



## 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 three 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, 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](http://www.hp.com/go/graphic-arts) or [www.hp.com/go/myhpindigoweb](http://www.hp.com/go/myhpindigoweb)



# Technical Specifications

<b>Printing speed</b>	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)
<b>Image resolution</b>	812 and 1219 dpi at 8 bit, addressability: 2438 X 2438 dpi HDI (High Definition Imaging)
<b>Line screens</b>	144, 160, 175, 180, 230 lpi
<b>Paper format</b>	13 x 19 in maximum
<b>Image format</b>	12.48 x 17.7 in
<b>Paper weight*</b>	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)
<b>Paper input system</b>	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
<b>Paper output system</b>	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)
<b>Press dimensions</b>	Height: 81.7 in; Width: 155.5 in; Depth: 89.8 in
<b>Press weight</b>	5886 lb
<b>On-board Print Server</b>	HP Press Production Manager
<b>Supported image formats and standards</b>	Postscript Level 1,2,3 PDF 1.7, PDF/X-1a:2001, PDF/X-3:2002, PDF/X-3:2003, PPML/T, JLT/SNAP, GIF, TIFF 6.0, JPEG, EPS, PPML 2.1, JDF 1.2
<b>HP Indigo inks:</b>	
<b>Standard 4-color printing</b>	Cyan, magenta, yellow, and black
<b>HP IndiChrome 6-color printing</b>	Cyan, magenta, yellow, black, orange, and violet
<b>HP IndiChrome 6-color photo printing</b>	Cyan, magenta, yellow, black, light cyan, and light magenta
<b>HP Indigo special effect inks</b>	HP Indigo Digital Matte, HP ElectroInk White
<b>PANTONE® colors</b>	<ul style="list-style-type: none"> <li>• PANTONE-licensed HP IndiChrome on-press 6-color printing using CMYK as well as orange and violet</li> <li>• 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</li> <li>• 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)</li> </ul>
<b>Offset proofing</b>	GRACoL® and Fogra certified
<b>Optional equipment /configurations:</b>	
<b>Expanded colors capabilities</b>	5th, 6th, and 7th color printing; HP Indigo Ink Mixing System
<b>White ink option kit</b>	Enables the use of HP ElectroInk White for a wide range of applications, such as point of purchase, displays, direct mail, and many more.
<b>Thick substrate support kit</b>	Supports paper board printing up to 18 pt., enables high quality, on-demand, short-run, cost-effective folding carton printing application
<b>Print servers (DFEs)</b>	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
<b>Additional feeding unit</b>	One additional feeding unit with a capacity of 3 x 1800 sheets of 80 lb text
<b>Additional stacking unit</b>	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)

\*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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