

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. Reconditioned from customer HP Indigo 5000 Series Digital Press trade-ins, the press is fully upgraded to support all the latest innovations and comes with a full HP Indigo warranty.

HP Indigo value

The HP Indigo 5r Digital Press is a 90 ppm press that delivers high productivity and versatility. 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 to obtain an HP Indigo robust and proven press.

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. They match or even exceed offset, allowing them to be used interchangeably. Up to 7 on-press ink stations enable use of HP Indigo's wide digital color gamut, including special inks. Achieve accurate on-press Pantone emulations using 4, 6 or 7 process colors, in addition to spot colors mixed off press, reaching up to 97% of PANTONE colors.

HP Indigo innovation on demand

The press can be enhanced with One Shot technology for printing on synthetics, metalized and canvas substrates for plastic card and specialty applications. Make applications that stand out with HP Indigo ElectroInk White on black, colored and transparent substrates. HP Indigo ElectroInk Fluorescent Pink delivers high impact. 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. The optional Thick Substrate Kit 550 enables printing on paper and synthetic substrates up to 22 pt, and the ultra thick kit on synthetics up to 24 pt. Use on-press primer to print on thick paperboards.

Reconditioning program

The press is reconditioned at the HP Indigo factory where it undergoes an intensive process for selection, parts replacement and testing designed by HP Indigo's experts. 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.



To learn more, visit hp.com/go/graphic-arts
or hp.com/go/hpindigo5r

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
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	Invisible red, light cyan, light magenta, white, digital matte, transparent and Fluorescent Pink
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, 6, or 7 on-press ink stations; HP IndiChrome Ink Mixing System
White ink kit	Enables use of white ink
HP Indigo ElectroInk Primer	Enables on-press priming to support printing on thick paperboards up to 22 pt. Requires 5th ink station.
Thick Substrate Kit + 550	Supports paper and synthetic substrates of up to 22 pt
Customized Ultra thick substrate kit	Supports paper and synthetic substrates of up to 24 pt
One Shot process kit	Enables printing on synthetics using HP Indigo One Shot technology
Print servers (DFEs)	HP SmartStream Production Pro Print Server; HP SmartStream Ultra Print Server; HP SmartStream Labels and Packaging Print Server, Powered by Esko
Additional feeder	One additional feeder with three drawers, each with 7 in of media
Additional stackers	One additional stacker with 23.6 in of media

*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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