THE PRODUCER

Optimize your production shop floor—the ultra-productive press for on-demand medium-to-long runs.

Help grow your revenue by addressing longer runs, more SKUs, and more variable data jobs with fast turnaround times using this ultra-productive press, built on the versatile performance and brand quality you can only get with HP Indigo technology. Existing customers can also free up capacity for their HP Indigo 6x00 digital presses to run short, high-margin jobs and free up capacity for their analog press to run longer, simpler jobs.

HP Indigo 8K Digital Press
Technical specifications

Printing speed	197 ft/min (60 m/min) in 4-color mode 263 ft/min (80 m/min) in Enhanced Productivity Mode
Image resolution	812 dpi at 8-bit; addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	175, 180, 196, 210 lpi
Image format	112.32 in (313 mm)
Substrate thickness*	0.5 to 18 pt. (12-450 microns)
Substrate type	Pressure-sensitive labels and shrink sleeves stock
Web width	Max. width: 13.39 in (340 mm) / Min. width: 7.87 in (200 mm)
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)
Inline Priming Unit	Enables easy on-demand treatment of substrates
Rewinder	27.56 in (700 mm) max. roll diameter
Print server	HP Production Pro for Indigo Labels & Packaging
Press dimensions	Length: 41ft (12.5 m), Width: 7.87 ft (2.4m), Height: 6.9ft (2.1m)
Cloud connectivity	Via PrintOS[X]
Press weight	21,090 lb, (9566 kg) including inline priming unit
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
Additional process inks	Standard White, White for Sleeves, and Premium White
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, Reflex Blue, Rhodamine Red, Bright Yellow, and Transparent
PANTONE® colors	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, 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	
Enhanced Productivity Mode	Enables three-color EPM printing (Cyan, Magenta, Yellow)
Configurations	Dual mode inline finishing connectivity kit, flexible packaging packer arm support in rewinder,
Print server options	PrintOS Production Pro for Labels and Packaging
Reinsertion	Simplex capability

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

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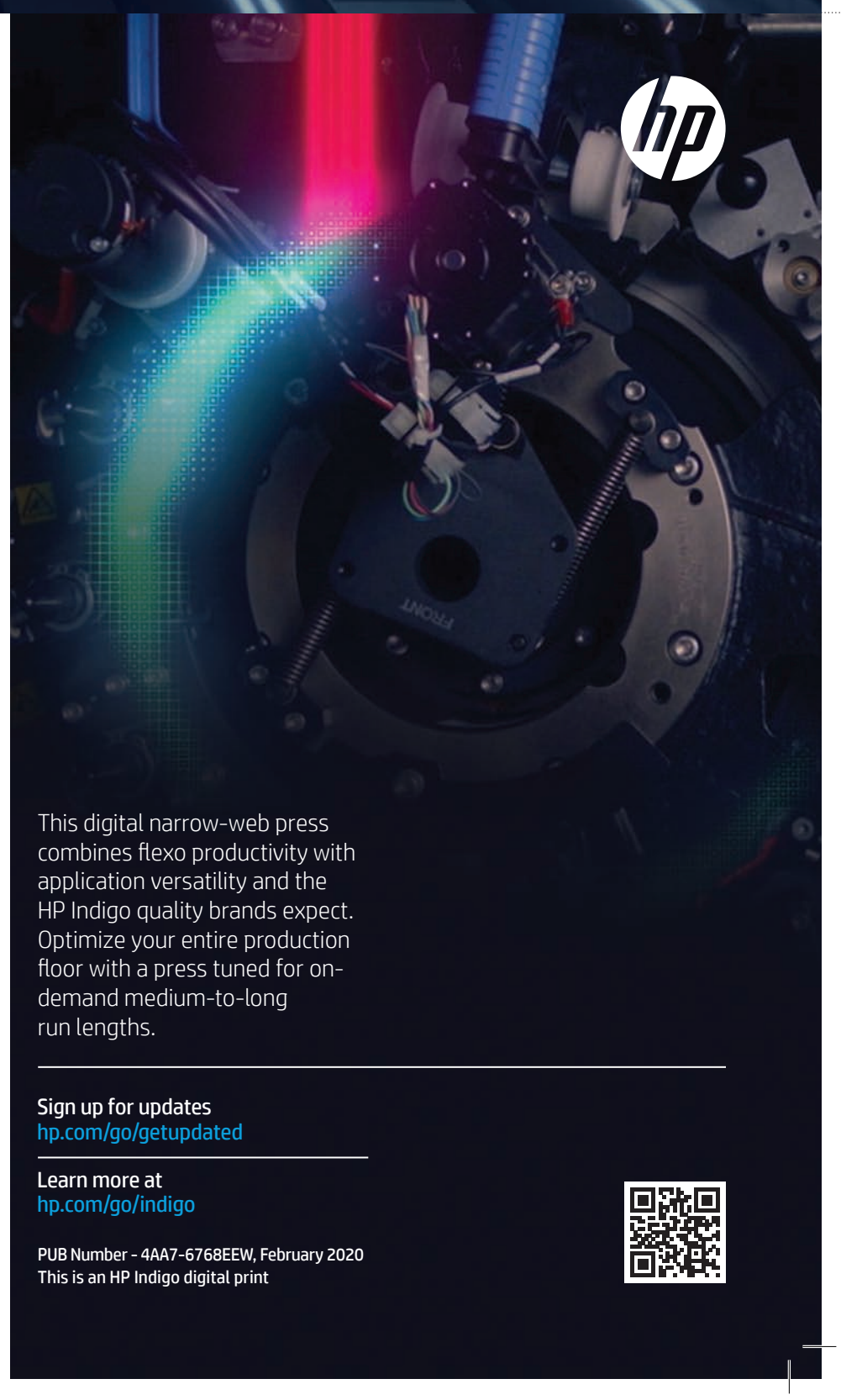


This digital narrow-web press combines flexo productivity with application versatility and the HP Indigo quality brands expect. Optimize your entire production floor with a press tuned for on-demand medium-to-long run lengths.

Sign up for updates
hp.com/go/getupdated

Learn more at
hp.com/go/indigo

PUB Number - 4AA7-6768EEW, February 2020
This is an HP Indigo digital print

The Perfect Equation for Label Production

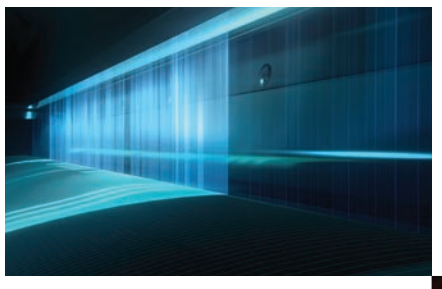
From super simple to creative and complex, label jobs have become more diverse and increasingly difficult to forecast. In the course of a single shift, you need the agility to quickly pivot and cater to the unique demands of any job and any run length. Short turnarounds are now a mandate and workflow efficiency, a must.

With an installed base of thousands of presses worldwide, HP Indigo digital presses and their signature advantages are already redefining the way things work. Consistently reach any color. And do it with the unmatched versatility of media, inks and applications. Step into an ecosystem of tools, support, technology breakthroughs and continuous improvement. It all adds up to a proven formula for the long-term success of your labels business.

Multiply business opportunities

The power of HP Indigo's technology

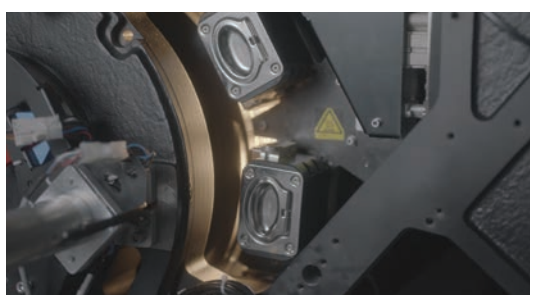
The perfect equation



Flexo productivity with HP Indigo flexibility

Optimize your entire production floor with a press that provides flexo-level productivity with the advantages of HP Indigo digital printing.

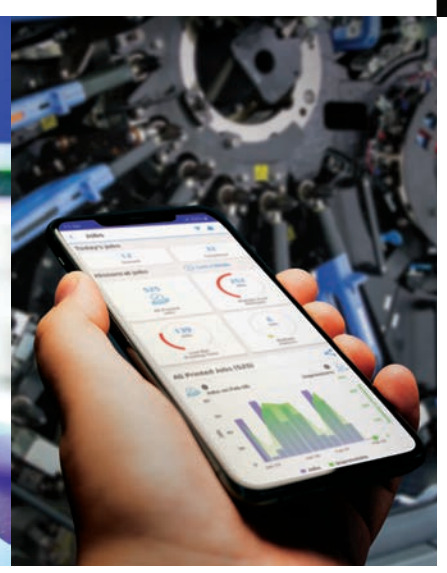
- Meet fast turnaround times with speeds up to 80 linear meters per minute in full color, with a press tuned for mid-to-long runs.
- Optimize your production floor—run short jobs on the HP Indigo 6K Digital Press, medium-to-long jobs on the HP Indigo 8K Digital Press, and longer, simpler jobs on flexo.
- Streamline digital operations around HP Indigo technology, HP PrintOS[X] workflow ecosystem, ink set, and supply chain.
- Minimize complexities, waste, and overhead to deliver eco conscious, with the agility demanded by your market.



Unmatched media and application versatility[2]

Expand into higher-margin applications with unmatched versatility.[2] Print everything from pressure-sensitive labels to flexible packaging and shrink sleeves.

- Diversify your business and gain new revenue streams by producing virtually any label or packaging application from pressure-sensitive labels to sleeves, IML, wrap-arounds, and flexible packaging.
- Seize business opportunities with the widest range of specialty inks, including spot colors, fluorescents, and a comprehensive white ink portfolio.[2]
- Offer high-value jobs with brand protection elements, variable data, and unique designs with HP SmartStream Mosaic and HP SmartStream Collage.
- Easily produce shrink sleeves with high-opacity white, specially designed for sleeves.



The choice of the world's leading brands

Deliver gravure-matching quality to satisfy high brand expectations with HP Indigo liquid electrophotography (LEP) technology.

- Deliver high-resolution, high-quality printing with HP Indigo liquid electrophotography (LEP) technology.
- Hit up to 97% PANTONE® gamut on press using CMYK, OVG, and spot colors.
- Enable perfect color registration with HP Indigo One Shot Color technology.
- Count on color consistency and repeatability using automated color calibrations and on-the-fly monitoring.

HP INDIGO 8K DIGITAL PRESS

[1] 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. HP Indigo compliance with food packaging regulations: 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; EUPIA Guideline on Printing Inks Applied to the Non-Food Contact Surface of Food Packaging Materials and Articles (November 2011); 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. [2] Compared to major digital printing competitors providing narrow-web solutions as of November, 2019.

PrintOS[X]
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.