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)
- • 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

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
- 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™

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

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ANY JOB. EVERY DAY.
The industry standard for digital label production.

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*, with greater production efficiencies, and look toward rapid growth of your print volumes.

* Media characteristics vary. HP cannot guarantee performance of media not listed in the Media Locator and recommends testing prior to use.
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.\(^4\)

- Faster time-to-color\(^5\) enabled by HP Indigo Spot Master technology and automated color-matching process.
- Gain front-end efficiencies with up to 5 times faster RIP\(^6\) with HP Indigo Production Pro for L&P DFE.
- Increase output with HP PrintOS\(^X\) 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.\(^1\)

\(^1\) 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).