

WHAT DO YOU HAVE TO SAY?



HP Indigo WS6000 Digital Press

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



The HP Indigo WS6000 Digital Press offers the most productive, high-speed digital solution for medium-run label and packaging printing, with print quality surpassing that of conventional printing.

Cost-effective production for medium run lengths.

The HP Indigo WS6000 Digital Press enables label and packaging printers to transfer jobs up to 13,000 linear feet 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 (one shift). The press supports repeat lengths of 12.48"x38.58"—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, Powered by EskoArtwork, a highly efficient workflow and RIP station designed specifically for the HP Indigo WS6000 Digital Press.
- Large-volume ink canisters allow the press to run uninterrupted for long periods. On-the-fly ink replacement lets the press run with zero downtime.
- 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 simulations. The extensive color gamut lets you address the most demanding brand and color requirements for labels and packaging.

The HP Indigo Labels and Packaging Color Kit, Powered by EskoArtwork. Assures excellent color matching for digital proofing and printing which quickly defines color gamut conversion according to the colors on the press. For customers who also own the HP Indigo press ws4500, the Color Kit supports a unified color database that enables easy migration of jobs from press to press.

Expand your portfolio and your profitability.

Supporting substrates from 12 to 450 microns (0.47—17.7 mils) in thickness, the press can easily produce labels, flexible packaging, shrink sleeves and folding cartons. With the power of variable data printing, the press enables product personalization and security applications, such as serialized product numbering, individualized tickets and game pieces, as well as track and trace and asset protection.

Technical Specifications

Printing speed	98 feet per min. in 4-color mode 196 feet per min. in 1 or 2-color mode
Image quality	Resolution: 812 and 1219 dpi at 8 bit. 2,438 x 2,438 addressability HDI (High Definition Imaging)
Line screens	144 Sequin, 175, 180 HDI
Image format	12.48" x 38.58" maximum
Substrate thickness	12-450 micron (0.47-17.7 mils)
Substrate type	Self-adhesive label stock, unsupported films and folding cartons
Web width	Max. width: 13.39" / Min. width: 7.87"
Input System	Input roll max. diameter: 39.37" Core inside diameter: 3" (6" optional) Max. roll weight: 595 lb.
Output System	27.56" max. roll diameter

HP Indigo inks:

Standard 4-color printing	Cyan, Magenta, Yellow and Black
Additional colors	White
PANTONE® colors	<ul style="list-style-type: none">• PANTONE-licensed HP IndiChrome on-press 6-color printing using CMYK plus orange and violet• PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot color creation, using CMYK plus 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	Width: 236.6" / Depth: 150.9" / Height: 82.3"
Press weight	7055 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 SmartStream 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

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