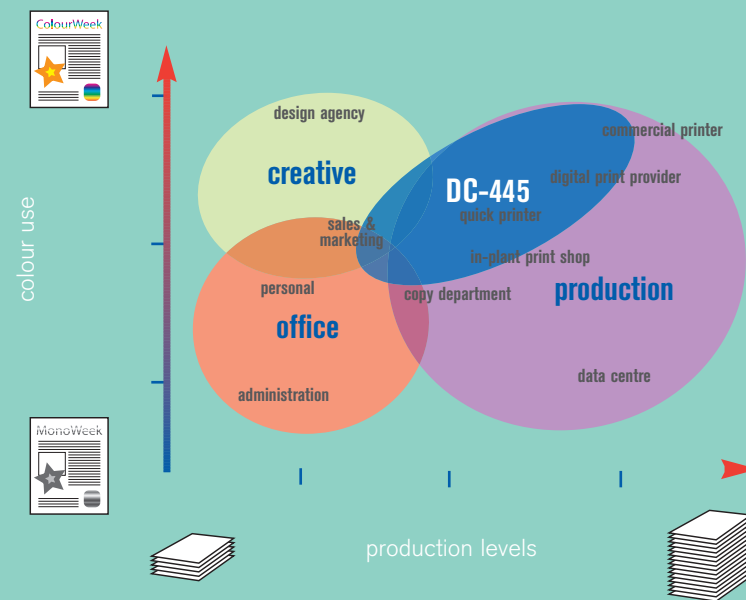
The DC-445 DuCreaser is specifically designed to meet the needs of the short-run digital colour print market, providing a creasing solution for the problem of toner/ink cracking which results when digitally printed work is folded.

Offering high speeds, full automation, simple programming and up to 30 memories, it provides a highly productive solution for the creative finishing of a range of digitally produced promotional and direct mail items including flyers, leaflets, brochures, CD covers and greetings cards.

The DuCreaser is also equally suited to finishing offset printed card or laminated stocks.

The perfect solution whatever your print engine

The DuCreaser has been designed to economically match environments with 30-80ppm digital printers, however at operating speeds of up to 50 sheets per minute it is equally capable of handling rated output from 110ppm digital printers as well.



Applications

The DuCreaser provides a creasing solution for a wide range of applications;

- Greetings cards
- 2-fold / 3-fold leaflets
- Brochures
- Book covers
- CD/DVD covers
- Menus
- Flyers and Mailers

Perforating options can extend the DuCreaser's capability further, offering high speed perforating for coupon type applications. Likewise slitting options provide a simple solution for applications such as CD covers where a finished size of 120mm is needed.

Reliable feeding

An automatic suction feeder ensures the consistent delivery of sheets into the machine with no risk of marking. In case of digital stocks with a high level of static, an optional air knife can further assist with sheet separation and feeding.

An optional ultrasonic double feed detector ensures only one document will ever be processed at a time with any misfeeds easily retrievable and undamaged.

A professional finish

Up to 15 creases can be placed along the sheet. These can be adjusted in 0.1mm increments ensuring a high degree of positioning accuracy. An extremely high level of consistent accuracy during any production run is also assured with a tolerance of +/- 0.3mm. Furthermore, the creasing tool can be automatically adjusted up or down to three possible positions to accommodate different stock thicknesses and provide the best finish.

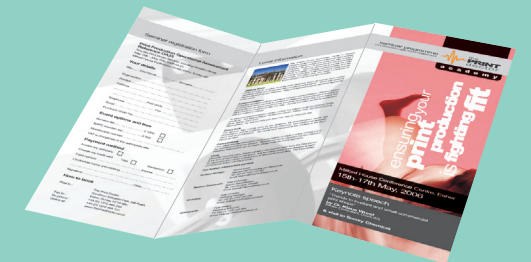
Skew and shrinkage allowances are two operator adjustments which can help to compensate for possible issues arising when the digital printer generates the image on the paper.

High productivity

The 100mm feed pile height is complementary to the rated speed and minimises any re-load time. The combination of this capacity along with the top feeding design, means the machine offers exceptional productivity, allowing the operator to perform other tasks while the DuCreaser gets on with the job.

User Friendly

The DuCreaser uses simple step-by-step set-up, assisted by illustrations on the LCD screen which guide the operator seamlessly through the process. Up to 30 jobs can be programmed and stored, providing high productivity with easy recall.



an innovative solution for finishing digital print

Duplo offer a wide range of digital print finishing solutions for creasing, cutting, slitting, scoring and perforating. Please ask for further details.