

HP Indigo 6r Digital Press

Your gateway to Indigo possibilities



Say YES to unmatched versatility and open new market opportunities with the ability to produce any L&P application, any color, at any run length.

Be productive - increase productivity and put automation to work for you.

Stand out by relying on Indigo's renowned print quality.

Introducing the HP Indigo 6r Digital Press. A press built on the foundation of the market-leading narrow-web printing solution for digital labels and packaging production, the HP Indigo 6000 series, to enable printing of the widest range of label & packaging applications in digital production, at any run-length, in a simpler, more productive and profitable way.

High versatility - The press allows converters to produce any narrow-format label, flexible packaging, sleeve, IML, wrap-around label or folding carton job, with easy and quick changeovers. It supports 0.5 pt to 18 pt materials, including standard media with in-line priming.

Support for advanced capabilities - The press can be enhanced with an inline priming unit (ILP) that saves time and costs by giving the ability to prime any off-the-shelf media in one-pass. Auto alert Agent (AAA) can also be integrated in order to identify print defects in real time.

The leader in print quality and color - HP Indigo's superior liquid ElectroInk technology is the only digital color printing process that matches gravure printing, delivering high resolution and perfect registration. Converters can fulfill strict corporate branding requirements using 7 ink stations and a color gamut reaching 97% of PANTONE® colors. Premium white ink provides high opacity in one pass and white for sleeves improves efficiency for converting shrink sleeves.

Brands choice - Brands around the world such as Coca-Cola, Budweiser, Nestle, and P&G leverage the HP Indigo WS6000 Digital Press Series for its print quality and versatility to respond to market challenges and stay competitive.

Reconditioning program - The press is reconditioned at the HP Indigo factory where it undergoes an extensive parts replacement and testing process. The press achieves print quality equivalent to a newly manufactured press and comes with a factory warranty. The program is part of HP Indigo's effort to reduce waste and minimize impact on the environment.

End-to-end workflow - Benefit from the HP Indigo workflow ecosystem including the high-productive DFE - Production Pro for Labels and Packaging, and an array of integrated MIS, pre-press and converting solutions from partners.



Technical specifications

| | |
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| Printing speed | Up to 98 ft/min in 4-color mode Up to 130 ft/min in Enhanced Productivity Mode Up to 196 ft/min in 1- or 2-color mode |
| Image resolution | 812 dpi at 8 bit, addressability: 2438 x 2438 dpi HDI (High Definition Imaging) |
| Line screens | 175, 180, 196, 210 lpi |
| Image format | 12.59 x 38.58 in maximum |
| Substrate thickness* | 0.5 to 18 pt |
| Substrate types | Pressure-sensitive label stock, paper, unsupported films, and paperboard |
| Web width | Max. width: 13.39 in / Min. width: 7.87 in |
| Unwinder | Input roll max. diameter: 39.37 in Core inside diameter: • Standard: 3 in • Optional: 6 in Max. roll weight: 595 lb |
| Rewinder | 27.56 mm max. roll diameter |
| Print server | HP Production Pro for Indigo Label & Packaging |
| Press dimensions | Length: 228 in, Width: 155 in, Height: 83 in; Inline Priming Unit: Length: 55.5 in; Width: 61.4 in; Height: 70 in |
| Cloud connectivity | Via HP PrintOS |
| Press weight | 11905 lb; Inline Priming Unit: 4000 lb |
| HP Indigo ElectroInks | |
| Standard 4-color printing | Cyan, magenta, yellow, and black |
| Additional process inks | Standard white, premium white, white for sleeves, fade resistant yellow, fade resistant magenta, fluorescent pink, HP Indigo Invisible ElectroInks (Yellow/Blue) |
| HP IndiChrome 6-color printing | Cyan, magenta, yellow, black, orange, and violet |
| HP IndiChrome Plus 7-color printing | Cyan, magenta, yellow, black, orange, violet, and green |
| HP IndiChrome off-press spot inks | HP IndiChrome Ink Mixing System (IMS) for spot color creation using CMYK as well as orange, violet, green, reflex blue, rhodamine red, bright yellow, and transparent |
| PANTONE® color | Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, PANTONE Goe™ HP Professional PANTONE Emulation Technology using CMYK on-press; HP IndiChrome on-press; HP IndiChrome Plus on-press; HP IndiChrome off-press (IMS) for achieving up to 97% of the PANTONE® color range. |
| Options | |
| Expanded color capabilities | 5, 6, or 7 on-press on-press ink stations; HP IndiChrome Ink Mixing System |
| Inline Priming Unit | Enables easy on-demand treatment of standard substrates |
| Auto Alert Agent | Enables on-press alert system |
| Configurations | Dual mode inline finishing connectivity kit, flexible packaging packer arm support in rewinder |
| Print server options | HP SmartStream Labels and Packaging Tools, Powered by Esko HP SmartStream Designer for AI |
| Reinsertion | Simplex and duplex capability |

*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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