# HP INDIGO DIGITAL PRESS 8K

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.

## THE PRODUCER

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

# 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.
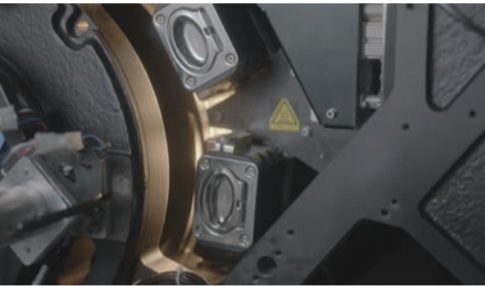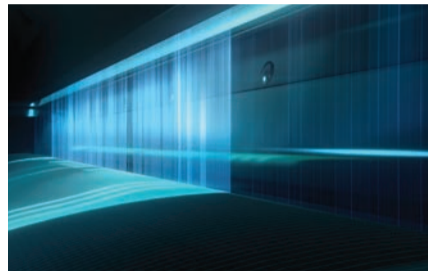
**Multiply business opportunities**

**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

**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.
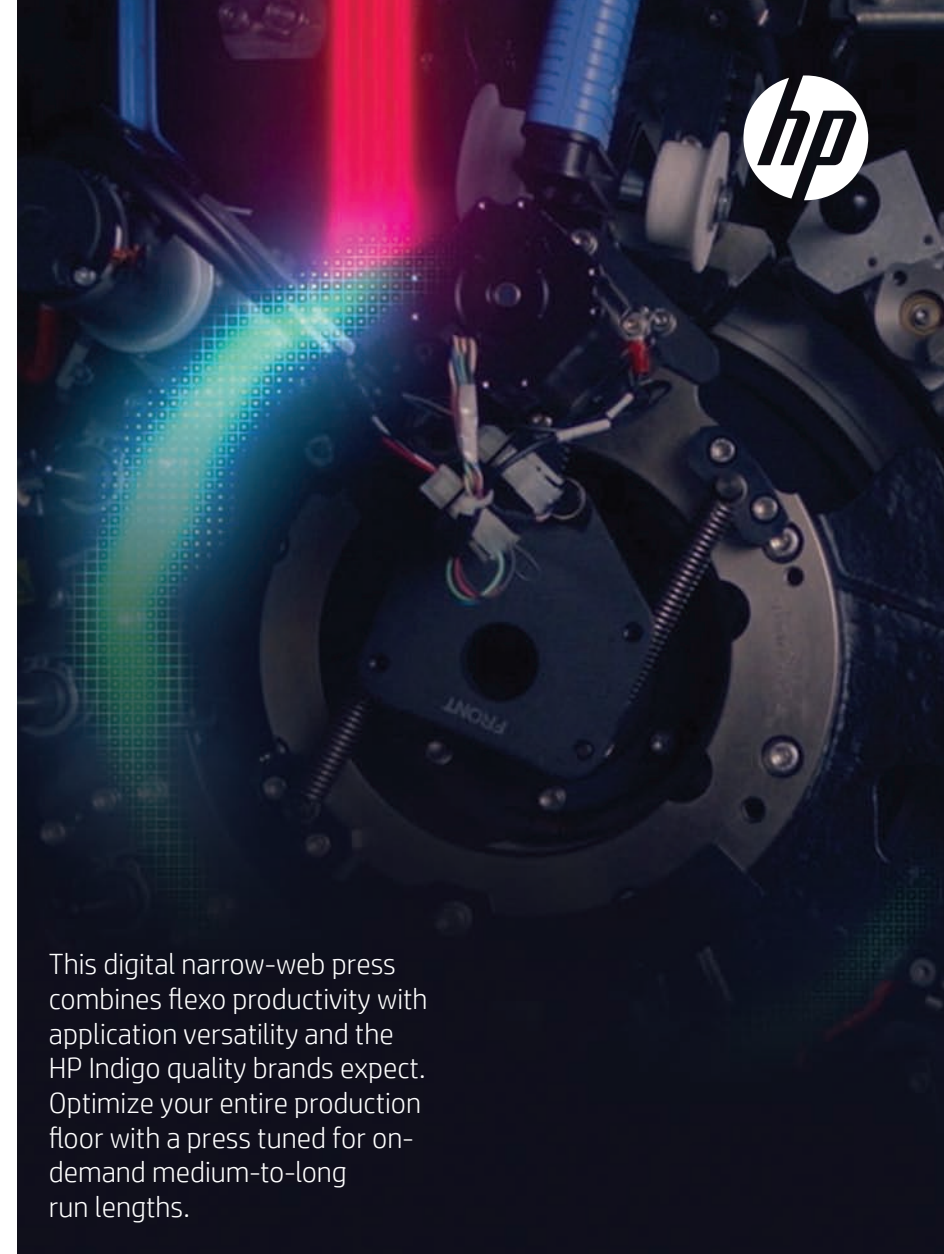
**SUSTAINABILITY**
Step right into the forefront by exceeding your customers' demands and lead a new era of responsible printing.

# HP Indigo 8K Digital Press
## Technical specifications

| | |
|---|---|
| Printing speed | 197 ft/min (60 m/min) in 4-color mode<br>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)<br>Core inside diameter:<br>• Standard: 3 in (76.2 mm)<br>• Optional: 6 in (152.4 mm)<br>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;<br>HP IndiChrome Plus on-press;<br>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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