HP INDIGO PRESS 5500

The productive digital solution with offset look and feel, as well as true photo quality

The HP Indigo press 5500 delivers unmatched quality, reaches higher levels of productivity, and achieves greater profitability—the keys to success in a digital world. Capable of printing over two million colour pages or more than five million monochrome pages per month, the HP Indigo press 5500 is a truly universal production device.

Unmatched print quality. The HP Indigo press 5500 combines the look and feel of traditional offset with genuine photo quality. Digital output has never looked so professional, with features such as:

- Superior HP ElectroInk liquid ink technology
- Wide colour gamut, with up to 7-colour printing
- Robust colour management with HP Professional PANTONE® emulation and ICC profiles
- Special and spot colour capabilities, including photo inks—light cyan and light magenta, HP Indigo Digital Matte, and brand colours
- GRACoL® and Fogra certified for offset proofing
- High definition dot placement technology enables 1219 dpi and zero dot gain for superior line work and micro text printing
- Photo colour tables
- Best-in-class colour accuracy and consistency

Maximum productivity and versatility. The HP Indigo press 5500 offers exciting features that help you make your busy workday more productive.

- Supports 68 ppm full colour, 136 ppm in 2-colour, and 272 ppm monochrome in one press, regardless of media type or thickness
- Continuous printing with multi-feeders and stackers, seamless switching between jobs, proofs, and media types
- Adjustment-free, minimum-touch paper handling
- Fast and efficient printing operations allow for a single operator to run two machines simultaneously

Print profitably. The HP Indigo press 5500 is a complete solution designed to help you increase margins by offering:

- Extensive automation, to reduce operator involvement
- Support of a wide range of coated and uncoated substrates, including specialty media
- On-press Fast Ink Replacement (OFIR) system, which reduces ink replacement downtime when changing colours on-press
- Extendable workflow environment through HP SmartStream products and partners
- Oil recycling system, which reduces the oil consumption and waste

Additional options for the HP Indigo press 5500. The versatility of the press has been extended with optional enhancements:

- White ink option kit enables you to use a larger variety of specialised substrates, such as transparent, metallic, and coloured media for a wide range of unique applications.
- Additional paper feed unit, adding three drawers (5400 sheets) enabling a greater range of substrates in the press and reducing reload frequency for long production runs.
- Support for thick substrates up to 460 microns, enabling a greater application range.

Opening new opportunities for folding carton applications. By combining the power of our HP SmartStream Labels and Packaging Print Server, Powered by EskoArtwork and the thick substrate kit you can produce high-value folding carton applications in fast turnaround times and quantities that meet your needs.

To learn more, visit www.hp.com/go/graphic-arts or www.hp.com/go/myhpindigoweb

Digital Printer Shoot-Out DIMA 2010 WINNER

PANTONE® Digital Color

Technical Specifications

Printing speed	68 four-colour A4 images per minute (two-up); 136 two-colour A4 images per minute (two-up); 272 full monochrome A4 images per minute
Image resolution	812 and 1219 dpi at 8 bit, addressability: 2438 X 2438 dpi HDI (High Definition Imaging)
Line screens	144, 160, 175, 180, 230 lpi
Paper format	330 x 482 mm maximum
Image format	317 x 450 mm
Paper weight*	Coated: 80 to 350 gsm; Uncoated: 60 to 320 gsm cover; Thickness: 70 to 400 microns (optional up to 460 microns)
Paper input system	Four drawers: Three drawers with 180 mm depth each (1800 sheets of 120 gsm each) One special jobs drawer: 70 mm (700 sheets of 120 gsm) A total of 6100 sheets of 120 gsm all paper drawers support full range of substrates
Paper output system	Autoduplex/autoperfecting standard Main stacking tray with 600 mm stack height, with job offset stacking (6000 sheets of 120 gsm text) Proof tray with 60 mm stack height (600 sheets of 120 gsm text)
Press dimensions	Height: 2074 mm; Width: 3952 mm; Depth: 2282 mm
Press weight	2670 kg
On–board Print Server	HP Press Production Manager
Supported formats and standards	Postscript Level 1,2,3 PDF 1.7, PDF/X-1a:2001, PDF/X-3:2002, PDF/X-3:2003, PPML/T, JLYT/SNAP, GIF, TIFF 6.0, JPEG, EPS, PPML 2.1, JDF 1.2
HP Indigo inks:	
Standard 4-colour printing	Cyan, magenta, yellow, and black
HP IndiChrome 6-colour printing	Cyan, magenta, yellow, black, orange, and violet
HP IndiChrome 6-colour photo printing	Cyan, magenta, yellow, black, light cyan, and light magenta
HP Indigo special effect inks	HP Indigo Digital Matte, HP ElectroInk White
PANTONE® colours	• PANTONE®-licensed HP IndiChrome on-press 6-colour printing using CMYK as well as orange and violet • PANTONE®-licensed HP IndiChrome off-press Ink Mixing System, for spot colour creation, using CMYK as well as orange, violet, red, green, blue, bright yellow, and transparent • HP Professional PANTONE® Emulation Technology (PANTONE®-licensed CMYK values for 4-colour PANTONE® simulation, utilising ICC profiles to provide optimised simulation values for the specific press and media combination)
Offset proofing	GRACoL® and Fogra certified
Optional equipment /configurations:	
Expanded colours capabilities	5th, 6th, and 7th colour printing; HP Indigo Ink Mixing System
White ink option kit	Enables the use of HP ElectroInk White for a wide range of applications, such as point of purchase, displays, direct mail, and many more
Thick substrate support kit	Supports paper board printing up to 460 microns, enables high quality, on-demand, short-run cost-effective folding carton printing application
Print servers (DFEs)	HP SmartStream Production Pro Print Server; HP SmartStream Production Plus Print Server, Powered by Creo; HP SmartStream Labels and Packaging Print Server, Powered by EskoArtwork
Additional feeding unit	One addtional feeding unit with a capacity of 3 x 1800 sheets of 120 gsm
Additional stacking unit	Up to three additional stacking modules, each with capacity of 6000 sheets of 120 gsm. Multiple stackers allow true continuous printing (unloading while printing)

*Media characteristics vary. If the media you are about to use is not listed in the Media Locator, HP cannot guarantee performance and we recommend that you test it prior to use.

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