

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

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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