This field-proven B2 digital press1, with step-function innovations, is your gateway to join the digital folding carton revolution. Confidently achieve offset-quality results on every box. Deliver short-runs quickly and add value with brand protection and mass customization for any run length.

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Technical specifications
Indigo 35K Digital Press

Printing speed	3450 sheets per hour 4/0; 4600 sheets per hour in EPM
Image resolution	812 dpi addressability (virtual 2438 x 2438 dpi)
Line screens	175, 180, 180M, 190EPM, HMF-200
Sheet size	29.5 in x 20.9 in (750 x 530 mm) maximum
Image size	29.1 x 20.1 in (740 x 510 mm) maximum
Substrate thickness	Paperboard and metallised boards 6 to 10 pt (140-250 microns); PVC and Polypropylene up to 25 pt (630 microns); PET up to 16 pt (400 microns)
Substrate type	Paperboard, including C1S and C2S, virgin, recycled and metallised. Optional support for synthetics.
Substrate weight	Paperboard and metallised boards 150 to 450 gsm; PVC up to 880 gsm; Polypropylene up to 630 gsm; PET up to 550 gsm
Feeder	Palette feeder: Up to 33.4 in or 1100 lb (85 cm or 500 kg) of media. Drawer feeder: two drawers, with 11.8 in (30 cm) of media.
Stacker	25.2 in (64 cm) of media
Print server	HP Production Pro for Indigo Labels & Packaging
Press dimensions	Length: 11,500 mm; Width: 433 in (4700 mm); Height: 94 in (2400 mm); Depth: 185 in
Press weight	28,600 lb (13,000 kg)
Cloud connectivity	Via HP PrintOS*
HP Indigo Electroink**	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
5-color printing	Cyan, Magenta, Yellow, Black, and White
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange, Violet, and Violet for packaging
HP IndiChrome Plus 7-color printing	Cyan, Magenta, Yellow, Black, Orange, Violet, Violet for packaging and Green
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing Service 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 on-press; HP IndiChrome Plus on-press; HP IndiChrome off-press (IMS) Ink Mixing Service for achieving up to 97% of the PANTONE® color range.
Options	
Synthetic Kit	Print on synthetics. Includes corona unit for refreshment treatment
Reinsertion Kit	Enables double-sided printing with accurate reinsertion
Inline Coater Adaptor	Interface between press and inline coater
HD Imaging	Resolution: 1625 dpi addressability (virtual 4876 x 4876 dpi)
Fine Line RIP	1600 dpi RIP for HD Imaging
Advanced Automatic Alert Agent	Updated inline quality control system with full page and single box eject
Enhanced Productivity Mode	Enables three-color EPM printing (Cyan, Magenta, Yellow)

* In keeping with the recommendation of government agencies such as the German Federal Institute for Risk Assessment (BfR), it is advisable to have a polymeric layer or other barrier between the paperboard inner surface and the food when printing on folding cartons or paperboards.

** Food products and packaging are a highly regulated sector, with varying requirements depending on where they are placed on the market. Therefore, converters are reminded to ensure that all materials utilized in the printing process are suited for the intended application and its conditions of use, and that the printing is performed in accordance with Good Manufacturing Practices.

HP INDIGO 35K DIGITAL PRESS

THE FUTURE UNFOLDS
Gain on high-growth business with the step-function press for short-run folding cartons.

Build a high-growth, profitable business by capturing a share of the growing need for short-run jobs, delivered in fast turnaround time and enhanced with high-value features, including brand protection and mass customization, all while saving time and waste.

The future
unfolds

—

There's a growing appetite for boxes that go beyond basic. Consumers are increasingly in control, judging brands by their product authenticity, sustainability, and level of engagement. This shift in buyer influence is driving brands toward greater environmental responsibility, more SKUs, personalization, and faster time-to-market. Today's jobs are just different. The playing field has been turned on its head. Small/craft brands act big and mega brands act agile. As a Folding Carton converter, you need to cater to both ends of the spectrum—from strategic mini-scale runs to boxes that comply with rapidly changing regulations. Your job basket is varied and changing. Forecasting is becoming almost impossible. You need the ability to quickly maneuver and turn on a dime, without hesitation. Boxes with digital features are in hot demand, and there's no sign of this trend cooling off any time soon.

Unbox business opportunities

Tap into today's trends with superior tech

Excel with confidence

Optimize production efficiency by shifting to a digital mindset

Produce dozens of jobs per day and up to 1 million B2 sheets per month, by leveraging new tools to increase print time bay up to 40%.[2] Gain real production agility with drawers, a pallet feeder, and a proof tray on a B2 format.

- Meet very short turnaround times with a B2 format ideal for short runs—saving half the converting waste and cost compared to B1.

- Easily transition from one job to the next with drawers, pallet feeder, and proof-while-printing capabilities.

- Significantly reduce setup with fastest time-to-color enabled by the HP Indigo Spot Master automated color-matching process.

- An end-to-end approach with inline priming, fully integrated coater, and the HP PrintOS[x] workflow ecosystem.

Own the high-value market with wide application range

Adapt to changing market needs with one press that does the work of three. Expand your applications with the widest range of media and inks.[4] Offer high-accuracy embellishment features, inline with the TRESU iCoat 35K.[5]

- Expand your offering with off-the-shelf boards, from recycled and rough media through to metalized and synthetic board to high-end colored substrates.

- Add value with high-accuracy spot varnish decorations with the TRESU iCoat 35K[5], optimized to work inline with this press.

- Expand into digital rigid box applications with lightweight media ranging from 150 microns for liner printing.

- Offer smart packaging with multi-layered brand protection solutions and unique designs by HP SmartStream Mosaic and HP SmartStream Collage.
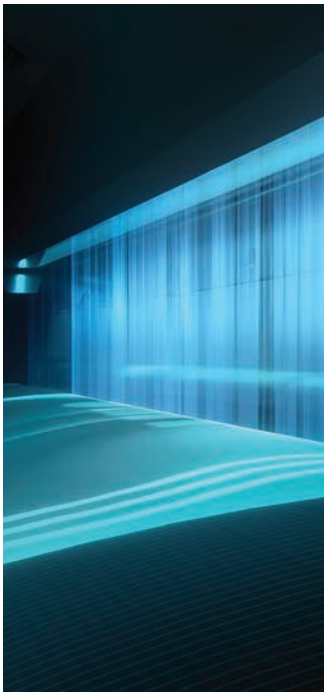
Transcend Packaging

Deliver on the highest quality to meet premium brands' requirements

Meet the most stringent brand color and quality needs in each and every job you deliver with newly introduced automated tools and the HD Imaging System.

- Achieve up to 97% PANTONE® gamut on press using CMYK, OVG, andspot colors.

- Get interchangeable offset quality—with thin layers, dot shapes, and media gloss level—with HP Indigo Liquid Electrophotography (LEP) Technology.

- Produce smooth color tints, detailed small images, and fine small, micro text with the HD Imaging System.

- Offer confidence in color performance with the automated tools and reporting system. Easily reach and maintain color to ensure that every box is the same, wherever and whenever printed.

HP INDIGO
35K DIGITAL PRESS ■

PrintOS[x]
Unleash the performance of your HP Indigo press with a suite of solutions that enables you to create your Print Factory of the future.

SERVICES
Enable your operator to get the most out of your press by building his self-sufficiency through knowledge, an on-press platform and expert support.

MEDIA
Lead, innovate and create distinct and incredible products for your customers with the most diverse media on hand.

HP INDIGO SECURE
Apply never-seen-before adaptive security solutions that provide multi-layered digital protection in just one pass.

SUSTAINABILITY
Step right into the forefront by exceeding your customers' demands and lead a new era of responsible printing.