HP Indigo GEM

Technical specifications

**Printing and embellishing speed**
Up to 98.4 ft/min (30 m/min)

**Configuration**
- Two printing bars
- Foil station
- Cast & Cure / 2nd foil station
- Flexo unit
- Corona

**Substrate thickness**
1.57-9.84 mil (40-250 micron)

**Substrate type**
- Pressure-sensitive label stock, mainly PE, PP, coated papers
- Wine papers require testing

**Web width**
- Max. width: 13.38 in (340 mm)
- Min width: 7.87 in (200 mm)

**Foil inner core diameter**
3.54 in (90 mm)

**HP Indigo GEM dimensions**
- Length: 122 in (3.1 m)
- Depth: 75 in (1.9 m)
- Height: 82.6 in (2.1 m)

**HP Indigo GEM weight**
9600 lbs (4355 kg)

**Server**
HP Production Pro for Indigo Labels & Packaging

**HP Indigo GEM Supplies**
- HP Indigo GEM Clear
- Jet clean Varnish
- Foil
- Cast & Cure Films

- Off the shelf; Supported by various vendors

**Tactile thickness**
- Up to 2 pt. (50 micron) with top-coated foil at 4-color speed
- Up to 1 pt. (25 micron) per printing bar at 4-color speed

**Compatibility**
- HP Indigo 6K and HP Indigo 6900 and HP Indigo 6800 digital presses

This fully digital, integrated product provides print and embellishment in one-pass with breakthrough productivity, enabled by a unique workflow. Work with a wide range of embellishments, and enjoy instant proofing and same-day delivery, even with variable design.

**SHINE IN ONE STEP**
The same-day, one-pass solution for fully digital printed and embellished labels.
Shine in One Step with Digital Embellishments

In an increasingly competitive, faster-changing world, brands are doing everything to make their products shine with outstanding shelf appeal and move away from commoditization. Embellishments are the most traditional way to make packaged products stand out, but the need for more agile production calls for a change in how embellishments are done.

We invite you to step into the next digital revolution with HP Indigo GEM. Integrated with the HP Indigo 6K Digital Press, this fully digital print-and-embellish one pass solution provides a wide range of embellishments, with breakthrough productivity. All the commonly used embellishments: foil, spot varnish, tactile, cast & cure are now digital, variable, personalized on-demand and have all HP Indigo SmartStream Designer Capabilities. Use GEM Continuous Printing Mode to print embellished jobs one after the other, non-stop, without changing machine setup and with no waste. Enjoy instant proofing and same day delivery even for labels with variable embellishments design.

New, endless profitable possibilities
Amaze brands with new ways to embellish labels for innovative shelf appeal. All the commonly used embellishments are now digital, variable, personalized, and on-demand.

• Expand your offering with digital embellishments including, foil, spot varnish, tactile, and cast and cure—and every possible combination.
• Add high-value, high-margin features from brand protection and security to one-of-a-kind variable designs.
• Get perfectly matched variable data in both print and embellishments—including security—automatically.

Breakthrough productivity, with a unique workflow
Digitally print and embellish in one pass. Help eliminate analog processes, costs, and complexities. Enjoy an efficient, flexible production line with zero tooling. Minimize waste through Continuous Printing Mode and shorten lead times.

• Radically simplify to a digital, single, and integrated print and embellishment process.
• Help eliminate the cost, time, and labor required by analog tooling, including make-ready and setup times.

Instant proofing, same-day delivery
Offer your customers an entirely new experience from a shorter approval process to more options with multiple versions—all while helping to reduce your lead times and speeding your time-to-market.

• Save your customers’ time with the convenience of job proofing, without the wait.
• Speed selection and approval processes by easily presenting multiple versions of embellished jobs.
• Correct and make changes on-the-fly without retooling or repeat customer visits.
• Deliver same day, even with print and embellishments variable data, leveraging all the advantages of digital.

• Become more efficient than ever by printing embellished labels one after the other, non-stop, with zero waste, regardless of label design, repeat length and size using our Continuous Printing Mode.
• Add any type of embellishment without slowing down your press.

The digital printing leader (1) HP Indigo solutions lead the digital label industry with over 65% market share as of November, 2019.

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

OPROPS
Unlocks the performance of your HP Indigo press with a suite of solutions that enables you to create your Print Factory of the future.

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

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

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• Get perfectly matched variable data in both print and embellishments—including security—automatically.

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