

HP Indigo 3550 Digital Press



Advanced on-demand printing technology at a low initial investment



The HP Indigo 3550 Digital Press offers HP Indigo's exceptional print quality and versatility at a low initial investment, making it the ideal solution for launching digital production. The press fulfills broad digital production requirements with its solid productivity and ability to print with true spot inks for corporate brand color matching.

The leader in print quality and color. Enabled by HP Indigo's liquid ElectroInk technology and unique digital offset process, HP Indigo prints are of the highest quality, matching or even exceeding offset, allowing them to be used interchangeably. The HP Indigo 3550 Digital Press provides:

- Up to 5 ink stations, allowing use of spot colors
- Crisp linework, attractive images and smooth vignettes with a very thin ink layer that gives uniform gloss between ink and substrate
- True spot colors, mixed off press, for perfect Pantone-certified solids

Fast return on investment. An attractively priced, high-quality solution for commencing digital printing, HP Indigo 3550 Digital Press owners enjoy low operating costs, reliability, and flexible pricing plans.

Easy operation. Designed for easy operation and operator maintenance, the HP Indigo 3550 Digital Press features minimum-touch paper handling, on-the-fly color switching and ink cartridge replacement, and a friendly onboard print server.

High versatility. The press supports the widest in-class substrate range, including coated, uncoated, specialty media, and thick substrates up to 16 pt. It delivers productivity of 68 pages per minute in full color and 136 ppm in 2 colors or monochrome, regardless of media type.

Enhancement package. The press offers an optional enhancement package for high-speed monochrome printing and larger image size. This increases printing speed capabilities to 272 monochrome 8.5 x 11 inch pages per minute (1/0) and image size up to 12.48 x 17.7 inches.

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



HP Indigo 3550 Digital Press

High quality, easy operation

HP Indigo offset print quality plus spot colors. Producing high-quality jobs that satisfy branding requirements, the press enables PSPs to meet the tightest deadlines and offer clients cost-effective, on-demand runs.

- PANTONE-licensed HP IndiChrome Ink Mixing System off-press for achieving up to 97% of the PANTONE® color range using CMYK as well as orange, violet, rhodamine red, green, reflex blue, bright yellow, and transparent.
- HP Professional Pantone Emulation Technology using CMYK on-press.
- High color accuracy and consistency between sheets and jobs, and day-to-day.

Low operating costs. Operating costs are kept low by reliable technology and flexible pricing from HP Indigo, making it easy to launch digital production and turn a fast profit.

- Flexible consumables and service pricing plans.
- Increased uptime with HP Indigo Print Care tool set, offering remote or self-guided troubleshooting.
- Oil Recycling System allows less oil consumption and reduces waste disposal costs.



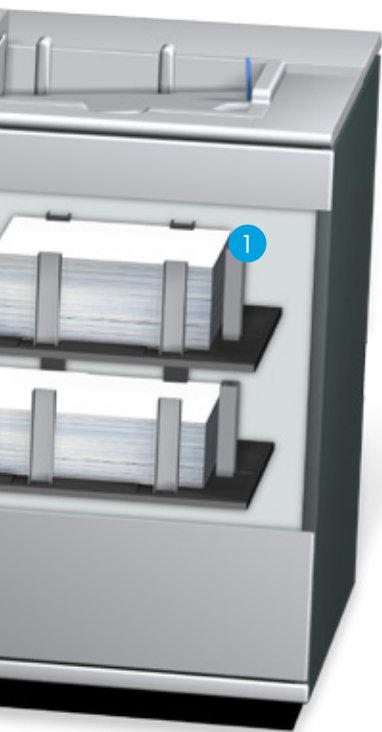
Easy to use and operate. Designed for easy operation and maintenance, the press makes it easy to start offering digital printing services.

- Continuous printing: load/unload while printing, proof while printing.
- Two drawers enable continuous feeding, including of multiple substrates.
- Easy “on-the-fly” spot color replacement system.
- Adjustment-free, minimum-touch paper handling.
- Easy-to-use HP SmartStream Onboard Print Server.



Use HP SmartStream products and partner solutions with the HP Indigo 3550 Digital Press to improve production efficiency and support digital growth.

To learn more visit www.hp.com/go/smartstream.



1. Feeder
2. High-speed laser writing head
3. Scorotron charging units
4. Photo Imaging Plate (PIP)
5. Binary Ink Developers (BIDs)
6. Blanket
7. Impression cylinder
8. Perfector
9. Ink cabinet
10. Proof tray
11. Stacker

Technical specifications

Printing speed	68 four-color 8.5 x 11 in pages per minute (two-up); 136 two-color 8.5 x 11 in pages per minute (two-up)
Image resolution	812 dpi at 8 bit, 812 x 1624 dpi in High Definition Imaging
Line screens	144, 160, 175, 180, 230 lpi
Sheet size	13 x 19 in maximum
Image size	12.12 x 17.7 in maximum
Paper weight*	Coated: 55 lb text to 130 lb cover; Uncoated: 40 lb text to 120 lb cover.; Thickness: 80 lb text
Feeder	Two drawers with 7 in depth each (1800 sheets of 80 lb text) A total of 3600 sheets of 80 lb text Both paper drawers support the full range of substrates
Stacker	Main stacking tray with 23.6 in stack height supporting offset jogging (6000 sheets of 80 lb text) Proof tray with 2.36 in stack height (600 sheets of 80 lb text)
Print server (DFE)	HP SmartStream Onboard Print Server
Press dimensions	Width: 155.5 in; Height: 81.7 in; Depth: 89.8 in
Press weight	5800 lb
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, magenta, yellow, and black
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® colors	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and PANTONE Goe™ HP Professional PANTONE Emulation Technology using CMYK on-press; HP IndiChrome off-press (IMS) for achieving up to 97% of the PANTONE® color range
Options	
Expanded color capabilities	5th color station HP IndiChrome Ink Mixing System
Enhancement package	Increases printing speed to 272 monochrome 8.5 x 11 in pages per minute and larger image size of 12.48 x 17.7 in

*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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