



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 letter pages per minute (ppm) in full color or 240 ppm in either monochrome or 2 colors. 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 color pages or 6.5 million monochrome pages per month. This high level of optimization 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 labor 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 color consistency and uniformity are embedded in the new HP Indigo 7500 Digital Press.

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

The additional color stations also enable 6-color 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 colored 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 color 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



Technical Specifications

Printing speed	120 four-color letter size images per minute (two-up); 240 two-color or monochrome letter size 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	13 x 19 in
Image format	12.48 x 18.26 in
Paper weight*	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 130 lb cover; Thickness 3-16 pt; With option kit up to 18pt
Paper input system	Four drawers: Three drawers with 7 in each (1800 sheets of 80 lb text each) Special jobs drawer: 1 x 2.5 in (700 sheets of 80 lb text) A total of 6100 sheets of 80 lb text. All paper drawers support full range of substrates
Paper output system	Autoduplex/autoperting Main stacking tray with 23.6 in stack height, with job offset stacking (6000 sheets of 80 lb text) Proof tray with 2.36 in stack height (600 sheets of 80 lb text)
Supported image formats and standards	Postscript 1,2,3; EPS; PDF1.7 including optimized 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; JLT Including SNAP; BMP; With HPPS: PPML 2.2; VPS; Brisque CT/LW, PDF/VT, PPML 3.0
Press dimensions	Width: 214.3 in; Depth: 90.5 in; Height: 82.8 in
Press weight	7275 lb 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-color printing	Cyan, magenta, yellow, and black
HP IndiChrome 6-color printing	Cyan, magenta, yellow, black, orange, and violet
6-color photo printing	Cyan, magenta, yellow, black, light cyan, and light magenta
HP Indigo special effect inks	HP ElectroInk White
PANTONE® colors	<ul style="list-style-type: none">• PANTONE-licensed HP IndiChrome on-press 6-color printing using CMYK as well as orange and violet• PANTONE-licensed HP IndiChrome Plus on-press 7-color printing using CMYK as well as orange, violet, and green• PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot color 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-color PANTONE simulation, utilizing ICC profiles to provide optimized simulation values for the specific press and media combination)
Optional equipment /configurations:	
Expanded colors capabilities	5th, 6th, and 7th color 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 18 pt.
Additional feeding unit	One additional feeding module with a capacity of 3 x 1800, 80 lb text sheets (combined total of 11,500 sheets with main paper input system)
Additional stacking unit	One additional stacking module, capacity of 6000 80 lb text 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.



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