



HP Indigo Press 5500

Overview

The HP Indigo press 5500 is a new, advanced digital press model that offers exceptional, profit-enhancing improvements to HP's flagship platform, the HP Indigo press 5000. The 5500 enhances utilization and reduces operating costs for high productivity and profit potential.

Improvements on the HP Indigo press 5500 include near-zero downtime on spot color ink replacement for optional 5th, 6th and 7th color stations, expanded range of supported media, and resolution enhancement technology for higher-resolution imaging of up to 1,200 dots per inch (dpi).

Designed for the production of marketing collateral, direct mail, photo specialty products, books and manuals – including higher-volume production in centrally controlled, multiple-press environments – the HP Indigo press 5500 delivers the offset look and feel afforded by HP Indigo technology and liquid HP ElectroInk.

An optional photo package of solutions for the HP Indigo press 5500 enables near-silver halide quality using software tools to automatically detect and correct images in need of sharpening and smoothing, combined with the six-color photo imaging featuring light cyan and light magenta HP ElectroInks.

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Key features and benefits

- Enhanced productivity with higher duty cycles: capable of printing more than 1.5 million color pages or more than 5 million monochrome pages each month;
- Increased reliability with more than 50 engineering improvements;
- New paper feeding unit offers enhanced paper handling and increased media gamut;
- Cost-effective media selection with support for an expanded range of economical off-the-shelf media, including leading brand standard offset uncoated papers;
- Support for larger 13" x 19" media;
- Ability to print on all media within specifications at rated speeds;
- Enhanced utilization of spot-color capabilities with fast-ink replacement for optional 5th, 6th and 7th color stations, virtually eliminating downtime when switching colors;
- State-of-the-art color management with 4- and 6-color Pantone emulations and ICC

profiling;

- Higher-quality printing with new high-definition dot placement technology enabling 1200 dpi imaging and solid linework thinning;
- Near-silver halide quality imaging with new photo color tables, light cyan/light magenta inks and optional HP Indigo Photo Enhancement Server;
- Optional HP Indigo photo package: a complete solution option to support high volume production to create the highest quality photo specialty products;
- Liquid electrophotography technology and up to seven-color printing for the look and feel of offset and a wider color gamut.

Technical specifications

- Speed: up to 68 pages per minute (ppm) in four-color mode or 272 ppm in single-color mode. Any drawer accommodates any substrate within specifications at full speed.
- Color stations: up to seven colors. Accommodates four-color process (CMYK), six-color HP IndiChrome (CMYKOV), and six-color photo (CMYKcm) photo imaging, as well as custom-mixed HP ElectroInks.
- PANTONE Colors: PANTONE licensed for 4-color and HP IndiChrome 6-color printing
- Image size: up to 317mm x 450mm (12.5" x 17.7")
- Media size: 330mm x 483mm (13" x 19")
- Media thickness: 80-350 gsm (55 lbs. text – 130 lbs. cover) coated, 60-320 gsm (40 lbs. text – 120 lbs. cover) uncoated
- Supported formats and standards: Postscript level 3, PDF 1.6, PPML, JLYT, TIFF, JPEG, EPS

Options and accessories

- HP 5, 6 and 7-color printing
- Up to 4 additional stackers
- HP Ink Mixing Station
- Digital matte ink
- HP Indigo Photo Enhancement Server: a server solution that automatically detects and corrects images in need of sharpening and smoothing for high-quality photographic output
- HP Indigo RIP Expansion Rack: an off-press hardware and software solution that dramatically increases the raster image processor (RIP) capabilities
- HP Indigo Production Manager: an off-press digital front end (DFE) for HP Indigo commercial presses that provides high-performance processing for large and

complex jobs and central management of multiple press environments

- HP Indigo Production Stream Server, Powered by Creo: a robust DFE that addresses the demanding workflow needs of the commercial print service provider
- HP Indigo Scalable RIP Solution: a high-volume, photo merchandise RIP solution that provides high-performance processing and automates workflow and production tracking

Availability

The HP Indigo press 5500 is expected to be available in June 2007 in North America; Europe, the Middle East and Africa; Australia and New Zealand; followed by a phased roll-out in other countries and regions.

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