

HP Indigo 6K



Secure Press

Digital security printing solutions
in one pass



Deliver multi-layered, personalized and
exclusive security solutions on one press,
in one pass^[1]

HP Indigo's digital, multi-layered security solutions—in alliance with JURA JSP—make counterfeiting an even greater challenge.^[1]

HP Indigo 6K Secure Press

Digital security printing solutions in one pass

HP Indigo, with its years of leading technology, customer experience, reliability, and strong, trusted reputation, is creating a never-before-seen approach to restricted digital security printing^[3]; multi-layered, personalized solutions for the security industry; and new, innovative digital printing solutions for advanced brand protection.^[2]

Make counterfeiting harder

Deliver multi-layered, serialized, and restricted security solutions to fight back against counterfeiters.

Our solutions leverage industry-leading HP Indigo LEP digital print technology to provide a vast portfolio of unique features and solutions for different levels of security printing and advanced brand protection^[2], achieved on one press, in one pass^[1]—making counterfeiting an even greater challenge.

- Efficient, secure production on one press, in one pass^[1] versus multiple passes through multiple devices, helps save time and money.
- Innovative, restricted, and exclusive security inks cannot be used with other digital print technologies.
- Can prevent potential security breaches with the customized and unique press signature/fingerprint.
- Secure workflows and end-to-end security, from different levels of restriction to inks delivered through HP's secure supply chain.^[4]
- Built on exclusive, proprietary HP Indigo LEP technology and renowned security solutions that cannot be copied.
- Enable perfect color registration with HP Indigo One Shot Color technology.
- Offset quality with full digital image blanket transfer.



Respond quickly to counterfeiting with digital

When it comes to security printing, the difference between digital and traditional technologies is clear to see. HP Indigo Secure solutions enable efficient, on-demand printing of a wide array of multi-layered, serialized, multi-purpose security features achieved on one press, in one pass.^[1]

- Drive innovation with HP Indigo digital printing, which continues to evolve, grow, and enhance what's possible when it comes to security.
- Combat the ever-increasing capabilities of counterfeiters with continually evolving security printing solutions and cutting-edge tools.
- Use an exclusive, single source technology that offers a broad range of security options that can only be printed using an HP Indigo digital secure press on one press in one pass^[1] and can be part of a full authentication and track-and-trace solution.
- Unique multi-personalized security elements and multi-serialization techniques that are used for each printed product vs. traditional security printing, which is mainly based on repeatable high-resolution elements and minor serialization.
- Adapt to change with digital technologies that are quick to respond to counterfeiting and enable economical printing of low volume jobs.



Access industry leading security solutions

HP Indigo 6K Secure complies with international standards for security printing. Our presses are sold exclusively to high security printers. Our security solutions are based on 4 pillars to deliver not only attractive designs, but also state-of-the-art security:

- **Security by substrate:**

No limits. Print on nearly any substrate with this press and the proven in-line priming unit.

- **Security by inks:**

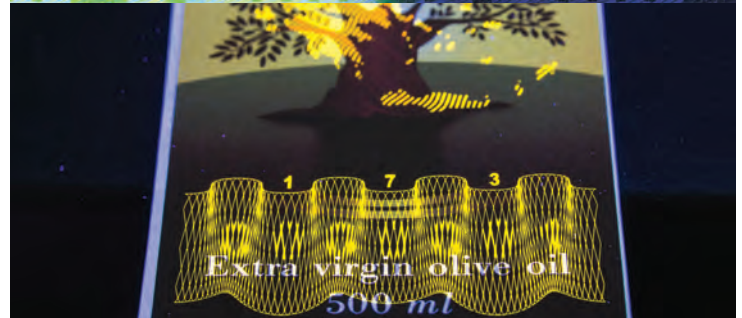
Print with a wide, almost limitless selection of spot colors and exclusive digital inks. Inks cover standard PANTONE® colors as well as unique recipes and shades, including metallics and color shifting inks. Integration with secure taggants and pigments, from trusted security suppliers like Bsecure and VerifyMe, provide an additional layer of security.

- **Security by design:**

JURA origination VDP software is fully integrated with HP SmartStream to deliver unique smartphone verifiable and offline authentication elements, enabling a high level of security by design.

- **Security by technology:**

Deliver exclusive and unique digital security elements, backed by a secure workflow that records every print with the press operator's ID and time stamp. Unauthorized activity, like reprints or unapproved jobs, is prevented as the printer becomes disabled.



Print OS

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, 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.

^[1] One pass compared to traditional security solutions that typically require multiple passes through multiple devices. For example, HP Indigo Secure solutions can print secure inks, secure graphical design, and secure serialization on one press, in one pass. A never-before seen approach.

^[2] Advanced brand protection includes protecting brands against product diversion, counterfeiting, liabilities, and reputation loss. HP Indigo Secure allows the authenticity of the product with features like serialization, invisible inks, and track and trace. On one press, in one pass.

^[3] Never-before-seen HP Indigo security printing solution, including solutions based on HP Indigo LEP technology, HP Indigo inks, and new solutions, based on alliances, designed specifically for HP Indigo technology.

^[4] HP's supply chain is fully controlled from production to end customer. High-security inks have additional secure manufacturing and distribution protocols.

HP Indigo 6K Secure 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
Secure print server	Production Pro DFE for secure press
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)
Secure production environment	High Secure Package for HP Indigo 6K Secure Press
Press weight	12157 lb (5400 kg); Inline Priming Unit: 4000 lb (1800 kg)
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
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
Security Inks	HP Indigo Invisible ElectroInks (Yellow and Blue)
Additional process inks	Standard White, Premium White, White for Sleeves, Fade Resistant Yellow, Fade Resistant Magenta, Fluorescent Pink, HP Indigo ElectroInk Silver
Options	
Composer VDP Server	HP SmartStream Composer VDP Server
Designer	HP SmartStream Designer
Press microstructure	JURA Microstructure for HP Indigo 6K Secure Press
Cloud connectivity	Via HP PrintOS
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
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.



Independently verified for
environmental credentials

Learn more at
hp.com/go/indigo

PUB Number - 4AA8-0016ENW, January 2023
This is an HP Indigo digital print

