

HP Indigo 7r Digital Press

A high-performance reconditioned
Indigo press at an unmatched price



Gain outstanding digital versatility and high productivity, and enjoy HP Indigo's renowned digital offset quality – at an unmatched price with the HP Indigo 7r Digital Press. Reconditioned from customer HP Indigo 7000 Series Digital Press trade-ins, the HP Indigo 7r Digital Press is fully upgraded to support all the latest innovations.

The press is capable of producing 4 million color pages a month, at a top color speed of 160 pages per minute in Enhanced Productivity Mode (EPM).

Advanced capabilities

The press can be enhanced with an inline spectrophotometer, offering simplified color management, saving time and costs. Extra capabilities include One Shot printing on synthetics for plastic card and specialty applications, special effects printing on press to make an impact with raised and textured print, and special inks including white and fluorescent pink. An on-press production assistant can ensure non-stop printing. HP Indigo ElectroInk Primer enables printing on virtually any paper for new production possibilities.

The leader in print quality and color

Enabled by HP Indigo's liquid ElectroInk technology and unique digital offset process, HP Indigo prints are of the highest quality. They match or even exceed offset, allowing them to be used interchangeably. HP Indigo ElectroInk has the widest digital color gamut, in addition to special inks, reaching up to 97% of PANTONE® colors and using up to 7 ink stations on press.

Reconditioning program

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

Powerful print server

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

Reinvent print production

HP PrintOS is a print production operating system with apps that help you get more out of your HP Indigo presses, and simplify and automate your production. Use PrintOS to continuously improve operations. Access the open and secure cloud-based PrintOS platform anytime, anywhere.

Technical specifications

Printing speed	120 four-color 8.5 x 11 in pages per minute (two-up) 160 8.5 x 11 in color pages per minute in EPM (two-up) 240 two-color or 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	144, 160, 175, 180, 180m, 210, 230 lpi
Sheet size	13 x 19 in maximum
Image size	12.48 x 18.26 in maximum
Paper weight*	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 130 lb cover; Thickness 3-16 pt
Feeder	Four drawers: Three drawers with 7 in each (1800 sheets of 80 lb text each) Special jobs drawer: 1 x 2.5 in (700 sheets of 80 lb text) A total of 6100 sheets of 80 lb text. all paper drawers support full range of substrates
Stacker	Main stacking tray with 23.6 in stack height, with job offset stacking (6100 sheets of 80 lb text). Proof tray with 2.36 in stack height (600 sheets of 80 lb text)
Print server (DFE)	HP SmartStream Production Pro Print Server
Press dimensions	Length: 214.3 in; Depth: 90.5 in; Height: 82.8 in
Press weight	7300 lb
Cloud connectivity	Via HP PrintOS
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	Light black, light cyan, light magenta, white, transparent, invisible red, fluorescent pink and digital matte
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
One Shot process kit	Enables printing on synthetics using HP Indigo One Shot technology
White ink kit	Enables use of white ink
HP Indigo ElectroInk Primer	Supports use of off-the-shelf papers
Auto Alert Agent	Enables on-press alert system
Special effects kit	Enables creation of on-demand, on-press high-value applications
Optimizer	Automatic prioritization of the job queue
Thick substrate kit	Supports paperboards up to 18 pt.
Spectrophotometer	Enables simplified color management
Print servers (DFEs)	HP SmartStream Ultra Print Server
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.



CO₂ neutral

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