

# 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 colour 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 colour**

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 colour gamut, including special inks. Achieve accurate on-press Pantone emulations using 4, 6 or 7 process colours, in addition to spot colours mixed off press, reaching up to 97% of PANTONE colours.

## **HP Indigo innovation on demand**

The press can be enhanced with One Shot technology for printing on synthetics, metalised and canvas substrates for plastic card and specialty applications. Make applications that stand out with HP Indigo ElectroInk White on black, coloured 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 550 microns, and the ultra thick kit on synthetics up to 600 microns. Use on-press primer to print on thick paperboards.

## **Reconditioning programme**

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 minimise impact on the environment.



To learn more, visit [hp.com/go/graphic-arts](http://hp.com/go/graphic-arts)  
or [hp.com/go/hpindigo5r](http://hp.com/go/hpindigo5r)

## Technical specifications

<b>Printing speed</b>	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)
<b>Image resolution</b>	812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
<b>Line screens</b>	175, 180, 180m, HMF-200, 230 lpi
<b>Sheet size</b>	330 x 482 mm maximum
<b>Image size</b>	317 x 450 mm maximum
<b>Paper weight*</b>	Coated: 80 to 350 gsm; Uncoated: 60 to 320 gsm Thickness: 70 to 400 microns
<b>Feeder</b>	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..
<b>Stacker</b>	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)
<b>Cloud connectivity</b>	Via HP PrintOS
<b>Print server (DFE)</b>	HP SmartStream Onboard Print Server
<b>Press dimensions</b>	Length: 3952 mm; Width: 2282 mm; Height: 2074 mm
<b>Press weight</b>	2700 kg
<b>HP Indigo ElectroInks</b>	
<b>Standard 4-colour printing</b>	Cyan, magenta, yellow, and black
<b>HP IndiChrome 6-colour printing</b>	Cyan, magenta, yellow, black, orange, and violet
<b>HP IndiChrome Plus 7-colour printing</b>	Cyan, magenta, yellow, black, orange, violet, and green
<b>Special effect inks</b>	Invisible red, light cyan, light magenta, white, digital matte, transparent and fluorescent pink
<b>HP IndiChrome off-press spot inks</b>	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.
<b>PANTONE® colours</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® colour range.
<b>Options</b>	
<b>Expanded colour capabilities</b>	5, 6, or 7 on-press ink stations; HP IndiChrome Ink Mixing System
<b>White ink kit</b>	Enables use of white ink
<b>HP Indigo ElectroInk Primer</b>	Enables on-press priming to support printing on thick paperboards up to 550 microns. Requires 5th ink station.
<b>Thick Substrate Kit 550</b>	Supports paper and synthetic substrates of up to 550 microns and 850 gsm
<b>Ultra thick substrate kit</b>	Enables printing on opaque PVC materials up to 600 microns and 850 gsm
<b>One Shot process kit</b>	Enables printing on synthetics using HP Indigo One Shot technology
<b>Print servers (DFEs)</b>	HP SmartStream Production Pro Print Server; HP SmartStream Ultra Print Server; HP SmartStream Labels and Packaging Print Server, Powered by Esko
<b>Additional feeder</b>	One additional feeder with three drawers, each with 180 mm of media
<b>Additional stackers</b>	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.



Learn more at  
[hp.com/go/indigo](http://hp.com/go/indigo)

Sign up for updates  
[hp.com/go/getupdated](http://hp.com/go/getupdated)



Share with colleagues



Rate this document

© Copyright 2016 HP Development Company, L.P. The information contained herein is subject to change without notice.  
The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services.  
Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

PANTONE® and other Pantone, Inc. trademarks are the property of Pantone, Inc.

4AA6-3969EEW, March 2016

