



# HP Indigo 6K+ Digital Press

The market-leading digital label press just got better and provides the tools for the future of work.

Unlock Versatility. Increase Productivity. Grow Profitability.



# The HP standard for print quality and versatility, now with increased robustness and productivity

As demand grows for shorter runs, more SKUs, faster turnaround and sustainable production - converters need agile digital solutions. The new HP Indigo 6K+ Digital Press—built on the market-leading platform—is designed to meet these needs with high productivity, outstanding print quality, and unmatched versatility. Say 'yes' to any job with confidence.



## Meet any market need

Increase profitability with the HP Indigo versatility and print quality standards powered by exceptional scaling

- Leverage offset-matching print quality to enable seamless conversion from analog to digital jobs
- Benefit from a high-mix job basket - leverage wide media range, rapid roll replacement, and quick setup time
- Increase your sellable labels with unmatched scaling and print accuracy
- Diversify into new markets - produce labels or packaging applications for any vertical
- Reach up to 97% of the color gamut<sup>1</sup> with the widest range of specialty inks
- Offer smart labels - embedded with a variety of brand protection elements, and powered by the HP PrintOS Creativity Power Pack for variable data designs



More sellable labels

Reach up to 97% of the color gamut<sup>1</sup>

Offer smart labels

Win Web-to-Label jobs

# Maximize productivity with easy-to-use automation and AI-powered tools

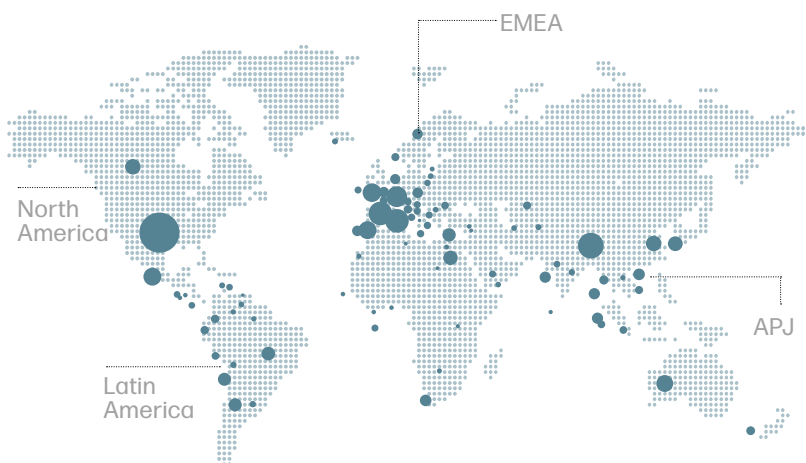
Boost your uptime with the reliable and robust hardware of the HP Indigo 6K+ Digital Press, powered by the new SmartControlSystem and equipped with intelligent automation and AI-powered tools.



- **Automate color management** and reach color faster, and maintain consistency throughout the run, with HP Spot Master
- **Automate quality control** with the AAA 2.0 machine learning algorithm which uses fast inline scanners to detect defects
- **Increase speed by 33%** and reduce energy consumption by 25%<sup>2</sup> with Enhanced Productivity Mode (EPM)
- **Benefit from real-time production insight** with HP Nio, the AI print companion, and HP PrintOS - Intelligent Automation software for print production
- **Address labor challenges** - with an easy-to-use press, better diagnostics and more automated processes

## Partner for growth

Grow your business confidently by partnering with the digital label market leader



HP Indigo 6X00 series around the world

- **Leverage customer success support** with a global network of >1,300 professionals, and onsite response within 4 hours\*
- **Create new revenue streams** by collaborating with HP strategic partners and opening new diversification options
- **Improve sustainability and profitability** by eliminating analog setup waste, reducing print job CO<sub>2</sub> emissions by 20%<sup>3</sup>, minimizing media environmental impact with recycled, recyclable, FSC certified, PCW and compostable substrates, and complying with food packaging regulations

\* Zone1, Enhanced SLA, during normal business hours



# 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: 2,438 x 2,438 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 a variety of sustainable media (see Media Locator)
Web width	Max. width: 13.39 in (340 mm) / Min. width: 7.87 in (200 mm)
Unwinder	Input roll max. diameter: 39.37 in (1,000 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 (5,780 mm), Width: 155 in (3,940 mm), Height: 83 in (2,108 mm); Inline Priming Unit: Length: 55 in (1,410 mm); Width: 61 in (1,560 mm); Height: 40 in (1,760 mm)
Cloud connectivity	Via HP PrintOS
Press weight	12,157 lb (5,400 kg); Inline Priming Unit: 4,000 lb (1,800 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, HP Indigo Invisible ElectroInks (Yellow/Blue), 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, 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
Enhanced Productivity Mode	Enables three-color EPM printing (Cyan, Magenta, Yellow)
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.
<b>Optional features</b>	
Inline Priming Unit (ILP)	Efficient, on-demand, waterbased priming of entire substrate range
Configurations	Dual mode inline finishing connectivity kit, flexible packaging packer arm support in rewinder
AI-powered tools and Automation	Automatic Alert Agent (AAA 2.0), Color Automation Package
Print server options	HP PrintOS Production Pro for Labels and Packaging, HP Nio AI print companion - paid subscriptions
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.

<sup>1</sup> Based on HP internal data about mixing inks and spot inks to achieve the widest color gamut, reaching up to 97% of PANTONE® colors, with special inks  
<sup>2</sup> EPM requires three color separations versus four for CMYK, resulting in the hike in productivity  
<sup>3</sup> Digital print reduces 90% of the analog-equivalent media setup waste, which amounts to cutting 20% of the carbon footprint of the printed job.

Learn more at  
[hp.com/Indigo-6K-plus](https://hp.com/Indigo-6K-plus)

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