HP INDIGO WS6000 DIGITAL PRESS

High-volume, digital production solution for medium-run labels and packaging

The HP Indigo WS6000 Digital Press is the most technically advanced roll-fed digital solution, targeting high-volume, medium-run labels and packaging mainstream production.

Cost-effective production for medium runs. The HP Indigo WS6000 Digital Press enables label and packaging printers to transfer jobs up to 13,000 linear feet or 120,000 labels from conventional printing to digital—at lower cost—while achieving superior quality, productivity, and profitability.

Fast throughputs. The press operates at 98 feet per minute for 4-color jobs, and produces up to 295,000 square feet or 980,000 linear feet per month from numerous jobs, utilizing single daily shifts. The press supports repeat lengths of 12.48 x 38.58 inches — efficiently using each frame of the substrate and reducing media waste.

Maximum ease-of-use and uptime. The HP Indigo WS6000 Digital Press enables minimum operator intervention and efficient set-up time. Other features that enhance simplicity and press uptime include:

- The HP SmartStream Labels and Packaging Print Server, designed exclusively by EskoArtwork for HP Indigo presses, is a highly efficient color workflow and RIP station. This print server simplifies color management ensuring repeat jobs are produced identically across all presses and includes tools for job verification to reduce waste levels and error.

- HP SmartStream Labels and Packaging Color Kit, Powered by EskoArtwork, achieves repeatable, predictable, and reliable color - from job to job, and press to press. For variable data printing (VDP), HP SmartStream Labels and Packaging VDP Tools, Powered by EskoArtwork, enable product personalization, including security features, single product numbering, and individualized tickets.

- Larger on-board ink containers keep the press running with less intervention for longer periods, enabling maximum productivity.

- The HP Indigo Print Care service and support toolset assures fast, accurate problem detection, and resolution.

Top-shelf color quality. The exclusive HP ElectroInk liquid ink delivers color quality that surpasses conventional printing. It gives you the choice of using mixed spot inks and 4-, 6-, or 7-color PANTONE® simulations. The extensive color gamut lets you address the most demanding brand and color requirements for labels and packaging.

Expand your portfolio and your profitability. Supporting a broad range of substrates from 0.47 to 17.7 mils in thickness, the press prints at high quality on labels, flexible packaging, shrink sleeves, and folding cartons.

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

PANTONE®
Digital Color

Technical Specifications

Printing speed	Up to 98 feet per min. in 4-color mode Up to 196 feet per min. in 1- or 2-color mode
Image resolution	812 and 1219 dpi at 8 bit, 2438 x 2438 dpi addressability HDI (High Definition Imaging)
Line screens	144 (sequin), 175, 180 lpi
Image format	12.48 x 38.58 in maximum
Substrate thickness*	0.47-17.7 mils
Substrate type	Self-adhesive label stock, films, and folding cartons
Web width	Max. width: 13.39 in / Min. width: 7.87 in
Input System	Input roll max. diameter: 39.37 in Core inside diameter: • Standard: 3 in • Optional: 6 in Max. roll weight: 595 lb
Output System	27.56 in max. roll diameter

HP Indigo inks:

Standard 4-color printing	Cyan, magenta, yellow, and black
Additional colors	White ink
PANTONE® colors	• 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)
Reinsertion	Simplex and duplex capability
Electrical requirements	Input voltage: 3-phase, 400 VAC, ± 6%, 3 x 50 Amp (no transformer) 50/60 Hz Power consumption: 18 KW (avg. during print)
Dimensions of overall press	Length: 228 in / Width: 90 in / Height: 83 in
Total press weight	10,200 lb
DFE Architecture	HP PrintLink software architecture – real time, bi-directional data exchange
Supported image formats and standards	PS (Adobe certified), composite and pre-separated PDF 1.7, EPS, DCS 2, Esko-Graphics native format; any format which can be imported to Adobe CS and be sent as PS to Esko (TIFF, JPG, BMP, EPS)

Optional equipment/configurations:

HP Smart Stream Digital Print Server Options	HP SmartStream Labels and Packaging Color Kit, Powered by EskoArtwork HP SmartStream Labels and Packaging VDP Tools, Powered by EskoArtwork
Expanded colors capabilities	5th, 6th, and 7th color printing; HP Indigo Ink Mixing System
Flexible Packaging	Packer arm support in rewinder

*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.

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

4AA1-9041ENUS, March 2010. This is an HP Indigo digital print.