

HP Indigo 200K



Digital Press

Shift gears. Drive change.



Grow your business with the only proven technology for on-demand, sustainable flexible packaging.¹ The HP Indigo 200K Digital Press delivers powerful next-gen technology to expand your capabilities and your offering.

Increase productivity of high margin, short run jobs, and open your business to a broad range of customers and market-evolving needs. At the same time, attract environmentally-minded customers with a printing solution that helps reduce your environmental impact.

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Creating meaningful change and business impact requires that we work smarter and shift production efficiency into high gear. While that's often easier said than done, it is indeed possible with printing solutions that empower your efforts in a fast-changing market. The HP Indigo 200K Digital Press is that solution. It builds upon previous generations of proven HP Indigo technology to accelerate business outcomes with the latest capabilities and industry-leading innovations. Take advantage of the opportunities that exist today with a flexible packaging E2E solution that drives performance and growth.

Productivity that drives growth

GROW YOUR BUSINESS WITH HIGH-MARGIN SHORT RUNS

- Say "yes" to more jobs with on-demand delivery, no minimum orders, fast setup, and minimal waste per job.
- Print speed up to 56 m/min (184 ft/min) and media width up to 762 mm (30 in).
- Reach brand colors in minutes; achieve consistent results day after day with HP Indigo Spot Master and automatic color system.
- Optimize the print process and save time with advanced tools that increase operator efficiency.³
- Achieve efficient production with software capabilities for batching, ganging, and variable data.
- Increase utilization with a new level of automation, enabled by HP's PrintOS workflow and digital front end (DFE).
- Leverage HP's portfolio of services and technology to quickly ramp up digital production and keep your business running efficiently.



Ideal market fit

HELP BRANDS MEET THEIR EVOLVING NEEDS

- Meet brand expectations with gravure-matching quality thanks to HP Indigo liquid electrophotography (LEP) and One Shot Color technology.
- Go from file to pouch in days, not weeks, with HP Indigo's Digital Pouch Factory, an industry-leading end-to-end solution.
- Print surface and reverse on nearly any industrial substrate—from 10-400 microns with inline priming.
- Provide true spot colors and up to 97% of PANTONE® colors to support any job with the widest range of ElectroInks and color gamut.⁴
- Offer smart packaging with brand protection elements, variable data, and unique designs with HP Mosaic and Collage.





Prioritize sustainability today—for tomorrow

ACCOMMODATE SUSTAINABILITY DEMANDS, REDUCE ENVIRONMENTAL IMPACT, AND ATTRACT MORE BUSINESS

- Responsible manufacturing: CO² - neutral manufactured press
- Efficient print process: eliminates analog overhead, allowing minimum waste
- Environmental product: Sustainable composition and E2E solutions that meet industry standards
- Product safety: food-packaging-compliant with EU and FDA regulations and key industry standards^[5]
- Uses sustainable media: recycled, recyclable, FSC registered sign certified, PCW, compostable, and more^[6]
- Disposal: HP Planet Partners take-back program

***HP Indigo print has the lowest environmental impact by 40-80% across all categories considered vs. other technologies.^[7]



[1] Proven technology claim based on IT Strategies Digital Packaging 2022 report, which identifies HP as the market leader in Flexible Packaging with more than 90% share of installations.

[2] Speeds based on Enhanced Productivity Mode.

[3] Optimized user interface, quick color calibration, fast ink loading, and fast recovery contribute to operator efficiency.

[4] The digital industry's widest range of inks and largest range of substrates compared to major digital printing competitors as of November 2022, based on internal HP analysis.

[5] Food products and packaging are a highly regulated sector, with varying requirements depending on where they are placed on the market. In relation to inks, compliance depends primarily on the potential for ink substances to migrate through the specific packaging materials into food as well as the intended use case for the packaging. Converters must perform their own assessment to ensure compliance of the final packaging they produce and ensure that the printing is performed in accordance with Good Manufacturing Practices. HP Indigo ElectroInk can be used to produce food packaging that complies with: FDA, Title 21 of the Code of Federal Regulations for indirect food contact; Swiss Ordinance on Materials and Articles in Contact with Food, RS 817.023.21; European Printing Inks Association (EuPIA) Guidelines on Printing Inks applied to Food Contact Materials, version April 2020; Council of Europe Resolution ResAP (2005/2) for indirect food contact; Nestlé Guidance Note on Packaging Inks, exclusion lists for indirect food contact; German Food Law and Article 3 of the EU framework regulation 1935/2004, for non-food contact.

[6] Selected HP Indigo ElectroInks were tested for compostability against leading standards, and can be used, under certain limitations, as an ink for printing compostable packages (Industrial and Home Composting). For details on approved inks and allowed limits, please contact the HP Indigo team for more information.

[7] Based on a third-party life cycle assessment comparison to flexo and gravure that showed the HP Indigo 20000 Digital Press has low environmental impact on flexible packaging at economical jobs across all 13 environmental impact categories considered in the study. For details, see the technical white paper: Low environmental impact printing with HP Indigo Digital Presses, 2016. and Comparative Life Cycle Assessment of Flexible Package Production using Digital and Analog Technologies, 2021.

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Technical specifications

Printing speed	56 m/min (183 ft/min) in EPM; 42 m/min (137 ft/min) 4-color mode; 33 m/min (110 ft/min) 5-color mode
Image resolution	812 dpi at 8 bit; addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	175, 180, 180 m, HMF-200
Image size	29.37 in x 44.09 in (746 x 1120 mm) maximum; Repeat length: 21.65 in (550 mm) minimum; 44.09 in (1120 mm) maximum
Substrate thickness***	0.4 mil to 16 mil / 0.4 pt to 16 pt (10 to 400 microns)
Substrate type**	Film (PET, BOPP, PE, BOPA), shrink film (PETG, PVC, OPS) label stock (PE label), pre-laminates (PET/ALU/PE) and paper
Web width	Maximum width: 30 in (762 mm); Minimum width: 15.75 in (400 mm)
Priming unwinder	Max roll diameter: 37.40 in (950mm) Max roll weight: 1,876 lb (850 kg) Core inside diameter: <ul style="list-style-type: none">• Standard 3 in• Standard 6 in adapter
Rewinder	Maximum roll diameter: 31.5 in (800 mm) Maximum roll weight: 1545 lb (700 kg)
Print server	HP Production Pro for Indigo Labels & Packaging
Press dimensions	Width: 385 in (9,784 mm); Height: 106 in (2,700 mm); Depth: 189 in (4,800 mm)
Press weight	33,112 lb (15,000 kg)
Cloud connectivity	Via HP PrintOS
HP Indigo ElectroInks*	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
Additional process inks	White, Premium White
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange, Violet, and Violet for packaging
HP IndiChrome Plus 7-color printing	Cyan, Magenta, Yellow, Black, Orange, Violet, Violet for packaging, and Green
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing Service for spot color creation using CMYK as well as Orange, Violet, Green, Reflex Blue, Rhodamine Red, Bright Yellow, and Transparent
PANTONE® colors	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 Ink Mixing Service for achieving up to 97% of the PANTONE® color range
Enhanced Productivity Mode	Enables three-color EPM printing (Cyan, Magenta, Yellow)

* Food products and packaging are a highly regulated sector, with varying requirements depending on where they are placed on the market. Therefore, converters are reminded to ensure that all materials utilized in the printing process are suited for the intended application and its conditions of use, and that the printing is performed in accordance with Good Manufacturing Practices.

** Media characteristics vary. HP cannot guarantee performance of media not listed in the Media Locator and recommends testing prior to use. According to media gamut guidelines.

*** Above 250 microns according to HP media gamut guidelines.

Learn more at
www.hp.com/Indigo-200K

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