

# HP Indigo 7K



# Digital Press

One Press, Endless Opportunities



Upgrade your fleet with the most versatile A3 digital press on the market, with proven global success



The HP Indigo 7K Digital Press is based on Indigo's bestselling 7x00 platform with over 2000 installations worldwide, millions of impressions, and counting

Customers trust the HP Indigo 7K Digital Press to deliver continuously and enable them to scale their printing volumes for years to come. Beyond its excellence in GCP applications, the HP Indigo 7K Digital Press expands the capabilities of print service providers and unlocks new business opportunities in high-value markets, including heat transfer, security, photo printing, and more.

In addition to its impressive versatility, the HP Indigo 7K Digital Press is equipped with data-driven tools that increase productivity with real time connectivity to HP indigo's cloud-based production management solutions. These tools enable printers to fine-tune their production processes for optimal efficiency.

## Superior quality and robust design

### Secure your investment

- Maintain HP Indigo image quality with the look and feel of offset
- Secure your investment and run high volumes daily with a robustly built and reliable press that lasts for years
- Easily match colors across HP Indigo presses and sites with automatic color calibration algorithms



## Expanded capabilities and new business opportunities

### The colorful sky is the limit

- Virtually endless substrate types; coated and uncoated, black and colored, synthetics and more. Including premium applications on thick media up to 550 microns
- Unlimited color combinations reaching an expanded color gamut with seven ink stations
- More than 20 specialty inks like silver, white, invisible yellow, scratch off, and many more
- Expand your offering to brands. Create solid Spot Color inks that cover 97% of the Pantone® color range
- Press owners gain access to high-value markets like security, heat transfer, and photo printing with specialty inks and unique substrates

## Easy and smart production

### Fulfill more jobs a day

- The press simplifies the operator's tasks, enables continuous printing, and enhances productivity through automatic print queue optimization and real-time proofing using the Optimizer user interface
- HP Indigo's cloud-based solutions provide data-driven insights that promote continuous improvement in production floor management
- Predictive press care and predictive maintenance capabilities assure advanced serviceability, uptime and reduced service costs



## LEP Print Technology

HP Indigo's offset and gravure matching printing technology that gives you the agility to meet any need across any type of commercial printing and packaging job.

## HP PrintOS

Data-driven solutions at your side helping your business grow by continually improving productivity, perfecting color consistency, expanding design creativity and seizing e-commerce opportunities.

## Partners

Optimize order routing throughout the entire E2E production process. Cooperating with a solid alliance of partners to provide solutions in business management, pre-press, finishing, logistics and fulfillment, tailored to fit every need and site.

## Customer Success

Unlock the full potential of your seamless and optimized operations, with the latest mixed-reality support, already proven in the field. Gain the resources you need for intuitive service, enhanced control, and direct access to knowledge and HP Professional Services.

## Sustainability

Print confidently, trusting HP Indigo's commitment to reducing carbon footprint and enhancing circularity.



# HP Indigo 7K Digital Press



## Technical specifications

Printing speed	120 four-color 8.5 x 11 (A4) pages per minute - two-up 160 color 8.5 x 11 (A4) pages per minute in EPM - two-up 240 two-color or monochrome 8.5 x 11 (A4) pages per minute - two-up
Image resolution	812 dpi at 8 bit; addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	144, 160, 175, 180, 180m, 210, HMF200 lpi
Sheet size	13 x 19 in (330 x 482 mm) maximum
Image size	12.48 x 18.26 in (317 x 464 mm) maximum
Paper weight and thickness*	Coated: 55 lb text to 130 lb cover (80 to 350 gsm); Uncoated: 40 lb text to 130 lb cover (60 to 350 gsm); Thickness 3 to 16 pt. (70 to 400 microns)
Feeder	Four drawers: Three drawers with 6 in (150 mm) each, 1500 sheets of 80 lb text (120 gsm) each One special jobs drawer: 2.5 in (70mm), 700 sheets of 80 lb text, (700 sheets of 120 gsm) A total of 5200 sheets of 80 lb text (120 gsm). All drawers support the full range of substrates
Stacker	Main stacking tray with 23.6 in (600 mm) stack height; supports offset jogging, 6100 sheets of 80 lb text (6100 sheets of 120 gsm); Proof tray with 2.36 in (60 mm) stack height, 600 sheets of 80 lb text (600 sheets of 120 gsm)
Print servers (DFE)	PrintOS Production Pro for commercial
Press dimensions	Length: 214.3 in (5443 mm); Width: 90.5 in (2298 mm); Height: 82.8 in (2104 mm)
Press weight	7300 lb (3300 kg)
Cloud connectivity	Via HP PrintOS
HP Indigo Optimizer	Automatic prioritization of the job queue
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
5-color printing	Via 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
Specialty inks	Silver, Premium White, Fluorescent Pink, Transparent, Digital matte, Invisible Yellow, Primer, Easy Release, Light Light Black, Light Cyan, Light Magenta, Vivid Pink and Vivid 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
PANTONE® color	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and 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.
Options	
Print server (DFE)	HP SmartStream Ultra Print Server
Expanded color capabilities	6 or 7 on-press ink stations; HP IndiChrome Ink Mixing System
Auto Alert Agent	Enables on press defect alert system
White ink	Enables use of ElectroInk Premium White ink
Special effects kit	Enables creation of on-demand, on-press high-value applications
Thick substrate kit	Supports paperboards up to 22 pt. (550 microns/650gsm)
One Shot process kit	Enables printing on synthetics using One Shot technology

\*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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PUB Number - 4AA7-7225ENW, March 2024  
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