

# 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

<b>Printing speed</b>	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)
<b>Image resolution</b>	812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
<b>Line screens</b>	144, 160, 175, 180, 180m, 210, 230 lpi
<b>Sheet size</b>	13 x 19 in maximum
<b>Image size</b>	12.48 x 18.26 in maximum
<b>Paper weight*</b>	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 130 lb cover; Thickness 3-16 pt
<b>Feeder</b>	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
<b>Stacker</b>	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)
<b>Print server (DFE)</b>	HP SmartStream Production Pro Print Server
<b>Press dimensions</b>	Length: 214.3 in; Depth: 90.5 in; Height: 82.8 in
<b>Press weight</b>	7300 lb
<b>Cloud connectivity</b>	Via HP PrintOS
<b>HP Indigo ElectroInks</b>	
<b>Standard 4-color printing</b>	Cyan, magenta, yellow, and black
<b>HP IndiChrome 6-color printing</b>	Cyan, magenta, yellow, black, orange, and violet
<b>HP IndiChrome Plus 7-color printing</b>	Cyan, magenta, yellow, black, orange, violet, and green
<b>Special effect inks</b>	Light black, light cyan, light magenta, white, transparent, invisible red, fluorescent pink and digital matte
<b>HP IndiChrome off-press spot inks</b>	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.
<b>PANTONE® colors</b>	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.
<b>Options</b>	
<b>Expanded color capabilities</b>	5, 6, or 7 on-press ink stations; HP IndiChrome Ink Mixing System
<b>One Shot process kit</b>	Enables printing on synthetics using HP Indigo One Shot technology
<b>White ink kit</b>	Enables use of white ink
<b>HP Indigo ElectroInk Primer</b>	Supports use of off-the-shelf papers
<b>Auto Alert Agent</b>	Enables on-press alert system
<b>Special effects kit</b>	Enables creation of on-demand, on-press high-value applications
<b>Optimizer</b>	Automatic prioritization of the job queue
<b>Thick substrate kit</b>	Supports paperboards up to 18 pt.
<b>Spectrophotometer</b>	Enables simplified color management
<b>Print servers (DFEs)</b>	HP SmartStream Ultra Print Server
<b>Additional feeder</b>	One additional feeder with three drawers, each with 7 in of media
<b>Additional stackers</b>	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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4AA5-9239ENW, March 2016

