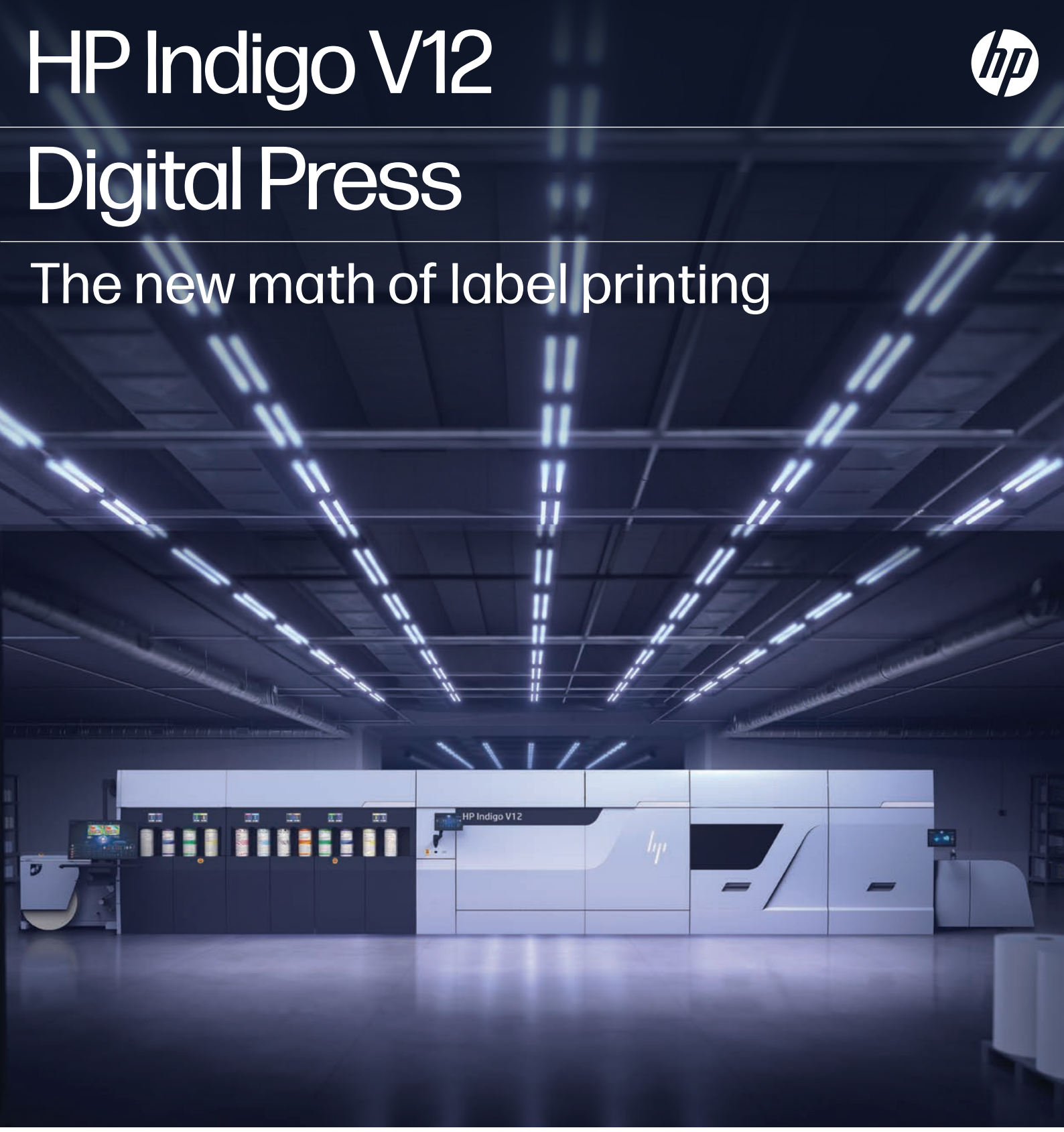
HP Indigo V12 Digital Press

The new math of label printing



Revolutionizing label production, again.

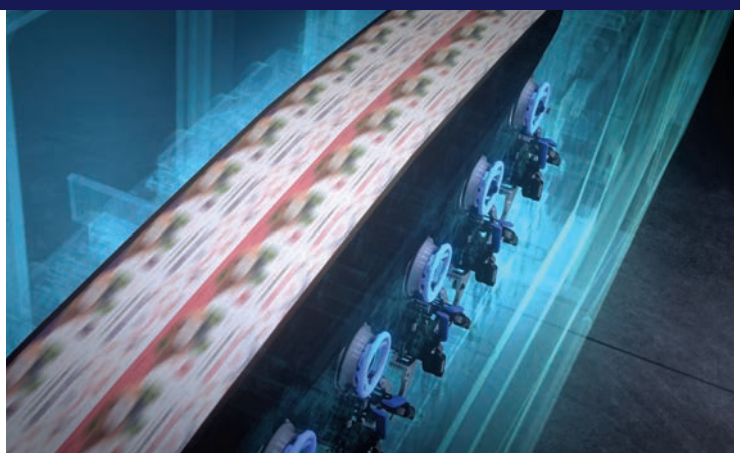
The HP Indigo V12 Digital Press is rooted in HP Indigo's industry-winning formula, utilizing the new industry-altering LEPx technology to reinvent digital efficiency, and drive an earning power comparable to multiple flexos.

This narrow-web label press, the first of the Series 6 HP Indigo Digital Presses, will push the digital to flexo "breakeven point" and support the all-signature application and the media versatility of HP Indigo's technology for label and packaging production.

HP Indigo V12 Digital Press

The HP Indigo V12 Digital Press, which uses industry altering LEPx technology, will revolutionize label production. Label converters will be able to outgrow the market by changing their mindset to Indigo first and flexo second. At the same time, brands benefit from an agile and sustainable supply chain that makes no compromises in terms of print quality or packaging innovation.

Remove the analog burden of plates, ink mixing, and lengthy makeready processes. At 120 meters/min (400 linear feet) the HP Indigo V12 delivers the earning power of multiple flexo presses, producing tens of thousands of linear meters per day—with less waste, gravure-matching print quality, and unique digital capabilities.



Outstanding earning power

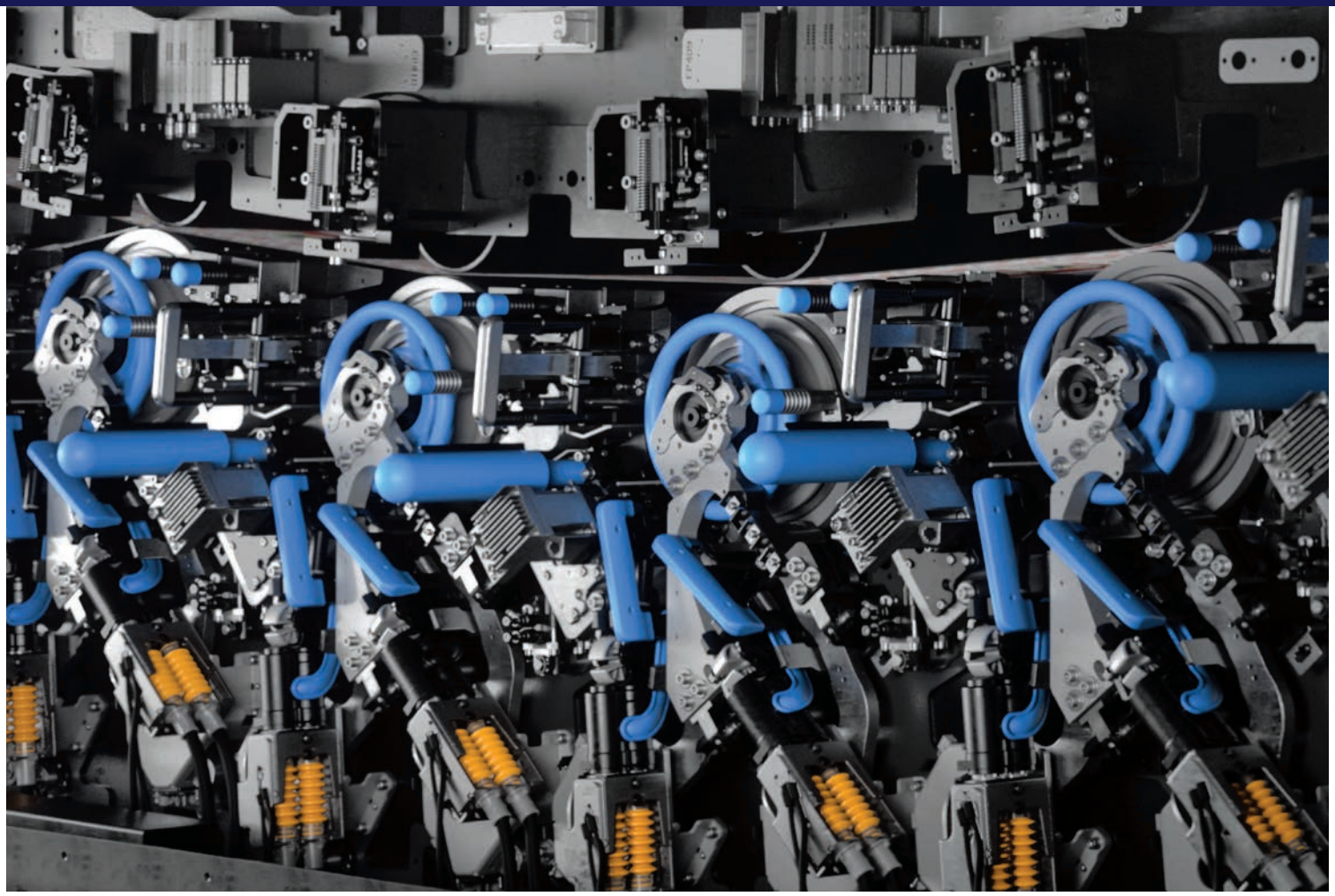
Use powerful V12 throughput to replace multiple flexo presses and their overheads.

- Deliver the highest production speeds at 120 meters/min (400 linear feet) for your mid- and long-run jobs.[1]
- Cut set-up time and substrate waste by more than 80% to make jobs of all sizes more profitable.[2]
- Easily produce multiple SKUs and variable data jobs with turnaround times.
- Control the press, manage production, and provide digital quality assurance with the innovative operator station.
- Enjoy continuous printing with integrated non-stop winding.

Rooted in an industry winning formula

Cutting-edge LEPx technology elevates your operation with breakthrough efficiencies built on proven HP Indigo capabilities.

- Make an impact with market-leading print quality.[3]
- Achieve high-quality prints on nearly any media, from 40 micron unsupported film to 450 microns, using the inline primer.
- Eliminate ink changeovers and boost design possibilities with 12 on-press ink stations.
- Count on color consistency and accuracy using HP Indigo automated color systems.
- 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]



Profitability meets sustainability

Producing most of your job basket on an HP Indigo digital press fleet is more cost effective and enables brands to meet their sustainability goals.

- Boost the circular economy with end-to-end solutions that support product recyclability and responsibly sourced media: recycled, recyclable, FSC® certified, PCW, compostable, and more.[5]
- Apply just-in-time production to medium and long runs to grow your competitive edge and effectively cut media waste and inventory scrap.
- Designed with the environment in mind, carbon neutral manufacturing, new digital plate and blanket.
- Food-packaging compliant with EU and FDA regulations.[6]

[1] Highest production speeds based on press specification comparison of major digital printing competitors as of September 2022.
[2] Based on internal HP analysis July 2022. Flexo set-up time is roughly 1 hour, compared to 10-15 minutes using HP Indigo. Set-up waste using flexo presses can be anywhere from 200-500 meters versus tens of meters with digital.
[3] Compared to major digital printing competitors as of November 2022.
[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] 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.
[6] 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.

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Technical specifications

Printing speed	394 ft/min (120 m/min) in up to 6-color mode 197 ft/min (60 m/min) in 7-12 color modes or when color printing order is different than press set up
Image resolution	Printing image resolution – 1624 DPI , 64 dpmm. Addressability: 1624 X 1624 DPI | RIP Resulotion 812 DPI, 32 dpmm
Line screens	HDI 175 HMF 200
Image size	12.64 x 209.84 in (321 x 5330 mm) maximum
Substrate thickness*	1.6 to 18 pt. (40 to 450 microns)
Substrate type	Pressure sensitive label stocks, unsupported films, paper, colored, textured Thermal sensitive substrates (shrink sleeves) and paper board
Web width	Max. width: 13.39 in (340 mm) Min. width: 7.87 in (200 mm)
Inline priming unit	Enables easy on-demand treatment of substrates
Unwinder: Input roll max. diameter	39.37 in (1000 mm)
Core inside diameter	Standard: 3 in (76.2 mm) Optional: 6 in (152.4 mm)
Max. roll weight	595 lb (270 kg)
Rewinder: Max roll diameter	27.56 in (700 mm) max
Print server	PrintOS Production Pro for Labels and Packaging
Ink stations	12 ink stations: 4 dual can replacement (revolver) stations + 2 quad can replacement stations (revolver) + 6 single can replacement stations
Cloud connectivity	Via HP PrintOS
Press dimensions	L: 14130mm x W: 2092 mm x H: 2336 mm (12 inks stations) L: 556.3" x W: 82.4" x H: 92" (12 inks stations)
Press weight	17.5 ton (12 inks stations not finalized)
HP Indigo ElectroInks	Cyan, Magenta, Yellow, Black, Orange, Violet, and Green
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
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing System (IMS) for spot color creation using CMYK as well as Orange, Violet, Green
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 off-press (IMS) for achieving up to 97% of the PANTONE® color range
Options	
Automatic web feed	Butt splicer
Automatic web unloader	Turret rewinder

Learn more at hp.com/go/indigo

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This is an HP Indigo digital print