



digital print solutions
(scotland) limited

HP Indigo Press 5000 Workflow

The HP Indigo Press 5000 is a 5 unit, sheet-fed digital offset press incorporating liquid ink technology and high speed electronic imaging to produce high quality, full colour print jobs. The press performs this process without the need for film separations or printing plates. Jobs are sent to the Indigo Press RIP from a network station, data sent either as Postscript or PDF files. The Press RIP converts this data to bitmap information, and then transfers this data to the press ready for printing.

Print benefits from the HP Indigo Press 5000

The Digital Colour process of the Indigo 5000, combined with the fine pigmentation and chemical properties of ElectroInk, produces printed colour that is both brilliant and more subtle than output by dry toner printers. In addition there is the option to print a fifth colour or matt varnish.

Sharp images and type

Jobs can be printed with different screen rulings. The higher the screen ruling, the better the rendering of detail. Screen rulings range from Sequin – average 144lpi, to HDI 200lpi. This achieves sharp type and process colour dots enhancing printed material, sharper than dry toner printers, and even sharper than conventional offset lithography.

Fast turnaround, lower costs

With the elimination of the need for film separations, plates and make-ready, turnaround times are vastly reduced and costs associated with these processes are eliminated. Last minute design changes can be made without incurring additional costs.

Personalisation

Full colour personalisation gives designers the ability to incorporate variable text and images from sheet to sheet during the print run. Each sheet can therefore be tailored to an individual or a group.

Duplex options

The HP Indigo Press 5000 can be set up to print Duplex-2 sides. This is achieved by the instant drying facility on the press.