

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 colour 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 colour

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 colour gamut, including special inks. Reach an unparalleled colour gamut using on press Pantone emulation and spot colours 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 colour station can be used for special inks. Design applications that stand out with HP Indigo ElectroInk White on black, coloured 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 optimise 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-colour 8.5 x 11 in pages per minute (two-up); 90 colour 8.5 x 11 in pages per minute in EPM (two-up); 136 two-colour 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	330 x 482 mm maximum
Image size	317 x 450 mm maximum
Paper weight*	Coated: 80 to 350 gsm; Uncoated: 60 to 320 gsm Thickness: 70 to 400 microns
Feeder	Four drawers: Three drawers with 180 mm depth each (1800 sheets of 120 gsm each) One special jobs drawer: 70 mm (700 sheets of 120 gsm) A total of 6100 sheets of 120 gsm. All drawers support the full range of substrates.
Stacker	Main stacking tray with 600 mm stack height, supporting offset jogging (6100 sheets of 120 gsm) Proof tray with 60 mm stack height (600 sheets of 120 gsm)
Cloud connectivity	Via HP PrintOS
Print server (DFE)	HP SmartStream Onboard Print Server
Press dimensions	Length: 3952 mm; Width: 2282 mm; Height: 2074 mm
Press weight	2700 kg
HP Indigo ElectroInks	
Standard 4-colour printing	Cyan, magenta, yellow, and black
5-colour printing	Via the optional 5 th ink station
Special effect inks	Invisible red, light cyan, light magenta, white, light black, digital matte, transparent and fluorescent pink
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing System (IMS) for spot colour creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent.
PANTONE® colours	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® colour range.
Options	
Expanded colour 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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