It started with a winning formula

The success of the HP Indigo Electrophotography (LEP) technology has been proven by

8K

Presses Installed

120

Countries all over the world

1993

Since

In
The next decade of print will pack even more excitement than the last. We invested and innovated to achieve a quantum leap in the performance of our field-proven print technology. HP Indigo LEPX is here to power your print factory of the future.

—Haim Levit
General Manager, HP Indigo
...and there’s no end in sight

You helped us perfect it

For more than two decades, we have worked with our customers to continuously refine, improve and perfect HP Indigo LEP technology in the most demanding markets around the world.
Mission:
Achieve a quantum leap in speed, without compromising the quality and performance you have come to trust from HP Indigo.

Solution:
Develop a brilliantly simple architecture to achieve an exponential increase in speed, without changing the fundamental physics and chemistry of our proven HP Indigo LEP technology.

Now, we’re multiplying it
We’re creating a new way of doing business

That will change how you view your job basket and introduce new economics for your entire operation.

The digital label factory of the future

We’ve maximized efficiency, minimized waste and made you unstoppable with non-stop production. Business as usual is a thing of the past.

Rooted in an industry-winning formula

It took a press with 100% HP Indigo technology, for Indigo to outdo itself — pushing the limits of label printing yet again. New cutting-edge LEPx technology elevates your entire operation with breakthrough efficiencies, built on the proven HP Indigo capabilities you’ve grown to love.

Predictable profitability

Run a lean production floor, boasting cost efficiencies like lower labor and overhead costs. Remove the anxiety of imprecise cost estimations with predictable HP Indigo end-to-end solutions.
Start Your Imaging Engines (All 6 of Them)

See what you can do in a single shift with the HP Indigo V12 Digital Press.
The New Math of Label Printing

HP Indigo introduces the new math of label printing with the HP Indigo V12 Digital Press, the first press to utilize the industry-altering LEPx technology.

**INTUITIVE USER INTERFACES**
Newly designed physical and software interfaces

**12 HP ELECTROINK STATIONS**

**LEPX ARCHITECTURE**
Multi-Imaging Engine architecture – LEPx technology incorporates six Imaging Engines, each making its own color separation on the Blanket Belt simultaneously

**LEPX BUILDING BLOCKS**
New Photo Imaging Drum (PID) and Blanket Belt

**LED WRITING HEAD**
New LEPx writing heads featuring thousands of LEDs to compose an image as an electrostatic field at 1600 DPI resolution

**IN-LINE PRIMING UNIT**
Fully integrated priming operating at the full speed of the press
The powershift...

See how all the numbers of the new math of label printing add up, in a single production powershift.

12
8-hour shift
(Including a 1-hour lunch break)

37,551
Different self-adhesive substrates
GPA White Bopp and Wausau semigloss paper

120
Total linear meters

Over

Up to

21
SKUs

851,282
Labels

26
Different jobs

And use a single design to create 174,240 unique Mosaic labels, made possible by HP SmartStream Designer
The HP Indigo V12 Digital Press changes the equation

Press print and the LED writing head composes your image as an invisible electrostatic field on the Photo Imaging Drum (PID). This process provides the roadmap for electrically charged HP ElectroInk particles to be drawn directly to specific locations within the electrostatic field on the Photo Imaging Drum (PID). Each separation is generated by an LEP² Imaging Engine, consisting of an LED writing head, a Photo Imaging Drum (PID) and two HP ElectroInk sources. Six LEP² Imaging Engines work simultaneously to apply each precise color separation and create a complete image on the Blanket Belt. A perfectly registered image is applied from the Blanket Belt to the substrate in one shot for consistent quality and accuracy. LEP² is a self-surpassing leap forward for the HP Indigo LEP technology that already powers thousands of presses around the world. It multiplies the speed of the technology you already trust, while automating your workflow and simplifying operations.

- Powered by the new industry-altering HP Indigo LEP² technology
- Using up to 12 ElectroInks interchangeable on the fly
- Delivering high quality and digital breakthroughs at 120 Linear meters per minute
- The proven performance of HP Indigo reimagined for decades to come
- Achieve up to 4x higher throughput per operator than flexography print
- Giving you much more than speed and quality: creating a new math of label printing

The HP Indigo V12 Digital Press is powered by the new industry-altering HP Indigo LEP² technology, delivering high quality and digital breakthroughs at 120 Linear meters per minute, achieving up to 4x higher throughput per operator than flexography print. Using up to 12 ElectroInks interchangeable on the fly, the proven performance of HP Indigo is reimagined for decades to come. Giving you much more than speed and quality, creating a new math of label printing.