HP INDIGO 7500 DIGITAL PRESS

Exceptional productivity and low total cost for high-volume printing with unmatched offset quality – now with intelligent automation

The new HP Indigo 7500 Digital Press is the most flexible, technologically advanced high-volume sheetfed digital printing solution in the market. Intelligent automation breakthroughs in the press deliver unprecedented quality, productivity, and ease of operation.

Top speed and productivity. Designed for high-volume production, the HP Indigo 7500 Digital Press can print up to 120 A4 pages per minute (ppm) in full colour or 240 ppm in either monochrome or 2 colours. Enhanced with a patent-pending Vision System for hands free automation that keeps uptime to a maximum and operator error to a minimum, the press can deliver up to 3.5 million colour pages or 6.5 million monochrome pages per month. This high level of optimisation pushes the economic crossover point with offset to the level of thousands.

Intelligent automation. Using the Vision System, the press performs automated calibrations and intelligent diagnostics, bolstering uptime and generating more pages.

The HP Indigo Print Care package offers a set of tools including wizard-guided assistance for troubleshooting and webcam communications to increase uptime for mission critical and demanding jobs.

The press has an option for the new Universal Finishing Interface, an intelligent end-to-end platform designed for flexible, automated inline and nearline finishing solutions, reducing labour costs and delivering faster job turnaround time.

Print quality that only HP Indigo can deliver. With exclusive HP ElectroInk and a unique printing process, all HP Indigo presses produce consistent images with a true look and feel of offset. Advanced control systems for even higher colour consistency and uniformity are embedded in the new HP Indigo 7500 Digital Press.

Delivering the widest and most accurate digital colour gamut on the market, HP Indigo offers up to 7 ink stations, allowing 4-, 6-, and 7-colour PANTONE® emulation, and off-press mixing, matching up to 97% of PANTONE® colours.

The additional colour stations also enable 6-colour printing with light cyan and light magenta for professional photography applications, delivering true photographic quality that is indistinguishable from silver halide.

Highest versatility. The press supports a wide range of substrates, including coated, uncoated, specialty media, and even thick substrates such as folding cartons (via the optional thick substrate kit). Exclusively available from HP Indigo, a white ink option kit enables the printing of high-value pages on specialised substrates, including transparent, metallic, and coloured media.

Powerful HP SmartStream workflow solutions

The HP Indigo 7500 Digital Press is offered together with a range of workflow solutions to support the demands of complex jobs and scaling environments. HP SmartStream Production Pro Print Server is a mission critical print server that provides robust, scalable, and high-performance production with HP Indigo digital presses. It features easy remote user interfaces, scalability, unique VDP abilities, and strong colour capabilities.

HP SmartStream Production Plus Print Server, Powered by Creo, meets the demanding workflow needs of hybrid offset/digital print environments with a comprehensive graphic arts feature set. It enables smooth integration of HP Indigo presses into Prinergy workflow environments.

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

PANTONE®
Digital Color

Technical Specifications

Printing speed	120 four-colour A4 images per minute (two-up); 240 two-colour or monochrome A4 images per minute (two-up)
Image resolution	812 and 1219 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	144, 160, 175, 180, 180m lpi
Paper format	330 x 482 mm maximum
Image format	317 x 464 mm
Paper weight*	Coated: 80-350 gsm; Uncoated: 60-320 gsm; Thickness 70-400 microns; With option kit - up to 400 gsm/460 microns
Paper input system	Four drawers: Three drawers with 180 mm each (1800 sheets of 120 gsm each) Special jobs drawer: 1 x 70 mm (700 sheets of 120 gsm) A total of 6100 sheets of 120 gsm. All paper drawers support full range of substrates
Paper output system	Autoduplex/autoperfecting Main stacking tray with 600 mm stack height, with job offset stacking (6000 sheets of 120 gsm) Proof tray with 60 mm stack height (600 sheets of 120 gsm)
Supported image formats and standards	Postscript 1,2,3; EPS; PDF1.7 including optimised PDF; PDF/x-1a: 2001, PDF/X-1a:2003, PDF/x-3:2002, PDF/X-3:2003; Tiff Version 6, CMYK/RGB, multi page tiff; JPEG; PPML / T; DCS 1 and 2; GIF; XPS; JLYT Including SNAP; BMP; With HPPS: PPML 2.2; VPS; Brisque CT/LW, PDF/VT, PPML 3.0
Press dimensions	Width: 5443 mm; Depth: 2298 mm; Height: 2104 mm
Press weight	3300 kg excluding chiller
Print servers (DFEs)	HP SmartStream Production Pro Print Server, HP SmartStream Production Plus Print Server, Powered by Creo

HP Indigo inks:

Standard 4-colour printing	Cyan, magenta, yellow, and black
HP IndiChrome 6-colour printing	Cyan, magenta, yellow, black, orange, and violet
6-colour photo printing	Cyan, magenta, yellow, black, light cyan, and light magenta
HP Indigo special effect inks	HP ElectroInk White
PANTONE® colours	• PANTONE-licensed HP IndiChrome on-press 6-colour printing using CMYK as well as orange and violet • PANTONE-licensed HP IndiChrome Plus on-press 7-colour printing using CMYK as well as orange, violet, and green • PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot colour creation, using CMYK as well as orange, violet, red, green, blue, bright yellow, and transparent • HP Professional PANTONE Emulation Technology (PANTONE-licensed CMYK values for 4-colour PANTONE simulation, utilising ICC profiles to provide optimised simulation values for the specific press and media combination)

Optional equipment /configurations:

Expanded colours capabilities	5th, 6th, and 7th colour printing; HP IndiChrome Ink Mixing System
White ink option kit	Enables the use of HP ElectroInk White
Thick substrate support kit	Supports paper boards up to 400 gsm/460 microns
Additional feeding unit	One additional feeding module with a capacity of 3 x 1800, 120 gsm sheets (combined total of 11500 sheets with main paper input system)
Additional stacking unit	One additional stacking module, capacity of 6000 120 gsm sheets

*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.

Scan this QR code to learn more about this product and other HP products and services.