



XANTÉ

ILUMINA
DIGITAL COLOUR PRESS



Awarded 5-Star rating by Macworld UK

**Finalist 2006 Macworld awards,
Editors' Choice: Print Imaging Category**

If you're looking to compete in the print-for-pay market today, the ILUMINA DIGITAL COLOUR PRESS is exactly what you need to deliver print-on-demand copies on heavy stock for all types of printing jobs.

The Ilumina handles a wide range of paper weights from 75 g/m² to 502g/m² and sizes up to 327 mm x 1200 mm maximum. It runs all types of jobs including: Premium Four Colour Business Cards, Postcards, Invitations, Brochures, Certificates, Variable Data Imaging.



keyprint

Exclusively

XANTÉ

Partners

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**Prints on
502 gsm**

Heavy Paper

The Ilumina Digital Colour Press handles a wide range of paper weights from 64g/m² to 427g/m². The Ilumina runs all types of jobs from premium 4-colour business cards, postcards, direct mail pieces, brochures, to in-store signage.

Zero Make-Ready

The Ilumina is a true "on-demand" colour printing solution. The first sheet off the Ilumina is ready to use with zero make-ready. Reduce paper waste and setup time to almost zero.

Color Management

The Ilumina comes standard with colour management controls. The print driver provides an easy path to control colour through ink simulations, colour matching modes, and colour profiles.

Productivity

Built to run like a press. Producing 2,000 A4 sheets at 4/0 and 1,000 A4 sheets at 4/4 per hour. You obtain maximum productivity with minimum investment.

Adobe PostScript 3

At the core of the Ilumina is the Adobe PostScript 3 internal RIP. This easy-to-use RIP takes any job, from a Mac or PC, and captures all of the image data to ensure the best quality print.

Multi-bit Colour

Uses multi-bit colour to ensure spectacular colour quality. This approach to colour printing creates 32 shades (levels) for every process colour. With multi-bit colour every detail is captured in vivid colour.

Single Pass Imaging

Equipped with single pass imaging to benefit your overall workflow. CMYK colour imaging heads works in tandem to transfer the image directly to the sheet in one pass, just like a 4-colour traditional press.

Automatic Colour Calibration

Built-in colour densitometer to check the ink density while the job is running. This continuously monitors image quality and will make the required adjustments to consistently produce high quality output. You will get incredible colour consistency from first to last print, and no surprises on repeat print jobs.

**No more film • No paper waste • Quick turnaround
Brilliant quality prints • More satisfied clients**

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Dimensions:	655 x 620 x 462 mm (W x D x H)
Weight Without options:	approx. 73 kg
Print speeds:	36 ppm color, 40 ppm monochrome; on 80 gsm bond paper
Resolution:	1200 x 600 dpi
Emulations:	PCL 5c, PCL XL 2.1, PostScript3
Memory:	512 mb standard, expandable to 1 gb maximum
Interfaces:	10/100BaseT, USB 2.0, Parallel
Hard drive standard:	20GB
PostScript Printing:	True Adobe® PostScript® 3™
Print method:	CMYK - LED technology
Web Browser:	Easy to use web interface
Duplex Unit:	Standard
Power requirements:	230 volt, 50 Hz ± 2Hz
Power consumption Operating:	1,500 W max. - 750 W typical; Standby: 1,300 W max. - 200 W typical; Power save: <45 W
Operating environment:	50 - 90° F/20 - 80% RH; Off: 32 - 110° F/10 - 90% RH
Noise level Operating:	53 dBA maximum; Standby: 40 dBA maximum; Power save: 40 dBA maximum after 30 minutes



OPERATION

Paper

Paper input Trays 1 - 5: (ships standard with 1 tray)	530 sheets each 75 - 216 gsm A5 (105mm x 148mm up to tabloid (305mm x 457mm) each or , Multi-purpose tray: 200 sheets 80 gsm, 76 x 127mm up to 328 x 1200mm
Paper weight:	75 - 427 gsm
Paper output:	Face-down stacker: 500 sheets; Face-up stacker: 250 sheets 80 gsm bond
Duplexing Standard:	75 - 120gsm paper only
Paper types:	Bond, Linen, Transparencies, Adhesive Label, certain types of coated art, magnetic media

Features

- Print up to 502 g/m²
- 2,000 Sheets Per Hour
- Multi-Bit Technology
- Adobe® PostScript® 3™
- Single Pass Colour full Colour
- Automatic Colour Calibration



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