

HP Indigo 8K



Digital Press

The first choice for high productivity digital label printing



Answer the need for on-demand medium-to-long runs

Help grow your revenue by addressing longer digital runs with more SKUs and more variable data jobs. The reliable and ultra-productive HP Indigo 8K Digital Press is built on the versatile performance and brand quality you can only get with HP Indigo technology.

Harmonize your production floor with this narrow-web press, which combines flexo speed with application versatility allowing each of your presses to work within its sweet spot. Run short, versatile jobs on the HP Indigo 6K Digital Press, convert medium-to-long run jobs to the HP Indigo 8K Digital Press, and find free flexo capacity for long, simple jobs.

HP Indigo 8K Digital Press. The first choice for high productivity digital label printing.

Adopt an Indigo-first mindset with flexo speed and 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
- Harmonize your production floor, letting each asset work within its sweet spot. Run short, versatile jobs on the HP Indigo 6K Digital Press, convert medium-to-long run jobs to the HP Indigo 8K Digital Press, and find free flexo capacity for longer runs
- Apply just-in-time production for medium-to-long runs, reducing media waste and inventory scrap with new features like automated substrate changeover with dual web guide sensors
- HP Indigo ElectroInk can be used to produce certain food packaging that complies with EU and FDA regulations and key industry standards^[1]

Outstanding media and application versatility

Expand into higher-margin applications with outstanding versatility. 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 a wide range of specialty inks, including spot colors, and comprehensive white ink portfolio
- Easily and efficiently produce shrink sleeves with premium white, specifically designed for sleeves
- Offer high-value jobs with multi-layer brand protection elements, variable data, and unique designs with HP SmartStream Mosaic and HP SmartStream Collage
- Achieve high mechanical, water, oil, and chemical durability with Label Durability Solutions approved by HP



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. The HP Indigo 8K Digital Press is built with the same technology and print engine as the 6K, providing the same colors, ink color strategy, operations, and spare parts
- Enable perfect color registration with HP Indigo One Shot Color technology
- Hit up to 97% PANTONE® gamut on press using CMYK, OVG, and spot colors
- Count on color consistency and repeatability using automated color calibration and on-the-fly monitoring
- Participate in the circular economy with an end-to-end solution that supports product recyclability and responsibly sourced media: recycled, recyclable, FSC® certified, PCW, compostable, and more



HP 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 8K Digital Press



Technical specifications

Printing speed	197 ft/min (Up to 60 m/min) in 4-color mode 263 ft/min (Up to 80 m/min) in Enhanced Productivity Mode
Image resolution	812 dpi at 8-bit; addressability: 2,438 x 2,438 dpi HDI (High Definition Imaging)
Line screens	175, 180, 196, 210 lpi
Image format	112.32 in x 38.58 in (special marks complete print width format to 12.59 in) 313 mm x 980 mm (special marks complete print width format to 320 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: <ul style="list-style-type: none">• 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 and Packaging
Press dimensions	Length: 41 ft (12.5 m), Width: 7.87 ft (2.4 m), Height: 6.9 ft (2.1 m)
Cloud connectivity	Via HP PrintOS
Press weight	21,090 lb (9,566 kg) including inline priming unit
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
Additional process inks	Standard White, Premium White, and Premium White for sleeves
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.

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.

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This is an HP Indigo digital print

