Specifications

Dimensions: (LxWxH)	1262 × 618 × 573 mm (1090 with optional cabinet)
Weight:	79 kg (114 kg with optional cabinet)
Power suppy:	230V AC, 50Hz, power consumption 160W, 0.6A
Input Paper Size:	140 × 150 mm Min. 330 mm × 670 mm Max. For sheets longerthan 460mm an optional feed tray is required
Input Paper Weight:	110 gsm Min. 350 gsm Max. Paper curl within +/- 3mm
Paper Type:	Uncoated paper, coated paper, laminated paper
Feeder Capacity:	100mm (exit tray 110mm)
Feeder Type:	Top feed / 8 Belt suction

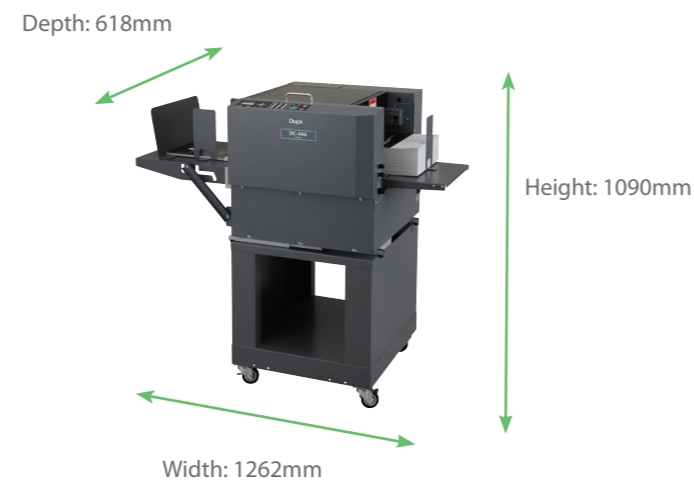|	
Feeder Speed:	A4 SEF (1 crease) @ 60 sheets/minute A4 SEF (2 creases) @ 31 sheets/minute A3 SEF (1 crease) @ 39 sheets/minute A3 SEF (2 creases) @ 29 sheets/minute A4 LEF perforate or slit only @ 92 sheets/minute
Number of Creases:	Up to 20 creases per document across the paper direction
Crease Depth Adjustment:	3 steps (from control panel)
Tolerance of creaser:	+ / - 0,3 mm
Memories:	30
Minimum Repeat Distance:	0,1 mm
Options:	Perforators (15 teeth/inch), Slitters, Air Knife, Double Detection, Long Paper Tray, Cabinet

Duplo®
from print to documents

DC-446

CREASING FOR DIGITAL COLOUR PRINT

Automatic creasing
Perforating and slitting options
High productivity deep pile feeder

Greeting Cards, Postcards, Leaflets, CD/DVD Inlays, Brochures, Book Covers and Point of Sale Materials

Depth: 618mm

Height: 1090mm

Width: 1262mm

Ref: DC445/01/11

The DC-446 is a fully automated, highly productive, programmable creasing solution for the short-run digital colour market

Applications
The DC-446 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 DC-446'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.
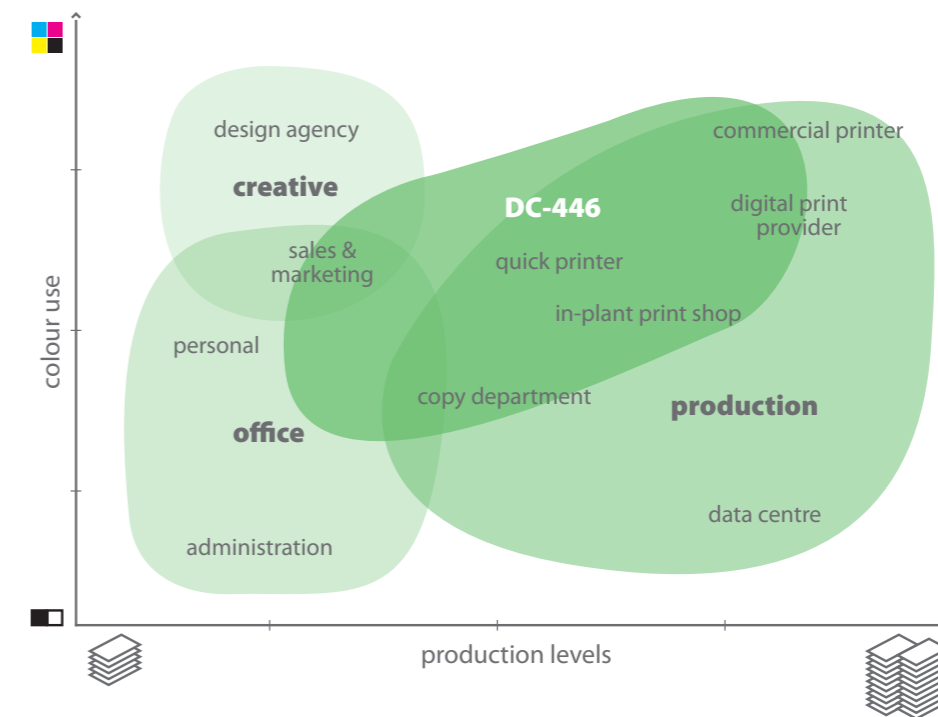
AMS air management system

Reliable feeding
An automatic suction feeder with switable belts, 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 20 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 DC-446 gets on with the job.

User Friendly
The DC-446 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.

Options
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.

design agency

creative

commercial printer

DC-446

digital print provider

sales & marketing

quick printer

personal

in-plant print shop

copy department

production

office

data centre

administration

colour use

production levels

Switchable 4 or 8 belt feeding

exit tray

Benefits of creasing