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Printing and embellishing speed	Up to 98.4 ft/min (30 m/min)
Configuration	Two printing bars, foil station, 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

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

HP Indigo GEM Technical specifications

HP
INDIGO

GEM

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.



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This is an HP Indigo digital print

Learn more at
hp.com/go/indigo

Sign up for updates
hp.com/go/getupdated





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.



Multiply business opportunities

The power of HP Indigo's technology

The perfect equation

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 time.

- 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.

- 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.



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.



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.



HP INDIGO GEM



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

PrintOS[®]
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.