HP INDIGO DIGITAL PRESS
WS6800

The Certified Pre-Owned[1] HP Indigo WS6800 Digital Press enables you to print nearly any label & packaging application at any run-length in a simpler, more productive and profitable way.

HP Indigo
CERTIFIED
Pre-Owned

A HIGHLY PRODUCTIVE AND
VERSATILE NARROW-WEB LABEL PRESS

hp

Driving unmatched quality, productivity and versatility at never before seen economics

The HP Indigo 6000 Digital Press Series is the market-leading narrow-web printing solution for digital labels and packaging production. The press delivers unparalleled quality, unmatched versatility with the broadest range of applications, streamlined production, higher productivity for the production of high-value applications, at an attainable price.

The HP Indigo WS6800 Digital Press allows you to print any label, at any run-length in a simpler, more productive and profitable way. Eliminate the need for tooling, and enable converters to add a digital press to their production floor, powered by the best E2E solution and user experience available in the industry.

Our certified pre-owned program sends presses through a strict approval process that includes a factory assessment, renewal process, and upgrade by HP technical experts[2]. Take advantage of this unique opportunity to experience the unmatched digital quality and advanced capabilities that define the HP Indigo digital printing portfolio—for a whole lot less.

Boost your sustainability

The is manufactured carbon neutral, and offers reduced production waste, a takeback program, and energy efficiency. Certified with the Intertek Green Leaf Mark. The Regenerated Imaging Oil (RIO) system allows the press to be self-sustainable in imaging oil usage.

Additionally, to reduce the impact of printing on the environment, the CPO program enables HP Indigo and its customers to engage in a circular economy by taking back previously owned Indigo presses and installing them at new customer sites.

Keeping you up to date.

Many press enhancements and upgrades are available as options for HP Indigo WS6000 Series Digital Press owners.

CO$_2$ neutral

To learn more, visit hp.com/go/graphic-arts or hp.com/go/hpindigoWS6800

The industry standard for digital label production

High resolution printing. HP Indigo's liquid electrophotography (LEP) technology, delivers crisp attractive images and smooth vignettes with a very thin ink layer that gives uniform gloss between the ink and substrate.

One Shot technology enables all colour separations to be transferred simultaneously in a single pass on to the substrate, for accurate and repeatable colour-to-colour registration, including on heat-sensitive materials.

The Colour Automation Package guarantees standards-matching colour accuracy and consistency. A built-in spectrophotometer and software tools simplify colour management and eliminate the need for expensive software, hardware and manual calibration processes. Create colour profiles and match PANTONE colours in a simple, precise process.

Address high-performance applications with Pack Ready for Labels, designed to improve the labels' resistance against water, chemical and mechanical exposure.

Enhanced Productivity Mode (EPM). Use three-colour printing to increase throughput by 33%, with 25% less energy consumed.

Access HP PrintOS^X anywhere, anytime and get more out of your HP Indigo presses. PrintOS^X is a collection of web and mobile apps that support the efficient production of labels and enables customers to simplify and automate production processes.

Optimize and control production, increase press utilization with cutting-edge RIP capabilities, and expand fleet connectivity by using our new, powerful, scalable and cloud-connected DFE - HP Production Pro for Indigo Labels & Packaging.

Workflow & Converting solutions. Including a full range of inline and offline converting systems, allow access to a complete ecosystem of end-to end automation, from order to fulfilment, enabling converters to boost profitability, solutions, including increase output, save time and reduce costs.

Digital embellishment solutions. Including eye-catching print-over-foil designs using the in-line KURZ DM-Jetliner® and digital foil, tactile and spot varnish using an off-line ABG DS3 with digital modules.

Grow with endless opportunities and a true CAN-DO

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.

Reach up to 97% of PANTONE® colours on press using CMYK or HP IndiChrome's 6 or 7 colour process. True spot colours can be ordered or mixed offpress with the HP IndiChrome Ink Mixing System for outstanding Pantone-approved solids.

Seize business opportunities with the widest range of specialty inks including HP Indigo ElectroInk Silver, Fluorescent pink, and a comprehensive white ink portfolio including the ElectroInk Premium White, a versatile, opaque white, delivering up to silk screen white opacity in a single print process with a thin white layer, fully dried and cured on impact.

Offer smart packaging with variable data and unique designs with HP Mosaic and HP Collage provide brands with tools necessary to obtain top quality layered protection, by offering a wide range of security features including microtext, track & trace solutions and invisible security inks, all printed on one press in one pass.

Widest range of media in digital production including synthetic and paper substrates from 12-450 microns (0.5 to 18 pt). Print on either preoptimised substrates or standard off-the-shelf materials using inline or offline priming solutions. Many eco-certified substrates as well as environmentally friendly primers, varnishes, and adhesives are supported.

Service Advantage

Our certified service teams are committed to meeting your end-to-end needs for accelerated ramp-up and maximum uptime. Remote engineers around the world provide support in multiple languages. Use the on-press capabilities of Print Care to resolve issues quickly and independently. The Smart Uptime Kit helps you to quickly locate the right part and manage your inventory.

Learn more at hp.com/go/indigoservice

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DIGITAL PRESS ■

CERTIFIED
Pre-Owned

1. Unwinder
2. Web guide
3. Inline Priming Unit
4. Priming station
5. Corona
6. Dryer
7. High-speed laser writing head
8. Charge roller
9. Photo Imaging Plate (PIP)

10. Binary Ink Developers (BIDs)
11. Blanket
12. Impression cylinder
13. Inline spectrophotometer
14. Ink cabinet
15. Inline scanner
16. Rewinder
17. Imaging oil recycling system

[1] Pre-owned HP Indigo digital press availability varies by press return rate and geographical location. Contact your local HP Indigo representative for availability.
[2] Proactive replacement is performed only on high "wear and tear" parts. "Wear and tear" parameters vary depending on the specific part. New parts will be used for replacement.
Press covers are not replaced and might present minor visual defects (i.e., scratches, etc.). Press will retain its original serial number and impression counter.

PrintOSˣ
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.
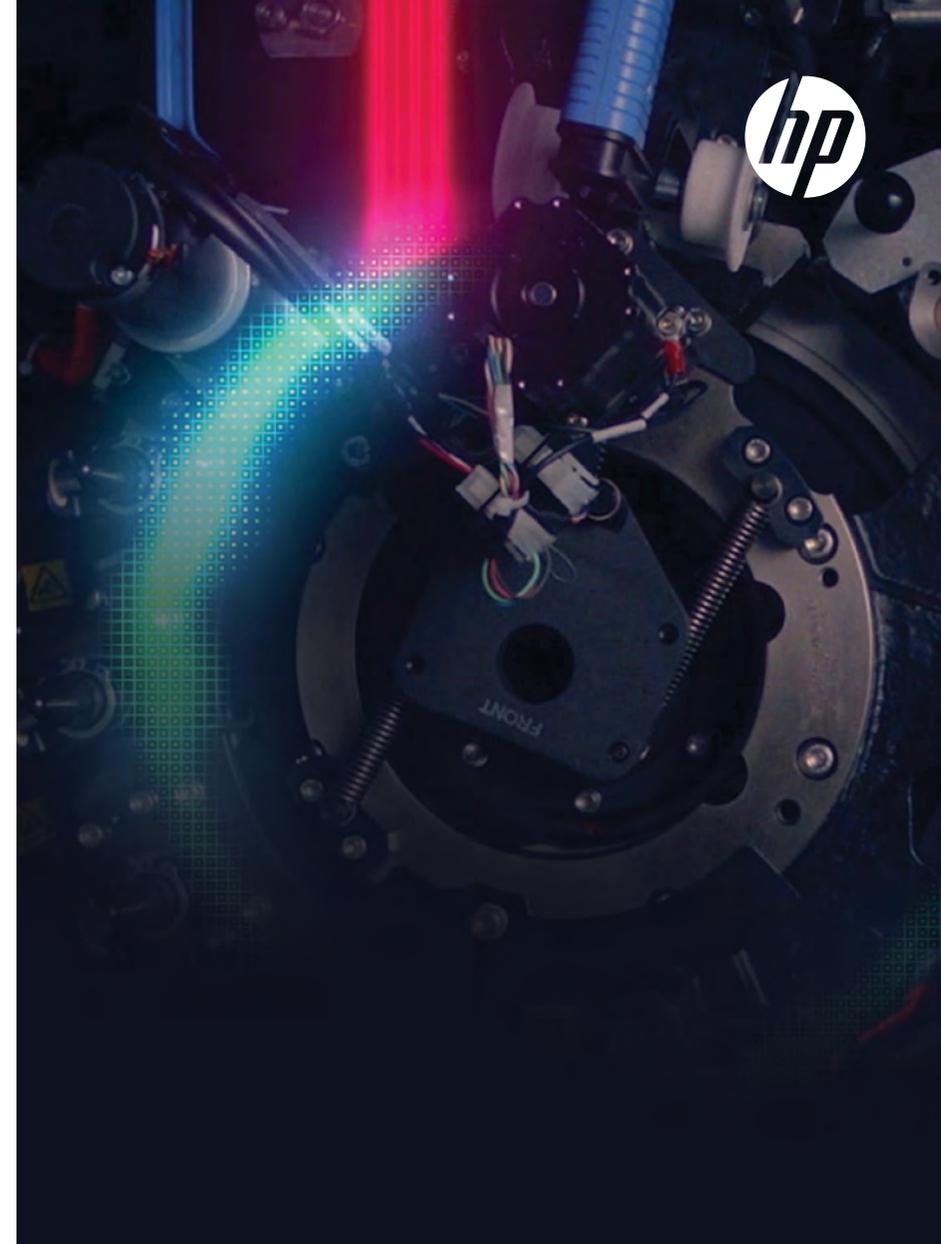
HP INDIGO SECURE
Apply never-seen-before adaptive security solutions that provide multi-layered digital protection in just one pass.

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

HP Indigo WS6800 Digital Press
Technical specifications

Printing speed	Up to 98 ft/min in (30 m/min) 4-colour mode Up to 130 ft/min in (40 m/min) Enhanced Productivity Mode Up to 196 ft/min in (60 m/min) 1- or 2-colour 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	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, paperboard, and unsupported films
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 SmartStream IN100 Labels and Packaging Print Server and Colour Engine, Powered by Esko
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 orange, HP Indigo ElectroInk Silver, HP Indigo Invisible ElectroInks (Yellow/Blue)
HP IndiChrome 6-colour printing	Cyan, magenta, yellow, black, orange, and violet
HP IndiChrome Plus 7-colour printing	Cyan, magenta, yellow, black, orange, violet, and green
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing System (IMS) for spot colour creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent
PANTONE® colours	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® colour range.
Options	
Enhanced Productivity Mode	Enables three-colour EPM printing
Inline Priming Unit	Enables easy on-demand treatment of substrates
Configurations	Dual mode inline finishing connectivity kit, flexible packaging packer arm support in rewinder, Automatic Alert Agent, Colour 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.

Sign up for updates
hp.com/go/getupdated

Learn more at
www.hp.com/indigo-certified-pre-owned