

Raising the print quality benchmark

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 HD 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.

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.

- Default 220 LPI screen – Produce smoother skin tones, skies, and light-colored flat tints.
- 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 characters.
- 175 LPI screen – Match quality and rosette sizes with non-HD Indigo digital presses.

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.

Freedom to innovate and create unlimited applications

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

Print on virtually any substrate, from 50 lb text to 150 lb cover, 3-18 pt thick—including coated, uncoated, colored and dark papers, and paperboard for folding cartons—in an unlimited variety of paper sizes down to a minimum size of 20.1 x 11.7 in. One Shot technology transfers all color separations in one pass onto the substrate with perfect registration, expanding printing capabilities to specialty substrates such as canvas, synthetics and metalized media. Use HP Indigo ElectroInk Primer to print on an extended range of substrates, including off-the-shelf offset stock and specialty papers.

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.