



The HP Indigo press 5500 is the new flagship product extending the success of the market leader HP Indigo press 5000

For general commercial printers, digital service providers, photofinishers, book printers and direct mail houses with more than \$2 million annual revenue and an AMPV of more than 250,000 short run, or VDP colour pages, who are looking for a high quality digital production device that is capable of printing in excess of 1.5 million colour pages or 5 million monochrome pages a month, and can be integrated into a multiple press environment.

Offset look and feel and photo quality

- Widest colour gamut with up to 7-colour printing
- Special and spot colour capabilities, including new photo inks – light cyan and light magenta, digital matte and brand colours
- Robust colour management with HP Professional PANTONE emulation and ICC profiles
- New photo colour tables
- Up to 1200 DPI RIP with resolution enhancement technology

Enhance productivity

- 68 ppm full colour and 272 ppm mono in one press regardless of media type
- Continuous printing with multi drawers and stackers, seamless switch between jobs, proof while printing
- On-the-fly ink replacement for CMYK, special colours and spot colour for uninterrupted production
- 13" x 19" (330.2mm x 482.6mm) substrate format supported
- JDF ready

Customer profitability

- Support of a wide range of coated and uncoated substrates: Process parameters are now optimized to specific substrate characteristics, extending the media to include top branded standard offset uncoated papers
- Faster press printing operations and lower operator attendance, increasing productivity
- Improved performance with multiple scalable DFE options for greater throughput and profitability
- Competitive TCO for high volume customers
- Remote service/support (IndigoCare) for quicker problem resolution and increased availability

Technical specifications

Print engine specifications:

Printing speed	4,000 4-colour A4 images per hour (two-up); 8,000 2-colour A4 images per hour (two-up); 16,000 full monochrome A4 images per hour
Image quality	Resolution: 800, 1200 dpi at 8 bit, 2400 x 2400 dpi in High Definition Imaging
Line screens	144, 160, 175, 180, 230 lpi
Paper format	330.2 x 482.6 mm
Image format	317 x 450 mm
Paper weight	Coated: 80 gsm text – 350 gsm cover; thickness: 3-16 points (70-400 microns) Uncoated: 60 gsm text – 320 gsm cover; thickness: 3-16 points (70-400 microns)
Printing technology	HP ElectroInk technology
HP Indigo inks	
Standard	Cyan, Magenta, Yellow and Black
4-colour printing	
Photo 6-colour printing	Cyan, Magenta, Yellow, Black, Light Cyan and Light Magenta
HP IndiChrome	Cyan, Magenta, Yellow, Black, Orange and Violet
6-colour printing	
PANTONE colours	<ul style="list-style-type: none">• 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)
HP Indigo special effect inks	HP Indigo digital matte ink
Paper input system	Four drawers: Three drawers with 3 x 180 mm each (a total of 6,000 sheets of 120 gsm text) Special jobs drawer: 1 x 70 mm (700 sheets of 120 gsm text) 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 (6,000 sheets of 120 gsm text) Proof tray with 60 mm stack height (600 sheets of 120 gsm text)
Dimensions of print engine	Height: 2,075 mm; Width: 3,950 mm; Depth: 2281 mm
Press weight	2,635 kg
Digital Front End specifications:	
Architecture	HP Press Production Manager with integrated Global Graphics Harlequin® on-press RIP with optional expansion capability for additional RIPs that provide scalable RIP power
Software platform	Microsoft Windows XP Professional™
Hardware platform	2.8 GHz Pentium 4 processor, 17" flat screen monitor, DVD-RW/CD-RW, 160 GB system HD 1GB base memory, Image memory disks - tow 160 GB drives which provide 320 GB of image memory
Supported formats and standards	Postscript Level 3, PDF 1.5 and 1.6, PDF/X-1a:2001, PDF/X-3:2002, TIFF, JPEG, EPS, PPML, JLYT
Optional equipment/configurations	
Expanded colours capabilities	5th, 6th and 7th colour printing; HP Indigo Ink Mixing System
HP RIP Expansion Rack	Add up to four additional Harlequin® RIPs for use in parallel processing of all job types
Digital Front Ends	HP Indigo Production Manager; HP Indigo Scalable RIP Solution; HP Indigo Production Stream Server, Powered by Creo
Additional stacking units	Up to three additional stacking models, each with capacity of 6,000 sheets of 120 gsm text. Multiple stackers allow true continuous printing (unloading while printing)
HP Indigo Yours Truly Designer	Full-colour personalisation application; 90 day trial version available
HP Indigo Photo Enhancement Server	Fast, automated image sharpening, smoothing, contrast improvement and shadow enhancement

