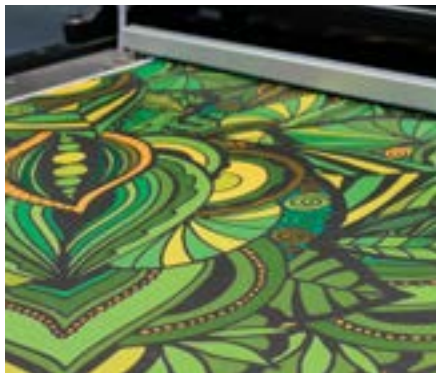


Data sheet

# 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 colour and an image format of 740 x 1100 mm 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 optimise production with HP SmartStream Production Pro Print Server 6, the industry's most scalable and powerful print server.

### The leader in print quality and colour

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 colour 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 10 to 250 microns. Inline priming enables printing on off-the-shelf materials including offset stock.

## CO<sub>2</sub> 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](http://hp.com/go/graphic-arts)

## Technical specifications

<b>Printing speed</b>	1400 sqm/hour in 4-colour mode; 1870 sqm/hour in EPM; 1258 sqm/hour in 5-colour mode ; 1515 sqm when printing wallpaper
<b>Image resolution</b>	812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
<b>Line screens</b>	175, 180, 180m , HMF-200
<b>Image size</b>	740 x 1100 mm maximum; Repeat length: 550 mm minimum, 1100 mm maximum
<b>Substrate thickness</b>	10 to 250 microns
<b>Substrate type</b>	Paper, film, (PET, BOPP, BOPA), shrink film (PETG, PVC, OPS) label stock (PE label), pre-laminates (PET/ALU/PE).
<b>Web width</b>	Maximum width: 762 mm / Minimum width: 400 mm
<b>Priming unwinder</b>	Max roll diameter: 1000 mm Max roll weight: 850 kg Core inside diameter: • Standard 6 in adapter • Optional 3 in
<b>Rewinder</b>	Maximum roll diameter: 800 mm Maximum roll weight: 700 kg
<b>Print server</b>	HP SmartStream Production Pro Print Server, HP SmartStream Labels and Packaging Print Server, Powered by Esko
<b>Press dimensions</b>	Width: 9730 mm; Height: 2400 mm; Depth: 4700 mm
<b>Press weight</b>	15,000 kg
<b>HP Indigo ElectroInks</b>	
<b>Standard 4-colour printing</b>	Cyan, magenta, yellow, and black
<b>5-colour printing</b>	Cyan, magenta, yellow, black, and white
<b>HP IndiChrome 6-colour printing</b>	Cyan, magenta, yellow, black, orange, violet, and violet for packaging
<b>HP IndiChrome Plus 7-colour printing</b>	Cyan, magenta, yellow, black, orange, violet, violet for packaging, and green
<b>HP IndiChrome off-press spot inks</b>	HP IndiChrome Ink Mixing Service for spot colour creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent
<b>PANTONE® colours</b>	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® colour range.
<b>Options</b>	
<b>Expanded colour capabilities</b>	5, 6, or 7 on-press ink stations
<b>Reinsertion</b>	Simplex
<b>Extended inspection capabilities</b>	Reverse Inspection Bridge (RIB)



Winner: InterTech Technology Awards 2014

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