

HP Indigo 5r Digital Press

An optimal combination of quality and cost



The HP Indigo 5r Digital Press offers digital offset-matching print quality and a variety of high-value applications at a competitive price. This productive and reliable press is the result of a carefully crafted and executed reconditioning process. A 90 ppm press that delivers high productivity and versatility, the HP Indigo 5r Digital Press is capable of printing up to two million color pages or five million monochrome pages per month. The press is a cost-effective option for small and medium-volume printers.

The leader in print quality and color - Enabled by HP Indigo's liquid ElectroInk technology and unique digital offset process, HP Indigo delivers prints of the highest quality, matching or even exceeding offset. Up to 5 on-press ink stations enable use of HP Indigo's wide digital color gamut, including special inks. Reach an unparalleled color gamut using on press Pantone emulation and spot colors mixed off press.

HP Indigo innovation on demand - The press can be leveraged with options that increase the capability to print high value applications and enhance productivity. The optional 5th color station can be used for special inks. Design applications that stand out with HP Indigo ElectroInk White on black, colored and transparent substrates, deliver high impact results with the HP Indigo ElectroInk Fluorescent Pink and create unlimited designs with HP SmartStream Mosaic.

Wide media range - Print on the industry's widest media range, including coated and uncoated papers, in addition to dark, transparent and recycled media.

Powerful print server - HP SmartStream Production Pro Print Server 6 is the industry's most scalable and powerful print server. This option can handle the most challenging workloads and offers a wealth of easily automated prepress tools to optimize production.

Reconditioning program - The press is reconditioned at the HP Indigo factory where it undergoes an intensive process for selection, parts replacement and testing. It achieves print quality equivalent to a newly manufactured press and comes with a factory warranty. The program is part of HP Indigo's effort to reduce waste and minimize impact on the environment.

Technical specifications

Printing speed	68 four-color 8.5 x 11 in pages per minute (two-up); 90 color 8.5 x 11 in pages per minute in EPM (two-up); 136 two-color 8.5 x 11 in pages per minute (two-up); 272 full monochrome 8.5 x 11 in pages per minute (two-up)
Image resolution	812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	175, 180, 180m, HMF-200, 230 lpi
Sheet size	13 x 19 in maximum
Image size	12.48 x 17.7 in maximum
Paper weight*	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 120 lb cover Thickness: 3 to 16 pt
Feeder	Four drawers: Three drawers with 7 in depth each (1800 sheets of 80 lb text each) One special jobs drawer: 2.5 in (700 sheets of 80 lb text) A total of 6100 sheets of 80 lb text. All drawers support the full range of substrates.
Stacker	Main stacking tray with 23.6 in stack height, supporting offset jogging (6100 sheets of 80 lb text) Proof tray with 2.36 in stack height (600 sheets of 80 lb text)
Cloud connectivity	Via HP PrintOS
Print server (DFE)	HP SmartStream Onboard Print Server
Press dimensions	Length: 155.5 in (additional 19.7 in optional); Width: 89.8 in; Height: 81.7 in
Press weight	5900 lb
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, magenta, yellow, and black
5-color printing	Via the optional 5 th ink station
HP IndiChrome 6-color printing	Cyan, magenta, yellow, black, orange, and violet
HP IndiChrome Plus 7-color printing	Cyan, magenta, yellow, black, orange, violet, and green
Special effect inks	Digital matte, fluorescent pink, invisible red, light black, light light black, light cyan, light magenta, and white
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing System (IMS) for spot color creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent.
PANTONE® colors	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and PANTONE Goe™ HP Professional PANTONE Emulation Technology using CMYK on-press; HP IndiChrome on-press; HP IndiChrome Plus on-press HP IndiChrome off-press (IMS) for achieving up to 97% of the PANTONE® color range.
Options	
Expanded color capabilities	5 on-press ink stations; HP IndiChrome Ink Mixing System
White ink kit	Enables use of white ink
Print servers (DFEs)	HP SmartStream Production Pro Print Server; HP SmartStream Ultra Print Server; HP SmartStream Labels and Packaging Print Server, Powered by Esko

*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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