

HP
INDIGO
DIGITAL PRESS

7eco



The HP Indigo 7eco Digital Press is a trustworthy solution, delivering uncompromising HP Indigo image quality at a competitive price. The press is built to accommodate high printing volumes—up to 5 million pages per month*—and deliver well into the future. Expand your capabilities and stand out with a wide range of specialty inks and unique design tools.

* Based on printing 160 A4 pages per minute in Enhanced Productivity Mode, 24/7, over 30 days.

YOUR FIRST STEP TO NEW POSSIBILITIES

Enter the world of HP Indigo quality, versatility, and robustness.



HP Indigo 7eco Digital Press

Technical specifications

Printing speed	120 four-color 8.5 x 11 (Or A4) pages per minute - two-up. 160 color 8.5 x 11 (Or A4) pages per minute in EPM - two-up. 240 two-color or monochrome 8.5 x 11 (Or 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, 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, 1500 sheets of 80 lb text (120 gsm) each. One special jobs drawer: 2.5 in (70mm), 700 sheets of 80 lb text, (700 sheets of 120 gsm). A total of 5200 sheets of 80 lb text (120 gsm). All drawers support the full range of substrates.
Stacker	Main stacking tray with 23.6 in (600mm) stack height; supports offset jogging, 6100 sheets of 80lb text (6100 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	7300 lb (3300 kg).
Cloud connectivity	Via HP PrintOS*
HP Indigo Electrolinks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black.
5-color printing	Via the 5th ink station.
Specialty inks	Silver, Premium White, Fluorescent Pink/Orange/Yellow/Green, Transparent, Digital matte, Invisible Yellow, Invisible Red, 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	5 th on-press ink station; HP IndiChrome Ink Mixing System.
White ink	Enables use of Electrolink Premium White ink.

* 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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PUB Number - 4AA7-7769ENW, May 2020.
This is an HP Indigo digital print.





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.



Long-term solutions at the right price

Get all of your commercial printing needs met with the HP Indigo 7eco Digital Press—so you can start moving ahead of your competitors today.

- Offer uncompromising color and ink capabilities with the highest printing quality, versatility, and efficiency¹. Produce prints with the look and feel of offset, including sharp text and images—all with our most competitively priced press².
- Maintain your substrates' unique characteristics with a thin ink layer that accurately replicates gloss and texture.
- Automatically maintain perfect color with this digital press' inline spectrophotometer and automatic color calibration algorithms.



Accommodate high volumes for years to come

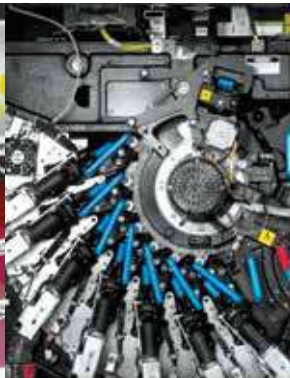
From its smart design to robust performance and best-in-class offering¹, this agile digital press is built to run for years to come.

- Produce hundreds of jobs, day in and day out, with a high duty cycle—up to 5 million pages per month.

- Increase productivity by using Enhanced Productivity Mode (EPM) and automated EPM decision tools on your cloud-integrated DFE.

- You can reap the fruits of your investment over years to come with a robust, rugged press capable of producing hundreds of millions of pages over its lifetime.

- Step up your business—orchestrate and optimize print operations with HP PrintOS³.



Set the bar with high-value applications

Differentiate your business with high-value offerings and continuously grow, using a broad set of solutions, a wide range of specialty inks, and unique design tools.

- Create stunning premium prints with a virtually endless range of metallic colors using silver ink.
- Achieve the brightest white on colored media³ and deliver vibrant colors with white backing under the image with premium white ink.
- Shout it out with bright, radiant, and attention-grabbing fluorescent pink, yellow, orange, and green inks.
- Help create business opportunities by offering unique, high-value security features that can also be used for playful, creative, and surprising effects using invisible yellow ink.
- Take your design capabilities to the next level using HP Indigo exclusive design tools such as HP SmartStream Mosaic, and HP SmartStream Collage.
- Extend your color gamut automatically using ColorUP⁴.



HP INDIGO 7eco DIGITAL PRESS



¹Uncompromising image quality based on unmatched color and ink capabilities with the highest printing quality, versatility, and efficiency. Best-in-class offering based on ColorUP. Compared to major digital printing competitors as of May 2020.

²Compared to other digital presses in the HP Indigo commercial portfolio as of May 2020.

³Based on HP internal testing, May 2020, comparing HP Indigo standard and premium white Electroinks with offset, gravure, SB flexo, UV flexo, and screen printing technologies.

⁴Optional feature. Sold separately.

PrintOS³
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, an 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-seen-before 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.