



## 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](http://www.hp.com/go/graphic-arts) or [www.hp.com/go/myhpindigoweb](http://www.hp.com/go/myhpindigoweb)



# Technical Specifications

<b>Printing speed</b>	120 four-colour A4 images per minute (two-up); 240 two-colour or monochrome A4 images per minute (two-up)
<b>Image resolution</b>	812 and 1219 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
<b>Line screens</b>	144, 160, 175, 180, 180m lpi
<b>Paper format</b>	330 x 482 mm maximum
<b>Image format</b>	317 x 464 mm
<b>Paper weight*</b>	Coated: 80-350 gsm; Uncoated: 60-320 gsm; Thickness 70-400 microns; With option kit - up to 400 gsm/460 microns
<b>Paper input system</b>	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
<b>Paper output system</b>	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)
<b>Supported image formats and standards</b>	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; JLT Including SNAP; BMP; With HPPS: PPML 2.2; VPS; Brisque CT/LW, PDF/VT, PPML 3.0
<b>Press dimensions</b>	Width: 5443 mm; Depth: 2298 mm; Height: 2104 mm
<b>Press weight</b>	3300 kg excluding chiller
<b>Print servers (DFEs)</b>	HP SmartStream Production Pro Print Server, HP SmartStream Production Plus Print Server, Powered by Creo
<b>HP Indigo inks:</b>	
<b>Standard 4-colour printing</b>	Cyan, magenta, yellow, and black
<b>HP IndiChrome 6-colour printing</b>	Cyan, magenta, yellow, black, orange, and violet
<b>6-colour photo printing</b>	Cyan, magenta, yellow, black, light cyan, and light magenta
<b>HP Indigo special effect inks</b>	HP ElectroInk White
<b>PANTONE® colours</b>	<ul style="list-style-type: none"> <li>• PANTONE-licensed HP IndiChrome on-press 6-colour printing using CMYK as well as orange and violet</li> <li>• PANTONE-licensed HP IndiChrome Plus on-press 7-colour printing using CMYK as well as orange, violet, and green</li> <li>• 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</li> <li>• 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)</li> </ul>
<b>Optional equipment / configurations:</b>	
<b>Expanded colours capabilities</b>	5th, 6th, and 7th colour printing; HP IndiChrome Ink Mixing System
<b>White ink option kit</b>	Enables the use of HP ElectroInk White
<b>Thick substrate support kit</b>	Supports paper boards up to 400 gsm/460 microns
<b>Additional feeding unit</b>	One additional feeding module with a capacity of 3 x 1800, 120 gsm sheets (combined total of 11500 sheets with main paper input system)
<b>Additional stacking unit</b>	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.

## North America

Hewlett-Packard Company  
1001 Summit Boulevard  
Mailstop 401  
Atlanta, GA 30319  
USA  
Tel: +1 800 289 5986  
Fax: +1 404 648 2054

## Europe, Middle East, and Africa

Hewlett-Packard Company  
Avenue Céramique 241  
6221 KX Maastricht  
The Netherlands  
Tel: +31 88 750 1723  
Fax: +31 88 750 1715

## Asia Pacific

Hewlett-Packard Company  
138 Depot Road  
Singapore 109683  
Tel: +65 6727 0777  
Fax: +65 6276 3160

## Latin America

Hewlett-Packard Company  
5200 Blue Lagoon Drive  
Suite 950  
Miami, FL 33126  
USA  
Tel: +305 267 4220  
Fax: +305 265 5550  
informahpindigo@hp.com

## Israel

Hewlett-Packard Company  
Kiryat Weizmann  
P.O. Box 150  
Rehovot 76101  
Israel  
Tel: +972 8 938 1818  
Fax: +972 8 938 1338

© 2010 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

PANTONE® and other Pantone, Inc. trademarks are the property of Pantone, Inc.

