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.

Media characteristics vary. HP cannot guarantee performance of media not listed in the Media Locator and recommends testing prior to use according to media gamut guidelines.

Above 250 microns according to HP media gamut guidelines.

HP Indigo 25K Digital Press

Technical specifications

- Printing speed: 101 ft./min (31 m/min) in 4-color mode; 138 ft./min (42 m/min) in EPM; 82 ft./min (25 m/min) in 5-color mode
- Image resolution: 812 dpi at 8 bit; addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
- Line screens: 175, 180, 180m, HMF-200
- Image size: 29.37 in x 44.09 in (746 x 1120 mm) maximum; Repeat length: 21.65 in (550 mm) minimum; 44.09 in (1120 mm) maximum
- Substrate thickness: 0.4 mil to 16 mil/0.4pt to 16pt (10 to 400 microns)
- Substrate type: Film (PET, BOPP, PE, BOPA), shrink film (PETG, PVC, OPS) label stock (PE label), pre-laminates (PET/ALU/PE) and paper
- Web width: Maximum width: 30 in (762 mm); Minimum width: 15.75 in (400 mm)
- Priming unwinder: Max roll diameter: 39.37 in (1000 mm)
- Max roll weight: 1876 lb (850 kg)
- Core inside diameter: • Standard 3 in
- Rewinder: Maximum roll diameter: 31.5 in (800 mm)
- Maximum roll weight: 1545 lb (700 kg)
- Print server: HP Production Pro for Indigo Labels & Packaging
- Press dimensions: Width: 383 in (9730 mm); Height: 94.5 in (2400 mm); Depth: 185 in (4700 mm)
- Press weight: 33,112 lb (15,000 kg)
- Cloud connectivity: Via HP PrintOS
- HP Indigo ElectroInks:
  - Standard 4-color printing: Cyan, Magenta, Yellow, and Black
  - Additional process inks: White, Premium 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 Ink Mixing Service for achieving up to 97% of the PANTONE® color range.
- Enhanced Productivity Mode: Enables three-color EPM printing (Cyan, Magenta, Yellow)

Options

- Reinsertion: Simplex and duplex
- Extended inspection capabilities: Reverse Inspection Bridge (RIB) and low tension
- Slitter Inspection: Optional kit for inline PS label slitting
- Automatic Alert Agent (AAA)

Capture your share of the rapid growth in digital flexible packaging with the field-proven solution. You can profitably deliver a vast range of on-demand, sustainable packages with a holistic production ecosystem.

JUMP ON THE FAST MOVING TRAIN

Grow in the on-demand, sustainable Flexible packaging market.
Jump on a fast-moving train

It’s an express train. It’s the fast-growing digital flexible packaging industry, and it isn’t making any stops. The engine is fueled by the intensely personal demands of consumers and an exploding CPG industry that’s evolving to keep pace. In an attempt to disrupt the status quo, small brands are going head-to-head with big brands, as big brands increasingly try to appear small and niche. HP Indigo is the ticket for converters who recognize the opportunity and are ready to make a smart move. Adding an HP Indigo Digital Press to your fleet brings brand new streams of revenue to your production floor. This is your opportunity to hop on a fast-moving train headed straight toward your financial success. HP Indigo flexible packaging solutions complement your business model, whether you’re a big converter dealing with big brands or a small converter helping local brands disrupt. Meet growing demand from brands for shorter runs, speed to market, more personalized experiences, plus grow business and margins across your entire customer base. Leverage the power of HP Indigo digital technology to meet the demands of eco-friendly brands, offer a more sustainable solutions and address real environmental problems.

Be productive with a solution that keeps the environment in mind

Minimize complexities, waste, and overhead to deliver eco-conscious packaging with the agility demanded by brands.

• Faster time from file to pouch with a tailored end-to-end solution including industry-leading vendors. HP Indigo complies with food packaging regulations. FDA, Title 21 of the Code of Federal Regulations for indirect food contact. Swiss Ordinance on Materials and Articles in Contact with Food, RS 817.032.1 (SF). European Commission (EC) No. 1935/2004, for non-food contact. Council of Europe Resolution ResAP (2005/2) for indirect food contact; Nestlé Guidance Note on Packaging Inks, exclusion and Article 3 of the EU framework regulation 1935/2004, for non-food contact. Compared to major digital printing competitors providing mid-web flexible packaging solutions as of November, 2019. Delta compared to flexo and 60-80% compared to gravure.

• Cash-in on the exploding demand for eco-conscious flexible packaging with the digital technology that complies with global standards.

• Produce a vast range of flexible packaging applications using off-the-shelf substrates with any converting technology.

• Food-packaging compliant with EU and FDA regulations.

Meet brand quality with confidence

Meet the most stringent brand color and quality needs, with the inherent technology advantages of HP Indigo liquid electrophotography (LEP) technology.

• With the widest color gamut and white portfolio, provide true spot colors and up to 97% of PANTONE® colors.

• Meet brand expectations with gravure-matching quality and enable perfect color registration with HP Indigo One Shot Color technology.

• Hit brand colors in minutes; get consistent color day after day with HP Indigo Spot Master and automatic color tools.

• Enable perfect color registration with HP Indigo One Shot Color technology—all color separations are transferred simultaneously in a single pass.

Tap into endless opportunities in a growing market

Help generate high margins by winning jobs that are not typically profitable with conventional production.

• Better serve small and medium brands by addressing all run lengths, with no minimum order, and delivered in just a few days.

• Win new business and grow margins by offering smart packaging elements, variable data, and unique designs with HP SmartStream Mosaic and HP SmartStream Collage.

• Produce a vast range of flexible packaging applications using off-the-shelf substrates with any converting technology.

• Food-packaging compliant with EU and FDA regulations.

HP INDIGO 25K DIGITAL PRESS

Fast track your financial success

— Right direction. Right partner.

[1] Field-proven solution based on the HP Indigo 20000 Digital Press, with over 700 installations worldwide as of November, 2019. [2] 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 Practices for Printing. HP Indigo complies with food packaging regulations: FDA, Title 21 of the Code of Federal Regulations for indirect food contact. Swiss Ordinance on Materials and Articles in Contact with Food, RS 817.032.1 (SF). European Commission (EC) No. 1935/2004, for non-food contact. Council of Europe Resolution ResAP (2005/2) for indirect food contact; Nestlé Guidance Note on Packaging Inks, exclusion and Article 3 of the EU framework regulation 1935/2004, for non-food contact. [1] Compared to major digital printing competitors providing mid-web flexible packaging solutions as of November, 2019. [2] Compared to conventional flexo and gravure print, laminate, and pouch making methods and based on internal HP testing, 2017. [3] Based on a third-party life cycle assessment comparison to flexo and gravure that showed the HP Indigo Digital Press has low environmental impact on flexible packaging at all economic jobs across all 15 environmental impact categories considered in the study. For details, see the technical white paper. Low environmental impact printing with HP Indigo Digital Presses, 2015. [4] For example, HP Indigo’s print engine has passed leading standards tests, and a wide set can also be used for printing consumable packaging. For details on approved inks and allowed limits, please contact the HP Indigo team for more information.

[3] Better serve small and medium brands by addressing all run lengths, with no minimum order, and delivered in just a few days.

• Win new business and grow margins by offering smart packaging elements, variable data, and unique designs with HP SmartStream Mosaic and HP SmartStream Collage.

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