HP Indigo press 5000
The high performance solution for profitable, color digital printing

Transform your business with an affordable digital solution

The HP Indigo press 5000 delivers everything you need in a digital press – productivity, profitability and quality. With an affordable investment, you get a complete digital solution that integrates seamlessly into your environment, operates with ease, and delivers maximum utilization. It's tailor made for differentiating yourself with new applications, such as collateral-on-demand, personalized direct mail, versioned manuals, and photo-specialty services.

High productivity and ease-of-use

The HP Indigo press 5000 is rich in features that make it easier than ever to use and maintain, bringing a whole new level of efficient performance to your printing operation. It includes:

- Throughput speeds to meet all schedules and deadlines: 4,000 4-color 8.5″ x 11″ images per hour (two-up); 8,000 2-color or single-color 8.5″ x 11″ images per hour (two-up); and 16,000 full monochrome (1/0) 8.5" x 11" images per hour (two-up; recommended with media of 62-138 lb).

- Fast stop and fast switch between jobs to enhance productivity.

- Easy to maintain press systems, such as ink tanks that facilitate the continuous running of the press.

- New paper transport technology minimizes paper jams, while longer life consumables reduce changeover pauses. Three paper feeding trays simultaneously accommodate a variety of substrates to reduce paper switching.

- HP Press Production Manager, the digital front end that together with internet connectivity, offers state-of-the-art job management tools.

Best digital print quality

- High definition imaging and unique liquid HP ElectroInk create vibrant color prints and sharp text at up to 812 x 812 dpi resolution and line screens of up to 230 lines per inch.

- 5, 6 and 7-color inking stations augment the 4 process colors with HP IndiChrome on-press and off-press special colors to give you unlimited color opportunities. New HP Indigo Digital Matte ink creates a differential gloss effect that adds a spot varnish look.

- PANTONE® emulation for CMYK with ICC profiles provides optimized simulations for both the press and the specific media.

- Half the cost; twice the speed. Increased printing speed in 1/0 (monochrome mode) up to 16,000 pages per hour (2-up). Ideal for black and white print service providers and digital printers who want to migrate to color and for those looking to expand their offering into monochrome, highlight & mixed jobs.

Profitability and new business opportunities

- HP's newly-formulated line of low cost HP consumables drive down cost-per-page. Plus, a pay-as-you-print program eliminates the need for print volume and consumable usage prediction.

- Reliable electronic collation, automatic duplexing, seamless job changeovers and HP Indigo Yours Truly advanced color personalization, minimize operator intervention and maximize press utilization.

- With a wide choice of media types and weights ranging from 50 lb. text to 130 lb. cover, HP provides you with a major advantage against commercial printing competitors.

HP Indigo press 5000

Print engine specifications:

Printing speed	4,000 4-color 8.5" x 11" images per hour (two-up); 8,000 2-color or single-color 8.5" x 11" images per hour (two-up); 16,000 full monochrome (1/0) 8.5" x 11" images per hour (two-up; recommended with media of 62-138 lb.)
Image quality	812 x 812 dpi; 812 x 1,624 dpi when printing in High Definition Imaging (HDI) mode
Line screens	144 (sequin), 160, 175, 180, 230 lpi
Image size	12.1" x 17.7" max.
Paper format	12.6" x 18.5" max.
Paper weight	55 (A1) lb. text – 130 lb. cover coated; 45 lb. text – 110 lb. cover uncoated
HP Indigo inks:	
Standard 4-color printing	Cyan, Magenta, Yellow and Black
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange and Violet
PANTONE Colors	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)
Paper input system	Two trays with 9.6" paper capacity (2,400 sheets of 80 lb. text); One tray with 3.3" paper capacity (830 sheets of 80 lb. text)
Paper output system	Autoduplex/Autoperfecting standard Main stacking tray with 23.6" stack height, with job offset stacking (6,000 sheets of 80 lb. text); Proof tray with 1" stack height (300 sheets of 80 lb. text)

Digital front end specifications:

Architecture	HP Press Production Manager with integrated Global Graphics Harlequin® on-press RIP, and optional expansion capability for additional Harlequin RIPs that provide scalable RIP power
Software platform	Microsoft® Windows XP® Professional
Supported formats and standards	Postscript Level 3, PDF 1.5, PDF/X-1:2002a, PDF/X-3:2002, TIFF, JPEG, EPS, PPML, JLYT
HP Indigo Yours Truly Designer	Full-color personalization application

Optional equipment/configuration:

Expanded color capabilities	HP IndiChrome 5, 6 and 7-color printing; HP Indigo Ink Mixing System
HP RIP Expansion Rack	Accessory external rack for additional RIPs: One RIP is included, expandable to two or four RIP configurations. Each RIP is loaded on an HP Proliant DL series server, rack-mounted. Each server includes: Microsoft Windows 2003, 3.4 GHz Pentium 4 processor, DVD ROM (read only), 80GB SATA disk drive. Each system in a rack includes one 15" TFT5600 rack mount keyboard monitor.
HP Production Flow	Optional external digital front-end solution
Additional stacking units	Up to 3 additional stacking modules, each with a capacity of 6,000 sheets of 80 lb. text. Multiple stackers allow true continuous printing (unloading while printing).

Contact information

North America
Hewlett-Packard Company
20 Perimeter Summit Blvd.
Atlanta, GA 30319
Mail Stop 401
USA
Tel: +1 800 289 5986
Fax: +1 404 648 2054

Europe, Middle East and Africa/Latin America
Hewlett-Packard Company
Limburglaan 5
6221 SH Maastricht
The Netherlands
Tel:+31 43 356 5656
Fax:+31 43 356 5600

Asia Pacific
Hewlett-Packard Company
460 Alexandra Road
PSA Building #01-02
Singapore 119963
Tel: +65 6361 7000
Tel: +65 6361 7806
Fax: +65 6276 3160

Israel
Hewlett-Packard Company
Kiryat Weizmann
P.O. Box 150
Rehovot 76101
Israel
Tel: +972 8 938 1818
Fax: +972 8 938 1338

www.hp.com/go/graphic-arts

4AA0-3872EN, 02/2006

hp invent