



The HP Indigo press 3500 is the new entry level product extending the success of the renowned HP Indigo press 3050

For general commercial printers, digital service providers and in plant printing operations with more than \$2 million annual revenue and with an AMPV of less than 250,000 short run, or VDP colour pages, who are looking for a high quality digital production device capable of printing in excess of 1 million colour pages or 2.5 million monochrome pages a month, at an affordable entry level price point.

Offset look and feel

- Widest colour gamut with up to 7 colour printing
- Special spot and brand colour capabilities
- State-of-the-art colour management, with HP Professional PANTONE emulation and ICC profiles
- Best-in-class colour accuracy and consistency
- Superior fine linework with HP adaptive half-toning

Versatility and ease of use

- 68 ppm full colour and 136 ppm mono in one press regardless of media type
- Adjustment free, low touch paper handling
- On press easy to use Production Manager
- Support for a wide substrate range, including specialty media
- Workflow and finishing partner program

Low risk investment

- Affordable solution, low acquisition cost
- Remote service and support programmes
- Flexible consumable and service pricing programmes
- Highly reliable solution based on proven series II technology
- Scalable RIP solution
- Compelling up trade path with HP Indigo press portfolio

Technical specifications

Print engine specifications:

Printing speed	4,000 4-colour A4 images per hour (two-up); 8,000 2-colour and monochrome A4 images per hour (two-up)
Image quality	Resolution: 800 dpi at 8 bit, 800 x 1600 dpi in High Definition Imaging
Line screens	144, 160, 175, 180, 230 lpi
Paper format	320 x 475 mm
Image format	308 x 450 mm
Paper weight	Coated: 80 gsm text – 350 gsm cover; thickness: 3-16 points (70-400 microns) Uncoated: 65 gsm text – 300 gsm cover; thickness: 3-16 points (70-400 microns)
Printing technology	HP ElectroInk technology
HP Indigo inks	
Standard	Cyan, Magenta, Yellow and Black
4 colour printing	
HP IndiChrome	Cyan, Magenta, Yellow, Black, Orange and Violet
6 colour printing	
PANTONE colour	<ul style="list-style-type: none"> • PANTONE-licensed HP IndiChrome on-press 6-color printing using CMYK as well as orange and violet • PANTONE-licensed HP IndiChrome off-press Ink Mixing System, for spot color creation, using CMYK as well as orange, violet, red, green, blue, bright yellow and transparent • HP Professional PANTONE Emulation Technology (PANTONE-licensed CMYK values for 4-colour PANTONE simulation, utilizing ICC profiles to provide optimized simulation values for the specific press and media combination)
HP Indigo special effect inks	HP Indigo digital matte ink
Paper input system	Two drawers: One with 245 mm paper capacity (2,500 sheets of 120 gsm text); second drawer with 85 mm paper capacity (900 sheets of 120 gsm text) All paper drawers support full range of substrates
Paper output system	Autoduplex/autoperefecting standard One stacker with 600 mm stack height and 6,300 sheet capacity (120 gsm) Proof tray with 60 mm stack height and 600 sheet capacity (120 gsm)
Dimensions of print engine	Height: 2,075 mm; Width: 3,978 mm; Depth: 2,233 mm
Weight	2512 kg
Digital Front End specifications:	
Architecture	HP Press Production Manager with integrated Global Graphics Harlequin® on-press RIP
Software platform	Microsoft Windows XP Professional™
Hardware platform	2.8 GHz Pentium 4 processor, 431 mm flat screen monitor, DVD-RW/CD-RW, 160 GB system HD 1 GB base memory, Image memory disks – two 160 GB drives which provide 320 GB of image memory
Supported formats and standards	Postscript Level 3, PDF 1.5, PDF/X-1:2002a, PDF/X-3:2002, TIFF, JPEG, EPS, PPML, JLYT
Optional equipment/configurations:	
Expanded colours capabilities	5th, 6th and 7th-colour printing; HP Indigo Ink Mixing System
HP RIP Expansion Rack	Add up to four additional Harlequin® RIPs for use in parallel processing of all job types
Digital Front Ends	HP Indigo Production Stream Server, Powered by Creo
HP Indigo Yours Truly Designer	Full-colour personalisation application; 90 day trial version
HP Indigo Photo Enhancement Server	Fast, automated image sharpening, smoothing, contrast improvement and shadow enhancement

