

Data sheet

HP Indigo 20000 Digital Press



Reinventing the decor printing market



Good wallpaper is evident, great wallpaper is HP Indigo

Drive your wallpaper business into the digital era by printing wallpaper on demand, speeding time-to-market and reducing waste.

Enjoy endless printing capabilities

Print any application with an endless variety of SKUs and keep up with the latest trends. HP Indigo's digital printing technology enables you to turn every meter into a new design, including one-of-a-kind prints with HP SmartStream Mosaic's variable data capabilities. Open up new markets with web2print models and the ability to print low volumes to meet your customer needs.

Achieve high productivity and cost efficiency

The HP Indigo 20000 Digital Press is the only digital printing solution fit for wallpaper. A speed of 1515 sqm per hour in four color and an image format of 29.13 x 43.3 in make this a highly cost-effective solution. Optimize your workflow, save time, and reduce storage and waste by removing the need for plates and cylinders and printing only what you need, when you need it. Handle the most challenging workloads and offer a wealth of easily automated prepress tools to optimize production with HP SmartStream Production Pro Print Server 6, the industry's most scalable and powerful print server.

The leader in print quality and color

Reinvent the decor printing market with the proven HP Indigo quality, enabled by HP Indigo's Liquid ElectroInk technology and unique digital offset process. HP Indigo ElectroInk covers up to 97% of the PANTONE® by using 7 ink stations. A built-in spectrophotometer helps you achieve perfect color consistency across sites, presses and over time.

Versatility

Enjoy great flexibility with the ability to print a variety of commercial applications including point of purchase, art canvas, B1 format indoor posters and signage, and many other simplex applications, on a wide variety of substrates, including paper, synthetics and canvas, varying in thickness from 0.4 to 10 pt. Inline priming enables printing on off-the-shelf materials including offset stock.

CO₂ neutral

Boost your sustainability

The HP Indigo 20000 Digital Press is manufactured carbon neutral. It also offers reduced production waste, energy efficiency, and a supplies take-back program.

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

Technical specifications

Printing speed	101 ft/min in 4-color mode; 135 ft/min in EPM; 82 ft/min in 5-color mode; 16,307 sq. feet per hour when printing wallpaper
Image resolution	812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	175, 180, 180m, HMF-200
Image size	29 x 43 in maximum; Repeat length: 21.6 in minimum, 43 in maximum
Substrate thickness	0.4 to 10 pt.
Substrate type	Film (PET, BOPP, PE, BOPA), shrink film (PETG, PVC, OPS) label stock (PE label), pre-laminates (PET/ALU/PE) and paper.
Web width	Maximum width: 30 in / Minimum width: 15.7 in`
Priming unwinder	Max roll diameter: 39.4 in Max roll weight: 1870 lb Core inside diameter: • Standard 6 in adapter • Optional 3 in
Rewinder	Maximum roll diameter: 31.5 in. Additional option for reduced rewinder tension Maximum roll weight: 1540 lb. Additional option for reduced rewinder tension
Print server	HP SmartStream Labels and Packaging Print Server, Powered by Esko
Cloud connectivity	Via HP PrintOS
Press dimensions	Width: 383 in; Height: 94 in; Depth: 185 in
Press weight	33,000 lb
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, magenta, yellow, and black
Additional process inks	White, white for sleeves, premium white
HP IndiChrome 6-color printing	Cyan, magenta, yellow, black, orange, violet, and violet for packaging
HP IndiChrome Plus 7-color printing	Cyan, magenta, yellow, black, orange, violet, violet for packaging, and green
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing Service for spot color creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent
PANTONE® colors	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 Ink Mixing Service for achieving up to 97% of the PANTONE® color range.
Enhanced Productivity Mode	Enables three-color EPM printing
Options	
Reinsertion	Simplex
Extended inspection capabilities	Reverse Inspection Bridge (RIB)
Slitter	Optional kit for inline slitting



Winner: InterTech Technology Awards 2014

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