

HP  
INDIGO  
DIGITAL PRESS

6K

Offer nearly any application imaginable and meet the needs of the world's most creative brands. Add high-value capabilities, from brand protection to embellishments<sup>2</sup>, with greater production efficiencies, and look toward rapid growth of your print volumes.



**ANY JOB. EVERY DAY.**

The industry standard for digital label production.





# 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.



## Boost productivity to print more

Gain production efficiencies that translate into maximized output with fastest time-to-market.<sup>5,6</sup>



Multiply business opportunities

The power of HP Indigo's technology

The perfect equation



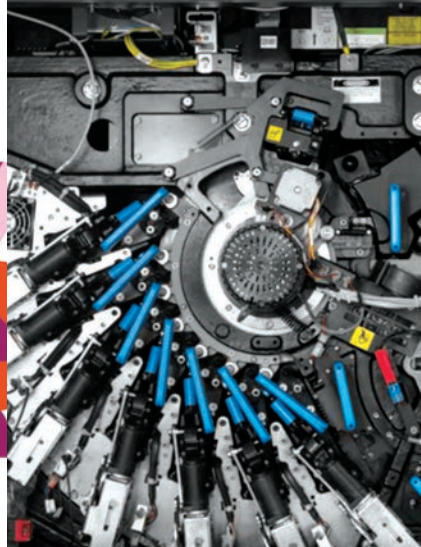
- Faster time-to-color<sup>5</sup> enabled by HP Indigo Spot Master technology and automated color-matching process.
- Gain front-end efficiencies with up to 5 times faster RIP<sup>6</sup> with HP Indigo Production Pro for L&P DFE.
- Increase output with HP PrintOS<sup>x</sup> workflow and converting solutions that enable end-to-end automation from order to fulfillment.
- Generate and manage SMB brands' on-demand short runs with a market-proven Web-to-print solution.<sup>1</sup>

## Grow with endless opportunities and a true CAN-DO

Whether you're expanding your offering to existing customers or tapping into new markets, you are equipped to deliver.

- 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, flexible packaging, and folding cartons.
- Offer a suite of embellishment solutions, from a fully integrated, one-pass, print and embellish HP Indigo GEM to eye-catching print-over-foil designs using the KURZ DM-Jetliner®.<sup>2</sup>
- Seize business opportunities with the widest range of specialty inks<sup>3</sup> including HP Indigo ElectroInk silver, fluorescents, and a comprehensive white ink portfolio.
- Offer smart packaging with brand protection elements, variable data, and unique designs with HP SmartStream Mosaic and HP SmartStream Collage.





## Exceed brand expectations with confidence

Create higher value for your customers with the widest ink portfolio<sup>3</sup> and a broad range of embellishments.<sup>2</sup>

- Deliver high-resolution, high-quality printing with HP Indigo liquid electrophotography (LEP) technology.
- Enable perfect color registration with HP Indigo One Shot Color technology.
- Count on color consistency and repeatability using HP Indigo Spot Master and other automated color calibrations, and on-the-fly monitoring tools.



# HP INDIGO 6K DIGITAL PRESS



[1] Based on third-party published market report, 2019. Market-proven solution based the HP Indigo 6900 Digital Press, with over 1500 installations worldwide as of November, 2019. [2] Requires purchase of the HP Indigo GEM solution or KURZ DM-Jetliner® solution. [3] Compared to major digital printing competitors providing narrow-web solutions as of November, 2019. [4] Requires purchase of third-party Pack Ready for Labels solution. [5] Compared to the HP Indigo 6900, 20000, and 30000 Digital Presses as of November, 2019. Enabled by Spot Master technology. [6] Up to 5 times faster RIP compared to the previous DFE version. Based on internal HP testing of a variety of jobs under a variety of configurations. RIP time results vary based on images, small text, VDP, color gradients, spot colors, and tints (halftones).

#### PrintOS<sup>x</sup>

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.

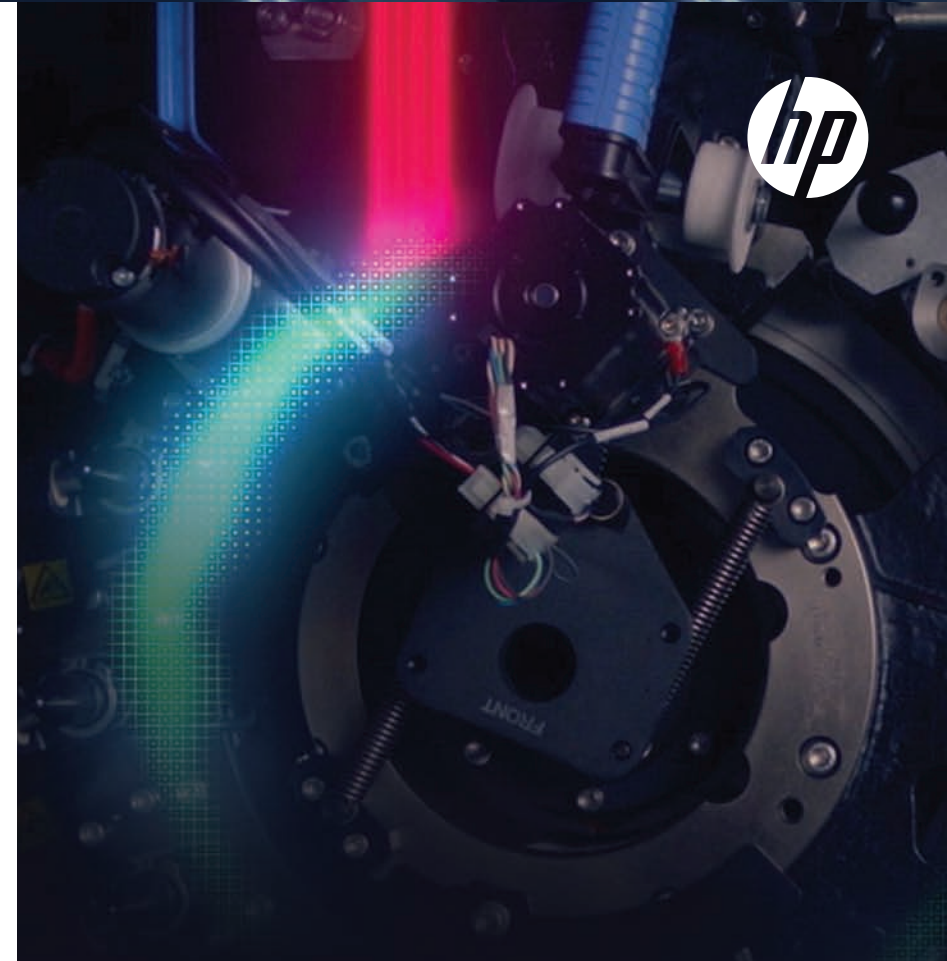
## HP Indigo 6K Digital Press

### Technical specifications

Printing speed	Up to 98 ft/min (30 m/min) in 4-color mode Up to 130 ft/min (40 m/min) in Enhanced Productivity Mode Up to 196 ft/min (60 m/min) in 1- or 2-color 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 size	12.59 x 38.58 in (320 x 980 mm) maximum
Substrate thickness*	0.5 to 18 pt. (12 to 450 microns)
Substrate type	Pressure-sensitive label stock, paper, unsupported films, and paperboard
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)
Rewinder	27.56 in (700 mm) max. roll diameter
Print server	HP Production Pro for Indigo Label & Packaging
Press dimensions	Length: 228 in (5780 mm), Width: 155 in (3940 mm), Height: 83 in (2108 mm); Inline Priming Unit: Length: 55 in (1410 mm); Width: 61 in (1560 mm); Height: 40 in (1760 mm)
Cloud connectivity	Via HP PrintOS <sup>x</sup>
Press weight	12,157 lb (5400 kg); Inline Priming Unit: 4000 lb (1800 kg)
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
Additional process inks	Standard White, Premium White, White for Sleeves, Fade Resistant Yellow, Fade Resistant Magenta, Fluorescent Pink/Yellow/Orange/Green, HP Indigo Invisible ElectroInks (Yellow/Blue/Red/Green). HP Indigo ElectroInk Silver
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange, and Violet
HP IndiChrome Plus 7-color printing	Cyan, Magenta, Yellow, Black, Orange, and Violet
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)
Inline Priming Unit (ILP**)	Enables easy on-demand treatment of substrates
Configurations	Dual mode inline finishing connectivity kit, flexible packaging packer arm support in rewinder, Automatic Alert Agent (AAA), Color Automation Package
Print server options	PrintOS Production Pro for Labels and Packaging
Reinsertion	Simplex and duplex 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 narrow-web digital label workhorse enables the widest range of applications<sup>1</sup> with an abundance of special inks and one-pass embellishments.<sup>2</sup> You can now deliver even more jobs per day with higher quality.<sup>1</sup>

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[hp.com/go/indigo](https://hp.com/go/indigo)

PUB Number - 4AA7-6766EEE, February 2020  
This is an HP Indigo digital print

