

# HP Indigo press 5000

The high performance solution  
for profitable, colour 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. It's tailor made for differentiating yourself with new applications, such as collateral-on-demand, personalised direct mail, versioned manuals, and photo-related 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. It includes:

- Throughput speeds to meet all schedules and deadlines: 4,000 4-colour A4 images per hour (two-up); 8,000 2-colour A4 images per hour (two-up); and, 16,000 full monochrome (1/0) A4 images per hour (two-up; recommended with media of 90-200 gsm).
- 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 minimises paper jams, while longer life consumables reduce changeover pauses. Three paper feeding trays simultaneously accommodate a variety of substrates to reduce paper switching.

## Best digital print quality

- High definition imaging and unique liquid HP ElectroInk create vibrant colour 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-colour inking stations augment the 4 process colours with HP IndiChrome on-press and off-press special colours to give you unlimited colour 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 optimised 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 colour and for those looking to expand their offering into monochrome, highlight & mixed jobs.
- 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.

**Print engine specifications:**

<b>Printing speed</b>	4,000 4-colour A4 images per hour (two-up); 8,000 2-colour A4 images per hour (two-up); 16,000 full monochrome (1/0) A4 images per hour (two-up; recommended with media of 90-200 gsm)
<b>Image quality</b>	812 x 812 dpi; 812 x 1,624 dpi when printing in High Definition Imaging (HDI) mode
<b>Line screens</b>	144 (sequin), 160, 175, 180, 230 lpi
<b>Image size</b>	308 x 450 mm max.
<b>Paper format</b>	320 x 475 mm max.
<b>Paper weight</b>	80-350 gsm coated; 65-300 gsm uncoated
<b>Printing technology</b>	HP ElectroInk technology
<b>HP Indigo inks:</b>	
<b>Standard 4-colour printing</b>	Cyan, Magenta, Yellow and Black
<b>HP IndiChrome 6-colour printing</b>	Cyan, Magenta, Yellow, Black, Violet and Orange
<b>PANTONE Colours</b>	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)
<b>Paper input system</b>	Two trays with 245 mm paper capacity (2,400 sheets of 120 gsm); One tray with 85 mm paper capacity (830 sheets of 120 gsm)
<b>Paper output system</b>	Autoduplex/Autoperfecting standard Main stacking tray with 600 mm stack height, with job offset stacking (6,000 sheets of 120 gsm); Proof tray with 25 mm stack height (100 sheets of 120 gsm)
<b>Dimensions of print engine</b>	Length: 3,969 mm; Width: 2,227 mm; Height: 2,076 mm
<b>Weight of print engine</b>	2,977 kg

**Digital front end specifications:**

<b>Architecture</b>	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.
<b>Software platform</b>	Microsoft® Windows XP® Professional
<b>Hardware platform</b>	3.4 GHz Pentium® 4 processor, 15" flat screen monitor, DVD-RW/CD-RW, 1 60 GB system HD 1 GB base memory, Image memory disks – two 160 GB drives which provide 320 GB of image memory
<b>Network protocols</b>	TCP/IP
<b>Physical network connection</b>	10/100/1000 Base-T (up to Gigabit LAN)
<b>Supported formats and standards</b>	Postscript Level 3, PDF 1.5, PDF/X-1:2002a, PDF/X-3:2002, TIFF, JPEG, EPS, PPML, JLYT
<b>HP Indigo Yours Truly Designer</b>	Full-colour personalisation application

**Optional equipment/configuration:**

<b>Expanded colour capabilities</b>	HP IndiChrome 5, 6 and 7-colour printing; HP Indigo Ink Mixing System
<b>HP RIP Expansion Rack</b>	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.
<b>HP Production Flow</b>	Optional external digital front-end solution: Provides a full HP digital front-end solution with single point of management for environments with multi-HP Indigo presses; expandable to multiple RIP configurations; includes Internet connectivity for automated web-to-print workflows; compatible with HP Press Production Manager
<b>Additional stacking units</b>	Up to 3 additional stacking modules, each with a capacity of 6,000 sheets of 120 gsm text. Multiple stackers allow true continuous printing (unloading while printing).

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