



HP INDIGO 3550 DIGITAL PRESS

Advanced on-demand
printing technology
at a low initial investment



The new HP Indigo 3550 Digital Press, designed to meet the challenges of today's demanding market, is an entry level digital press that doesn't compromise on print quality. Offering HP Indigo's exceptional reliability and versatility at a low initial investment, it is the ideal solution for launching digital production.

Outstanding offset quality. Using the HP ElectroInk technology and digital offset process, the HP Indigo 3550 Digital Press achieves outstanding offset quality. Delivering HP Indigo's best-in-class colour accuracy and consistency, the press offers the following:

- Up to 5-colour printing
- True spot and brand colour capabilities
- State-of-the-art colour management, with HP Professional PANTONE® emulation and ICC profiles
- Superior fine line work with HP Adaptive Half-toning

Versatility and ease-of-use. Designed for easy operation and operator maintenance, the HP Indigo 3550 Digital Press features:

- Production rates of 68 ppm colour and 136 ppm 2-colour and monochrome in one press, regardless of media type (up to 272 ppm A4 monochrome pages with the optional enhancement package)

- Adjustment-free, minimum-touch paper handling
- An easy-to-use HP SmartStream Onboard Print Server (Digital Front End)
- Support for a wide substrate range, including specialty media

Low initial investment. The HP Indigo 3550 Digital Press delivers quick return on investment (ROI), driven by:

- Affordable acquisition and operating costs
- Superb reliability based on proven HP Indigo digital press technology
- Flexible consumable and service pricing plans
- Increased uptime with HP Indigo Print Care tool set
- Remote service and support assuring high availability rate

Enhancement package. HP Indigo 3550 Digital Press offers an optional enhancement package for high-speed monochrome printing and larger image size, increasing printing speed capabilities to 272 ppm A4 monochrome (1/0) and image size up to 317 x 450 mm.

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



Technical Specifications

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| Printing speed | 68 4-colour A4 images per minute (two-up); 136 2-colour and A4 images 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 |
| Paper format | 330 x 482 mm maximum |
| Image format | 308 x 450 mm |
| Paper weight* | Coated: 80 gsm - 350 gsm; Uncoated: 60 gsm - 320 gsm; Thickness: 70-400 microns |
| Paper input system | <ul style="list-style-type: none">• Two drawers with 180mm each (1800 sheets of 120 gsm)• A total of 3600 sheets of 120 gsm.• All paper drawers support the full range of substrates |
| Paper output system | <ul style="list-style-type: none">• Autoduplex/autoperfecting standard• Main stacking tray with 600 mm stack height with job offset stacking (6000 sheets of 120 gsm)• Proof tray with 60 mm stack height (600 sheets of 120 gsm) |
| Dimensions of print engine | Height: 2074 mm; Width: 3952 mm; Depth: 2282 mm |
| Weight | 2610 kg |
| Architecture | HP SmartStream Onboard Print Server |
| Supported formats and standards | Postscript Level 1,2,3 PDF 1.7, PDF/X-1a:2001, PDF/X-3:2002, PDF/X-3:2003, PPML/T, JLT/SNAP, GIF, TIFF 6.0, JPEG, EPS, PPML 2.1, JDF 1.2 |

HP Indigo inks:

| | |
|-----------------------------------|---|
| Standard 4-colour printing | Cyan, magenta, yellow, and black |
| PANTONE® colour | <ul style="list-style-type: none">• HP Professional PANTONE Emulation Technology (PANTONE-licensed CMYK values for 4-colour PANTONE simulation, utilising ICC profiles to provide optimised simulation values for the specific press and media combination)• PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot colour creation, using CMYK as well as orange, violet, red, green, blue, bright yellow and transparent |

Optional equipment/configurations:

| | |
|--|---|
| Expanded colour capabilities | <ul style="list-style-type: none">• 5th colour printing• HP IndiChrome Ink Mixing System |
| Prints Servers (DFE) | HP SmartStream Production Pro Print Server HP SmartStream Production Plus Print Server, Powered by Creo |
| HP SmartStream Designer | With HP SmartStream Designer you can make every job easily full-colour personalised and satisfy your customer with higher response rate |
| HP SmartStream Photo Enhancement Server | Fast, automated image sharpening, smoothing, contrast improvement and shadow enhancement |
| Enhancement package | Increased monochrome printing speed to 272 A4 images per minute and larger image size of 317 x 450 mm |

*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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