

HP Indigo 7K



Digital Press

One press, endless opportunities



Add premium HP Indigo printing and watch your business grow

The HP Indigo 7K Digital Press enables endless applications—and customer satisfaction—with the widest range of media and over 20 specialty inks. Simplify production with smart, automated tools while printing offset-matching quality and high volumes day in, day out with this truly robust press.

Dare to imagine new business opportunities in commercial print

HP Indigo is redefining the role of digital with advances that blur the boundaries between all forms of print production. Digital isn't just for short runs anymore, longer runs can now affordably utilize digital flexibility. You get the look, feel and operational familiarity of offset, and labor-saving automation, at speeds that are already leading the market. It's your turn to thrive in a marketplace booming with new, high-margin ways to grow. With HP Indigo, you can start moving ahead of your competitors today.

Simple, smart production

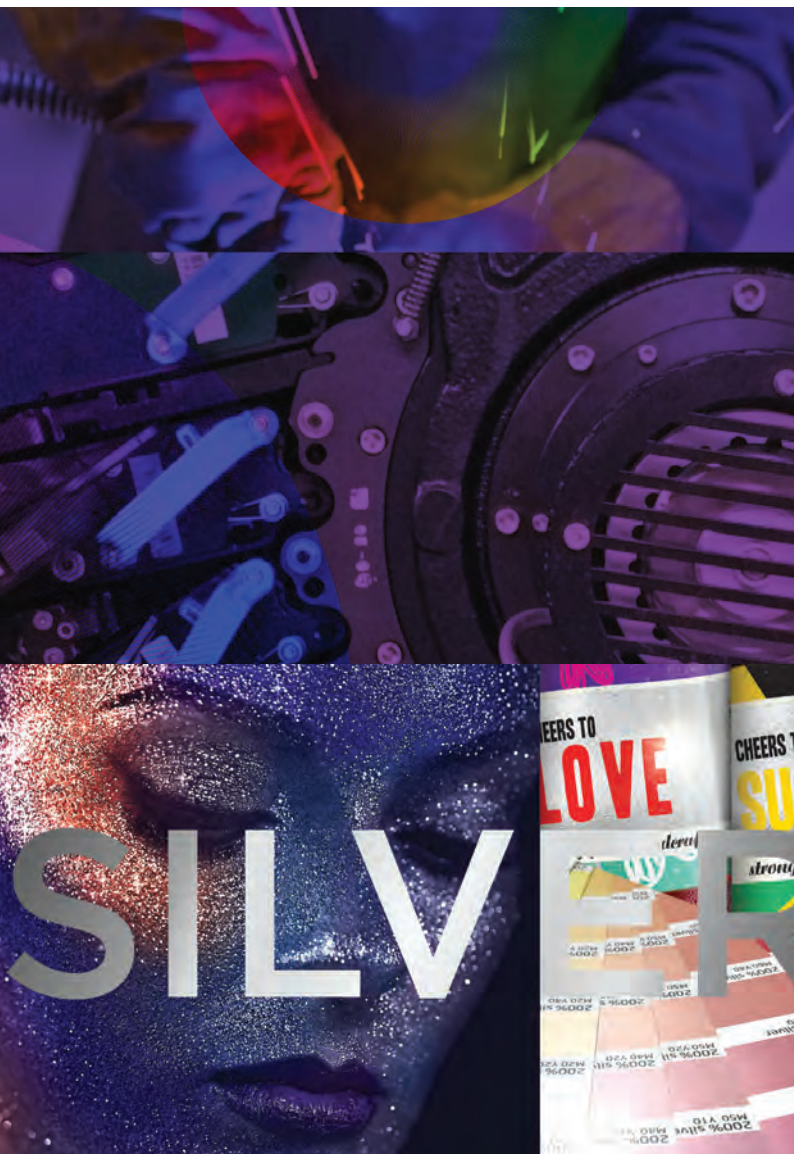
Streamline operations with simple, smart, and automated tools that improve press availability and make using your press much easier. Simplify production and print hundreds of profitable jobs every day.

- Print continuously and easily with automatic print queue optimization and a press that lets you print and proof in parallel.
- Increase press availability and keep production moving with automatic detection of print-quality defects.
- Easily match colors across HP Indigo presses, sites, and between HP Indigo and offset with automatic color calibration algorithms.

Step up to endless applications and opportunities

Expand your capabilities and open up unlimited new business opportunities with the virtually endless range of high-value applications you can produce using the widest range of specialty inks and media.

- Expand into new business opportunities with the widest substrate range in the industry^[1] from black and colored media to metalized substrates and synthetics.
- Deliver premium applications on thick media up to 550 microns.
- Access millions of color combinations and 97% of the color gamut with seven ink stations and unlimited spot colors. Stand out with over 20 specialty inks like Silver, Invisible Yellow, scratch off, fluorescents, and many more.
- Enter high-value markets like security, heat transfer, and photo printing with specialty inks and unique substrates.



Build your future on the best quality

Differentiate and future-ready your business with best-in-class image quality and robustness. Get the look and feel of offset, accommodate high volumes, and keep your press up and running well into the future.

- HP Indigo image quality with the look and feel of offset.
- Run high volumes day in and day out—and for years to come—with this press robust build and high duty cycle up to 5 million pages per month.
- Keep your press in top condition by identifying technical issues before they occur thanks to machine learning algorithms.



PrintOS

Unleash the performance of your HP Indigo press with a suite of solutions that enables you to create your Print Factory of the future.

Services

Enable your operator to get the most out of your press by building his self-sufficiency through knowledge, and on-press platform and expert support.

Media

Lead, innovate, and create distinct and incredible products for your customers with the most diverse media on hand.

HP Indigo Secure

Apply never-before-seen adaptive security solutions that provide multi-layered digital protection in just one pass.

Sustainability

Step right into the forefront by exceeding your customers' demands and lead a new era of responsible printing.

HP Indigo 7K Digital Press



Technical specifications

Printing speed	120 four-color 8.5 x 11 (A4) pages per minute - two-up 160 color 8.5 x 11 (A4) pages per minute in EPM - two-up 240 two-color or monochrome 8.5 x 11 (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, 180 m, 210, HMF200 lpi
Sheet size	13 x 19 in (330 x 482 mm) maximum
Image size	12.48 x 18.26 in (317 x 464 mm) maximum
Paper weight and thickness*	Coated: 55 lb text to 130 lb cover (80 to 350 gsm); Uncoated: 40 lb text to 130 lb cover (60 to 350 gsm); Thickness 3 to 16 pt. (70 to 400 microns)
Feeder	Four drawers: Three drawers with 6 in (150 mm) each, 1,500 sheets of 80 lb text (120 gsm) each; One special jobs drawer: 2.5 in (70 mm), 700 sheets of 80 lb text, (700 sheets of 120 gsm); A total of 5,200 sheets of 80 lb text (120 gsm). All drawers support the full range of substrates
Stacker	Main stacking tray with 23.6 in (600 mm) stack height; supports offset jogging, 6,100 sheets of 80 lb text (6,100 sheets of 120 gsm); Proof tray with 2.36 in (60 mm) stack height, 600 sheets of 80 lb text (600 sheets of 120 gsm)
Print servers (DFE)	PrintOS Production Pro for commercial
Press dimensions	Length: 214.3 in (5443 mm); Width: 90.5 in (2298 mm); Height: 82.8 in (2104 mm)
Press weight	7,300 lb (3,300 kg)
Cloud connectivity	Via HP PrintOS
HP Indigo Optimizer	Automatic prioritization of the job queue
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
5-color printing	Via the 5th ink station
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
Specialty inks	Silver, Premium White, Fluorescent Pink, Transparent, Digital Matte, Invisible Yellow, Primer, Easy Release, Light Light Black, Light Cyan, Light Magenta, Vivid Pink, and Vivid Green.
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® color	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	
Print server (DFE)	HP SmartStream Ultra Print Server
Expanded color capabilities	6 or 7 on-press ink stations; HP IndiChrome Ink Mixing System
Auto Alert Agent	Enables on-press alert system
White ink	Enables use of ElectroInk Premium White ink
Special effects kit	Enables creation of on-demand, on-press high-value applications
Thick substrate kit	Supports paperboards up to 22 pt. (550 microns/650gsm)
One Shot process kit	Enables printing on synthetics using One Shot technology

*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.

Sign up for updates
hp.com/go/getupdated

Learn more at
hp.com/go/indigo

PUB Number - 4AA7-7225ENW, February 2023
This is an HP Indigo digital print

