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[www.hp.com/indigo-certified-pre-owned](http://www.hp.com/indigo-certified-pre-owned)  
 PUB Number - 4AA7-9205ENE, February 2021  
 This is an HP Indigo digital print

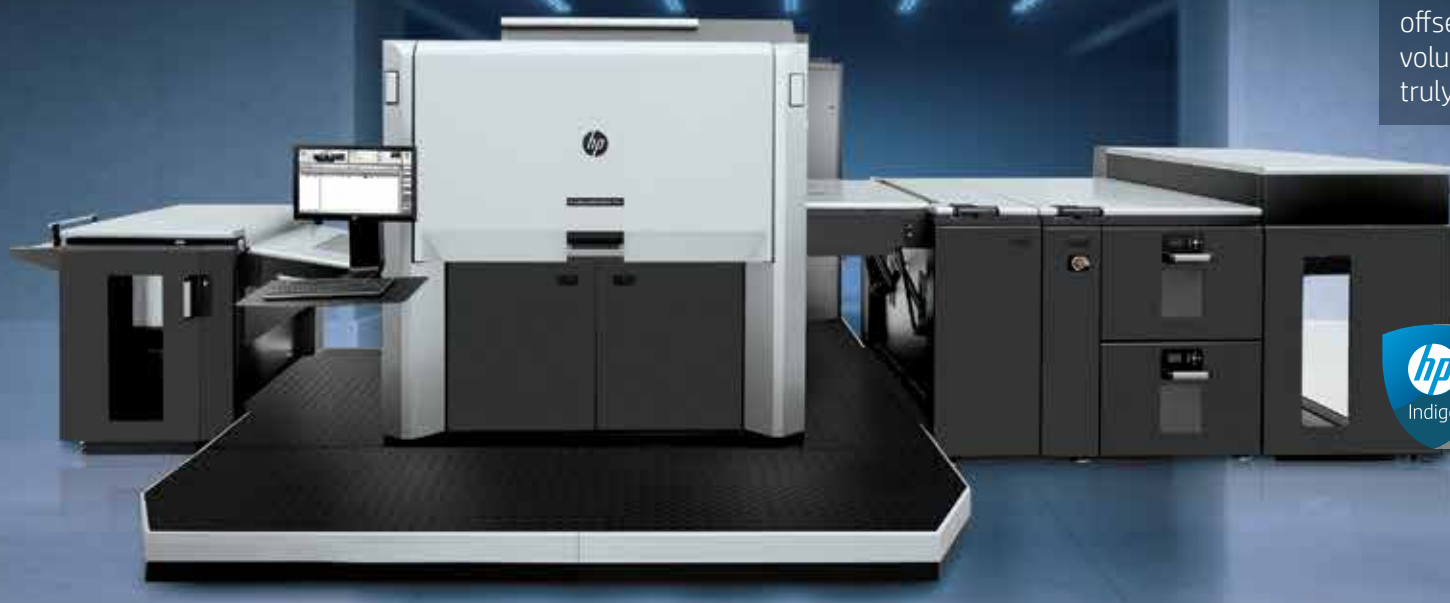
\* Media characteristics vary. If the media you are about to use is not listed in the Media Locator, HP cannot guarantee performance and we recommend that you test it prior to use.

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Printing speed	3450 sheets per hour 4/0; 4600 sheets per hour EPM 3/0; 1725 sheets per hour 4/4; 4600 sheets per hour 1/1 (monochrome)
Image resolution	HP Indigo 12000 (CP0) Digital Press 812 dpi at 8-bit, writing system addressability: 812 dpi (virtual 2438 x 2438 dpi) HP Indigo 12000 (CP0) HD Digital Press Addressability: 1625 DPI (virtual 4876 x 4876 DPI) RIP: 812 DPI at 8-bit "Fine line RIP" image resolution (option for HD only) Addressability: 1625 DPI (virtual 4876 x 4876 DPI) RIP: 1625 DPI at 8-bit full pipeline
Line screens	HP Indigo 12000 (CP0) Digital Press 175, 180, 180PM, 190EPM, HMF-200 LPI HP Indigo 12000 (CP0) HD Digital Press 175, 220, 250, 290 LPI, HMF-200, HDMF 6 color
Sheet size	Maximum sheet size: 29.5 x 20.81 in (750 x 530mm) (in-house cutting: 29.527 x 20.866 in) Minimum sheet size: 20.1 x 11.7 in (510 x 297mm) for simplex; 20.1 x 13 in (510 x 330) for duplex.
Image size	29.1 x 20.1 in (740 x 510mm) maximum
Paper weight*	Uncoated media: 50 lb text to 150 lb (70-400 gsm) cover. Coated media: 60 lb text to 150 lb (90-400 gsm) cover.
Feeder	Thickness 3-18 pt. (75-450 microns). Thick substrate kit up to 24 pt. (up to 600 microns) Palette feeder 3.4 in (85 mm) of media. Drawer feeder: Two or four drawers (option), each with 1.8 in (300 mm) of media.
Stacker	Main stacking tray with 33.4 in (850 mm) stack height supporting offset jogging
Print servers (DPE)	PrintOS Production Pro for Commercial
Press dimensions	Length: 320 in (8000 mm); Width: 185 in (4700 mm); Height: 94 in (2400 mm)
Press weight	HP Indigo 12000 (CP0) Digital Press 24,250 lb (11,000 kg) HP Indigo 12000 (CP0) HD Digital Press 24,470 lb (11,100 kg)
Cloud connectivity	Via HP PrintOSX
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
5-color printing	Use the 5th ink station
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
Special inks	Premium White, Light Cyan, Light Magenta, Light Yellow, Fluorescent Pink, Vivid Pink, Vivid Green, Transparent, Digital Ink Primer (DIP), Invisible Yellow
HP Indichrome off-press spot inks	HP Indichrome Ink Mixing Service for spot color creation using CMYK as well as Orange, Green, Reflex Blue, Rhodamine Red Bright Yellow, and Transparent
PANTONE® color	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and PANTONE Go™ HP Professional PANTONE Emulation Technology using CMYK on-press; HP Indichrome on-press; HP Indichrome Plus on-press; HP Indichrome off-press for achieving up to 97% of the PANTONE® color range
Options	HP Production Pro for Indigo Commercial Expanded color capabilities Auto Alert Agent One Shot process kit Auto Alert Agent + HP Imaging Fine line RIP 600-micron kit 5 input source feeder Additional two drawers that connect to the existing two drawers and pile Allows in-line connectivity to verify of Indigo's finishing partners Dual X-align

**Technical specifications**  
 HP Indigo 12000/12000 HD Digital Press

# HP INDIGO DIGITAL PRESS 12000/12000 HD



The Certified Pre-owned HP Indigo 12000/12000 HD Digital Press enables endless applications—and customer satisfaction—with a wide range of media and over 20 specialty inks. Simplify production with smart, automated tools while printing offset-matching quality and high volumes day in, day out with this truly robust press.



## B2 DIGITAL OFFSET PRESS WITH BREAKTHROUGH PRINT QUALITY\*

\*With HP Indigo HD Imaging system





## New business opportunities in commercial print

HP Indigo is redefining the role of digital with advances that blur the boundaries between all forms of print production. Digital isn't just for short runs anymore, longer runs can now affordably utilize digital flexibility. You get the look, feel and operational familiarity of offset, and labor-saving automation, at speeds that are already leading the market. It's your turn to thrive in a marketplace booming with new, high-margin ways to grow. With HP Indigo, you can start moving ahead of your competitors today.

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. 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.



### Raising the print quality benchmark (quality)

The leader in print quality and color. Enabled by HP Indigo's Liquid ElectroInk technology and unique digital offset process, prints produced on the HP Indigo 12000 Digital Press are of the highest quality. Using the breakthrough high-definition Imaging System\*, the press delivers the smoothest and sharpest prints in the industry, exceeding offset quality. HP Indigo ElectroInk has the widest digital color gamut, reaching up to 97% of PANTONE® colors and using up to seven ink stations on press. A fifth ink station is standard.

### Wide color gamut

Use the default fifth ink station to take advantage of special inks and spot colors. Emulate PANTONE® colors on-press using CMYK or HP IndiChrome's 6- or 7-color process. True spot colors can be ordered from the HP IndiChrome Ink Mixing Service Superior color management. HP Indigo offers a suite of integrated solutions that simplify and automate color management and enable you to save time and costs with fewer color adjustments and reprints.

### New benchmark for print quality

The HP Indigo HD Imaging System\*, a new high-definition writing head solution, doubles print resolution and decreases ink dot size by 30% compared to non-HD presses, for maximum smoothness on photo and high-end commercial applications. Surpass offset quality at 1600 DPI with high LPI screen sets up to 290 LPI, and create art-gallery quality prints with high detail reproduction.

- 175 LPI screen – Match quality and rosette sizes with non-HD Indigo digital presses.
- 220 LPI screen – Produce smoother skin tones, skies, and light-colored flat tints.
- Default 250 LPI screen – Reproduce finely detailed landscapes, other highly detailed images, and composite grays.
- 290 LPI screen – Clearly reproduce halftone text applications, fine lines, and text.

### Freedom to innovate and create unlimited applications (versatility)

**Any commercial job.** An easy fit for offset printers, the HP Indigo 12000 HD Digital Press offers a solution for the digital printing of any commercial application on virtually any substrate. Use the full sheet to print any high-impact commercial application, from attention-grabbing posters, to folders, oversized books, photo applications, specialty products using high value substrates or inks, and much more.

**Wide media range.** This embedded system makes it easy to achieve the highest possible Indigo quality within jobs and between jobs and includes three different capabilities. Registration cameras maintain tight image registration between sheets, front-to-back, and in colour plane registration (CPR); a Vision System performs automatic handsfree press calibrations and validates uniformity; and the spectrophotometer calibrates colour automatically.

**Widest range of special inks.** Produce jobs that were never-before possible, with our wide range of special inks. Print higher-value pages using white ink on colored media and spot colors. Achieve professional photo quality with Light Light Black, Light Cyan, and Light Magenta inks. Create a 'Wow' effect with transparent ink watermarks and high-impact fluorescent ink applications.

**Unlimited designs.** Automate the creation of millions of one-of-a-kind designs with HP SmartStream Mosaic variable design technology, now including color shuffling capabilities for sophisticated, high-value products.



**Even higher productivity.** Printing B2 sheets in color at up to 4600 per hour, the press is capable of producing over two million color sheets per month. Print monochrome in duplex at 4600 sheets per hour. Sophisticated automation tools boost production efficiency and uptime.

**Enhanced Productivity Mode.** Increase color throughput by 33% and consume 25% less energy per page. A pre-flight solution by Enfocus can automatically select suitable jobs.

**Make the best use of press time.** Benefit from up to 40% higher productivity using Optimizer, the on-press production efficiency assistant. The artificial intelligence algorithm optimizes the printing queue for non-stop printing using Indigo's unique proof while printing capability.

**Powerful DFE.** HP SmartStream Production Pro Print Server is the industry's most scalable and powerful print server. It offers automated prepress tools to optimize production, including imposition and marks creation engines, an advanced Color Management Module (CMM), and image enhancement features.

**High-speed monochrome.** Print monochrome at rapid speed of 4600 duplex sheets per hour for cost-effective and just-in-time production for publishing and direct mail needs.

**Automated print quality control.** Automatic Alert Agent performs real-time print quality error detection while printing, reducing waste and increasing productivity. The system finds and highlights inconsistencies between the digital file and the printed sheet.

**Color automation.** Use automated color management tools and the inline spectrophotometer to easily meet color standards and achieve color accuracy and consistency across Indigo presses, sites, and time, as well as between Indigo and offset.

**Digital feeding system.** HP Indigo's unique laser-guided digital feeding system includes two drawers, in addition to a pile feeder. This enables non-stop printing from one input source, while the other is loaded in parallel, maximizing utilization and uptime in case of frequent media changes.

\*The HD imaging system is offered with the HP Indigo 12000 HD press only

# HP INDIGO 12000/12000 HD DIGITAL PRESS



[1] Compared to alternative SRA3 digital commercial solutions as of November, 2019.

**PrintOS\***  
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.