# 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 colour pages a month, at a top colour speed of 160 pages per minute in Enhanced Productivity Mode (EPM).

**Advanced capabilities**
The press can be enhanced with an inline spectrophotometer, offering simplified colour 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 colour**
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 colour gamut, in addition to special inks, reaching up to 97% of PANTONE® colours and using up to 7 ink stations on press.

**Reconditioning programme**
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 optimise 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.

**To learn more, visit hp.com/go/graphic-arts or hp.com/go/hpindigo7r**

## Technical specifications

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|---|---|
| **Printing speed** | 120 four-colour A4 pages per minute (two-up)<br>160 A4 colour pages per minute in EPM (two-up)<br>240 two-colour or monochrome A4 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** | 330 x 482 mm maximum |
| **Image size** | 317 x 464 mm |
| **Paper weight*** | Coated: 80 to 350 gsm; Uncoated: 60 to 320 gsm; Thickness 70 to 400 microns |
| **Feeder** | Four drawers:<br>Three drawers with 180 mm each (1800 sheets of 120 gsm each)<br>One special jobs drawer: 70 mm (700 sheets of 120 gsm)<br>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, supports offset jogging (6100 sheets of 120 gsm)<br>Proof tray with 60 mm stack height (600 sheets of 120 gsm) |
| **Print server (DFE)** | HP SmartStream Production Pro Print Server |
| **Press dimensions** | Length: 5443 mm; Width: 2298 mm; Height: 2104 mm |
| **Press weight** | 7300 lb |
| **Cloud connectivity** | Via HP PrintOS |
| **HP Indigo ElectroInks** | |
| **Standard 4-colour printing** | Cyan, magenta, yellow, and black |
| **HP IndiChrome 6-colour printing** | Cyan, magenta, yellow, black, orange, and violet |
| **HP IndiChrome Plus 7-colour 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 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™<br>HP Professional PANTONE Emulation Technology using CMYK on-press; HP IndiChrome on press; HP IndiChrome Plus on-press<br>HP IndiChrome off press (IMS) for achieving up to 97% of the PANTONE® colour range. |
| **Options** | |
| **Expanded colour 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 400 gsm/ 460 microns. |
| **Spectrophotometer** | Enables simplified colour management |
| **Print servers (DFEs)** | HP SmartStream Ultra Print Server |
| **Additional feeder** | One additional feeder with three drawers, each with 180 mm of media |
| **Additional stackers** | One additional stacker with 600 mm 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.

PANTONE Digital Color

$CO_2$ neutral

**Learn more at**
**hp.com/go/indigo**

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