



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 color 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 offers 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 color gamut, with up to 7-color printing
- Robust color management with HP Professional PANTONE® emulation and ICC profiles
- Special and spot color capabilities, including photo inks—light cyan and light magenta, digital matte and brand colors
- GRACol® and Fogra certified for offset proofing
- High definition dot placement technology enables 1219 dpi and zero dot gain for superior line work and microtext printing
- Photo color tables
- Best-in-class color 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 color, 136 ppm in 2-color 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 colors 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 specialized substrates, such as transparent, metallic, and colored media for a wide range of unique applications.
- Additional paper feed unit, adding 3 drawers (5400 sheets) allowing greater range of substrates in the press and reducing reload frequency for long production runs.
- Support for thick substrates up to 18 points, allowing greater application range, including folding carton jobs.
- Inline connection to HP Indigo UV Coater, streamlining production and reducing process handling and overhead costs.

To learn more, visit www.hp.com/go/graphicarts or www.hp.com/go/myhpindigoweb



Technical Specifications

Printing speed	68 four-color 8.5 x 11 in images per minute (two-up); 136 two-color 8.5 x 11 in images per minute (two-up); 272 full monochrome 8.5 x 11 in images per minute (two-up on 12 x 18 in sheets)
Image quality	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	13 x 19 in
Image format	12.48 x 17.7 in
Paper weight	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 120 lb cover; Thickness 3 to 16 pt (up to 18 pt optional)
Paper input system	Four drawers: Three drawers with 7 inch depth each (1,800 sheets of 80 lb text each) One special jobs drawer: 2.5 inch (700 sheets of 80 lb text) A total of 6100 sheets of 80 lb text all paper drawers support full range of substrates
Paper output system	Autoduplex/autoperfecting standard Main stacking tray with 23.6 in stack height, with job offset stacking (6000 sheets of 80 lb text) Proof tray with 2.36 in stack height (600 sheets of 80 lb text)
Press dimensions	Height: 81.7 in; Width: 155.5 in; Depth: 89.8 in
Press weight	5886 lb
On-board Print Server	HP Press Production Manager
Supported image formats and standards	Postscript Level 1,2,3, PDF 1.7, PDF/X-1a:2001, PDF/X-1a:2003, PDF/X-3:2002, PDF/X-3:2003, TIFF 6.0, JPEG, EPS, PPML 2.1, JLYT
HP Indigo inks:	
Standard 4-color printing	Cyan, magenta, yellow, and black
HP IndiChrome 6-color printing	Cyan, magenta, yellow, black, orange, and violet
HP IndiChrome 6-color photo printing	Cyan, magenta, yellow, black, light cyan, and light magenta
HP Indigo special effect inks	HP Indigo Digital Matte, HP ElectroInk White
PANTONE® colors	<ul style="list-style-type: none"> • PANTONE-licensed HP IndiChrome on-press 6-color printing using CMYK as well as orange and violet • PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot color 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-color PANTONE® simulation, utilizing ICC profiles to provide optimized simulation values for the specific press and media combination)
Offset proofing	GRACol® and Fogra certified
Optional equipment /configurations:	
Expanded colors capabilities	5th, 6th, and 7th color 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 18 pt., enables high quality, on-demand, short-run, cost-effective folding carton printing application
Inline Conveyor to HP Indigo UV Coater	Streamline coating operation for high-volume application-specific production
Print servers (DFEs)	HP SmartStream Production Pro Print Server, HP SmartStream Production Plus Print Server, Powered by Creo
Additional feeding unit	One additional feeding unit with a capacity of 3 x 1800 sheets of 80 lb text
Additional stacking unit	Up to three additional stacking modules, each with capacity of 6000 sheets of 80 lb text Multiple stackers allow true continuous printing (unloading while printing)

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