



# HID® FARGO® HDP5000e

High Definition Printer/Encoder





# FARGO HDP5000e

**Where Unparalleled Reliability Meets  
Exceptional Usability and Performance.**

## **A HISTORY OF PROVEN EXPERTISE YOU CAN TRUST**

FARGO introduced High Definition Printing (HDP®) in 1999, and we've been advancing the technology ever since. Built on seven generations of proven retransfer technology over the last 25 years, the FARGO HDP5000e ID card printer emerges as the next iteration of FARGO high definition printing solutions, redefining the standards of reliability, usability, security and printing excellence.

Offering superior-quality printing for every need — from sharp and vibrant photo ID cards to multifunctional, high-security applications — and virtually every budget, the FARGO HDP5000e delivers.

## **CUSTOMER-INSPIRED INNOVATION**

Crafted through the meticulous cultivation of insightful feedback from our valued users, partners and internal stakeholders, the FARGO team has engineered a printer that not only maintains the exceptional quality of its HDP5000-series predecessors but adds new customer-inspired features, enhanced usability and performance gains.

**BROCHURE**

## **UNPARALLELED RELIABILITY**

The HDP5000e is exceptionally reliable, which means less overall maintenance and decreased printer downtime. From its reinforced connection points and streamlined module attachment to its advanced card type selector, the HDP5000e was designed for dependability inside and out. The printer's connectivity reinforcements strengthen and protect the USB, Ethernet and power cable connection points — increasing overall resilience and reducing the risk of main board damage or intermittent connectivity — and ensuring stable and reliable operation and data transfers.

The printer's streamlined module attachment ensures a smooth, unobstructed card path and helps eliminate common issues such as internal card jams and misalignment — while its advanced card selector and automatic settings adjustments help safeguard against delamination, card jams, and subsequent consumables and card waste.

For reliable, uninterrupted ID badge and card printing, reduced maintenance and consistent, stunning print quality — you can rely on the FARGO HDP5000e.

## USABILITY ENHANCEMENTS AT EVERY TURN

Whether your card printer operators are seasoned IT professionals or novice users, solutions that are easy to set up, use and maintain over the long term will ensure your card program runs smoothly for years to come. Beyond its robust feature set, the HDP5000e simplifies and streamlines operation with its many usability enhancements. Its user-friendly and high-definition SmartScreen™ interface provides easy-to-understand notifications and helpful, walk-through prompts for setup, maintenance and troubleshooting — making it easily accessible to virtually all skill levels.

Thoughtfully designed, the HDP5000e provides hassle-free card path access as well as easy access to film and ribbon drawer assemblies without the need for tools. It also boasts a sleek and smooth, easy-to-clean exterior — sporting a professional, high-quality appearance while simplifying maintenance routines.

## SECURITY FROM END TO END

Equipped with several security features and an option to add physical locks, the FARGO HDP5000e plays an integral role in the overall security of your card issuance program. Here's how:

- **Resin scramble data protection\*** — This unique feature adds an additional layer of security by scrambling and subsequently concealing any information printed with a resin panel. Used ribbon panels are rendered indecipherable, safeguarding cardholder data from fraudulent use.
- **AES 256 data encryption** — Encrypted print job data packets further protect sensitive cardholder data while in transit, guaranteeing data integrity and authentication to the final issuance endpoint
- **Physical locks\* for card hoppers and consumables access** — Optional locks prevent unauthorized users from accessing cards and/or other consumables, thus thwarting the ability to create counterfeit cards

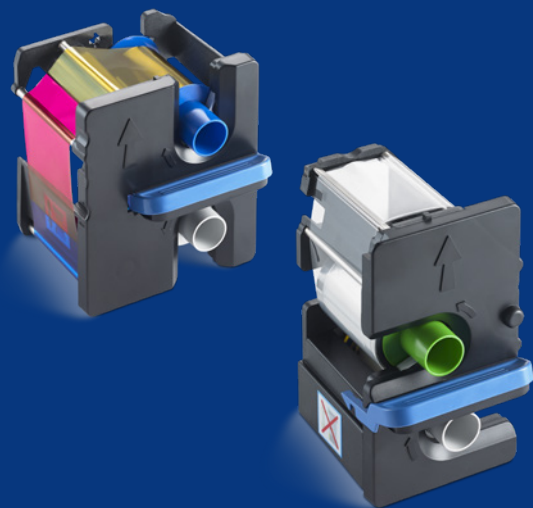
## High Definition Printing

High Definition Printing delivers the highest image quality layered on the highest functioning cards. Because HDP film is fused directly to the surfaces of proximity or smart cards, it naturally conforms to ridges and indentations created by embedded electronics inside the card — ensuring flawless, sharp looking, finished credentials every time.



## Consumables Convenience

Ribbons, HDP film and overlaminates literally load in a snap via the printer's convenient cartridge-based system — ensuring users can quickly and easily replenish consumables without impacting productivity.



## HIGH-VOLUME PERFORMANCE

Designed to meet the higher-volume needs of medium-to-large corporations, universities, healthcare facilities and government agencies, the HDP5000e features increased card throughput over previous HDP5000-series models. At up to 133 per cards per hour, the HDP5000e is among the fastest printers in its class.

The HDP5000e's advanced electronics platform ensures faster and more precise control over the printing process, resulting in higher resolution and more vibrant images. The printer's enhanced memory and processing capabilities allow for more efficient handling of print jobs, especially in high-volume environments.

The HDP5000e is also equipped with an Ethernet port and internal print server making it ideal for networked operations. Due to its inherent portability and exceptional reliability, the printer is also a perfect fit for distributed issuance environments. Simply put, the HDP5000e is the solution of choice for countless scenarios.

## A CLOUD-READY SOLUTION

Fully compatible with HID's cloud-based card issuance platform, HID FARGO Connect™, the HDP5000e empowers today's organizations to leverage the cloud to create superior-quality, multifunctional employee badges and other secure identity credentials — and issue them from anywhere.



## ENHANCED COLOR PROFILE FOR SUPERIOR IMAGERY

Colors are vibrant. Images and text are crisp. An enhanced color profile ensures that ID cards printed on the FARGO HDP5000e card printer do more than protect your organization — they reflect the value you place on your brand. Its highly vivid imagery also aids in visual ID verification.

## FLAWLESS CREDENTIALS

The FARGO HDP5000e is also right for organizations that demand more functionality from their ID cards. Encoding options can be configured to produce highly secure contact and contactless smart cards that address your specific needs. The HDP5000e can also print up to the very edge of smart chip contacts and virtually over the edge of each card, resulting in professional and polished credentials.

## MULTIPASS FUNCTIONALITY FOR INCREASED DURABILITY

For increased durability, additional HDP film layers may be optionally applied with the printer's inclusive multipass\* function — providing the enhanced protection that high-use IDs and cards demand.

## A MODULAR SYSTEM THAT CAN GROW WITH YOUR NEEDS

The HDP 5000e offers the versatility to meet your card application needs today and in the future. With add-on dual-sided printing, encoding and lamination\* modules, the system's flexible architecture lets you expand or reduce production instantly.

For greater system capacity, an optional dual input card hopper\* lets you easily manage multiple card types and higher card volumes, expediting even the biggest production jobs. An optional 200-card input hopper is also available.

For one-step, inline printing and encoding, multiple, field-upgradable encoder options are also available.

## Versatile Configurations to Meet Every Need



Single-side printer



Dual-side printer with dual input hopper



Dual-side printer



Dual-side printer with lamination

## PERSONALIZE CARDS IN ONE SEAMLESS STEP

FARGO HDP5000e card encoding modules enable organizations to print and encode credentials in a one-step, inline process — saving both time and money. In a single step, the printer/encoder personalizes smart cards with text and color and reads/writes data from/to the card's smart chip. This inline processing speeds ID issuance and effectively eliminates the potential for manual data entry errors that occur in the common two-step card personalization and data encoding process.

Offering a wide array of inline card encoding technologies, the HID FARGO HDP5000e can meet the needs of virtually any secure credential issuance program. Furthermore, because modules are fully field-upgradeable, encoding can be added or changed at any time to support new card personalization or evolving security needs as your requirements change over time.

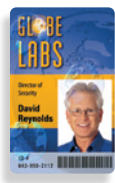


## PRINT AND ENCODE MULTIFUNCTION CARDS FOR A VARIETY OF APPLICATIONS



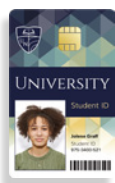
### GOVERNMENT ID

Government agencies demand reliable and secure card issuance for an array of credentials spanning drivers' licenses, national IDs, employee and contractor badges and more. The HDP5000e is a versatile, easy-to-use and cost-effective printer/encoder for producing highly secure, durable, government-issued IDs — cards that are resistant to wear, tear and tampering. Optional Visual Security Elements (VSEs) provide added fraud and counterfeit deterrence.



### CORPORATE ID

From medium-sized companies and large enterprises to healthcare campuses, the HDP5000e streamlines the issuance of multifunctional employee, contractor or visitor ID cards used for visual identification, access control, time and attendance, and payment functions.



### STUDENT ID

Yesterday's student photo ID is today's multifunction campus One Card. A single card can be used for physical access to buildings, logical access to networks, library checkout and other services, as well as cashless and debit card transactions on and off campus. The HDP5000e makes on-the-spot issuance of these multifunctional student IDs fast and efficient.

## LEVEL UP YOUR CARD PRINTING EXPERIENCE

Only one card printer offers 7th generation retransfer technology for every need — from sharp and vibrant photo ID cards to multifunctional, high security ID badge and card applications, the customer-inspired FARGO HDP5000e is the solution of choice for superior image quality, ease of use and printer reliability.



## LEARN MORE TODAY

To learn more about the FARGO HDP5000e or to find a FARGO dealer or integrator near you, visit [hidglobal.com](http://hidglobal.com).

### SPECIFICATIONS OVERVIEW (COMPLETE HDP5000E SPECS AVAILABLE AT HIDGLOBAL.COM)

<b>Print Method:</b>	HDP Dye-Sublimation / Resin Thermal Transfer	
<b>Resolution:</b>	300 dpi (11.8 dots/mm)	
<b>Colors:</b>	Up to 16.7 million / 256 shades per pixel	
<b>Print Speed (Batch Mode):***</b>	<ul style="list-style-type: none"> <li>• Up to 27 seconds per card/ 133 cards per hour (YMCK** with transfer)</li> <li>• Up to 33 seconds per card/ 109 cards per hour (YMCKK** with transfer)</li> </ul>	
<b>Accepted Standard Card Sizes:</b>	CR-80 (3.370" L x 2.125" W / 85.6 mm L x 54 mm W)	
<b>Accepted Card Thickness:</b>	.030" (30 mil) to .050" (50 mil) / .762 mm to 1.27 mm	
<b>Input Card Cartridge Capacity:</b>	100 cards (.030" / .762mm) – Optional dual input hopper* or 200-card input hopper available for a total input capacity of 200 cards	
<b>Output Hopper Card Capacity:</b>	200 cards (.030" / .762 mm)	
<b>Software Drivers:</b>	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022	
<b>Print Area:</b>	Over-the-edge on CR-80 cards	
<b>Warranty:</b>	Printer - Four years including one year of free printer loaner support with option to purchase a second year of printer loaner support (U.S. only) Printhead – Lifetime, unlimited card passes	
<b>Options:</b>	<ul style="list-style-type: none"> <li>• Dual-sided printing</li> <li>• Lamination module*</li> <li>• Magnetic stripe encoder*</li> <li>• Contact smart card encoder</li> <li>• Contactless smart card encoding modules</li> <li>• Single-wire Ethernet or USB 2.0 interface for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license)</li> </ul>	<ul style="list-style-type: none"> <li>• 200-card input hopper</li> <li>• Dual input card hopper*</li> <li>• Physical locks for card hoppers and consumables access*</li> <li>• Secure Proprietary Consumables</li> <li>• Printer Cleaning Kit</li> </ul>
<b>Included Software</b>	FARGO Workbench™ diagnostic utility with Color Assist spot-color matching included with driver	

\* Coming Soon — Please note that some features and options for the HDP5000e will not be available upon initial commercial launch of the HDP5000e printer/encoder but are expected to be available at a later date. Expected availability and release dates of these features and options are tentative and subject to change. Please contact your local HID Sales Representative for additional information.

\*\* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black

\*\*\* Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the CPU, the amount of RAM and the available resources at the time of the print.



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2024-09-18-si-fargo-hdp5000e-printer-br-en  
PLT-07826

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