

WHAT DO YOU HAVE TO SAY?



HP Indigo 7000 Digital Press

Exceptional productivity and low total cost for high-volume printing, with unmatched digital offset quality



A breakthrough in high-volume digital production

The HP Indigo 7000 Digital Press is a powerful engine for producing high-volume static pieces with run lengths ranging from ultra short-run jobs up to thousands, as well as large volumes of Variable Data Print (VDP) campaigns targeted at hundreds of thousands of recipients.

With a robust combination of productivity, ease-of-use and offset quality with low total cost of ownership, the press generates:

- 120 pages per minute (ppm) in full color or 240 ppm in either monochrome or two colors
- 800,000 4-color pages per month in one shift
- 3.5 million color pages or 5 million monochrome or two-color pages per month running 24/7
- 50,000 6" X 9" postcards in just 7.5 hours

Versatile image format. Supporting an image format of 12.48" x 18.26", the press gives you the ability to fit more copies on a sheet for applications, such as tickets and cards, or print book covers which require space for the spine.

Quick problem detection and issue resolution. The HP Indigo Print Care package offers convenient on-press and remote diagnostics, guided troubleshooting, live webcam communications with remote support teams and remote access to the press PC.

High-volume, low operating cost solution. The press pushes the economic break-even point with offset to the level of thousands. The press also supports a wide range of certified substrates, including coated, uncoated and specialty media. Automated Substrate adaptive Process Parameters technology extends the media gamut to support a selection of standard offset uncoated papers.

Outstanding offset quality. HP Indigo ElectroInk liquid ink gives you the competitive advantage of unrivaled, consistent offset and true photo quality. With up to 7-color printing, it provides the widest digital color gamut.

Powerful HP SmartStream workflows solutions

- HP SmartStream Production Pro Print Server is a robust, scalable DFE, optimized for use with HP Indigo digital presses. HP Production Pro provides easy remote user interface capabilities, unique VDP attributes and expandable storage capacity.
- 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.
- HP SmartStream Ultra Print Server is a completely automated workflow and high performance RIP solution for image-rich and content-intensive printing in high-volume, short-run production

End-to-end solutions. Application software, media and finishing solutions are all optimized and integrated to meet your particular business goals and customer needs.

Technical Specifications

Printing speed	120 4-color Letter size images per minute (two-up); 240 2-color or monochrome Letter size images per minute (two-up)
Image quality	Resolution: 812 and 1219 dpi at 8 bit. 2438 X 2438 addressability HDI (High Definition Imaging)
Line screens	144, 175, 180 lpi
Paper format	13" x 19"
Image format	12.48" x 18.26"
Paper weight	Coated: 55 lb. text – 130 lb. cover Uncoated: 40 lb. text – 120 lb. cover Thickness 3 – 16 PT.
Paper input system	Four drawers: Three drawers with 7" each (1800 sheets of 80 lb. text each) Special jobs drawer: 1 x 2.5" (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/Autoperfecting standard Main stacking tray with 23.6" stack height, with job offset stacking (6,000 sheets of 80 lb. text) Proof tray with 2.36" stack height (600 sheets of 80 lb. text)
HP Indigo inks:	
Standard 4-color printing	Cyan, Magenta, Yellow and Black
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange and Violet
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 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)
Communication protocol	HP PrintLink software architecture – real time, bi-directional data exchange
Electrical requirements	Input voltage: 3-phase, 400 VAC, ± 6%, 3 x 63 Amp [no transformer] 50/60 Hz Power consumption: 18 KW (avg. during print)
Press dimensions	Width: 214.3"; Depth: 90.5"; Height: 82.8"
Press weight	7,275 lb. excluding chiller
Print Servers (DFEs)	HP SmartStream Production Pro Print Server HP SmartStream Production Plus Print Server, Powered by Creo HP SmartStream Ultra Print Server
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; JLYT including SNAP; BMP; With HPPS: PPML 2.2; VPS; Brisque CT/LW
Optional equipment /configurations:	
Expanded colors capabilities	5th, 6th and 7th color printing; HP Indigo Ink Mixing System
Additional feeding unit	1 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	1 additional stacking module, capacity of 6,000 80 lb. text sheets

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