HID® FARGO® HDP5000

High Definition Printer/Encoder

Create vibrant, high-definition cards and IDs.

FLAWLESS CREDENTIALS

Colors are vibrant. Images are crisp. Quality is second to none. ID cards printed on FARGO HDP5000 card printers do more than protect your organization — they reflect the value you place on your brand. HDP5000 produces ID cards with the highest, 300 dpi image quality available. By printing a reverse image on the underside of HDP film, then fusing the film to the card surface, the HDP5000 creates an image quality that looks more like a sharp glossy photo than an ordinary ID badge.

Printing on film instead of directly on the card means that the uneven surfaces of technology cards won't compromise image quality. The HDP5000 can print up to the edge of smart chip contacts, and over the edge of the card.

HIGH QUALITY MEETS AFFORDABILITY

With the FARGO HDP5000, the price tag looks as great as the cards it produces. Delivering high-definition images cost-effectively makes the HDP5000 an ideal solution for a broad range of organizations.

RELY ON IT FOR MORE THAN GOOD LOOKS

The HDP5000 is exceptionally reliable, which means less printer downtime. Because the printhead never comes in contact with card surfaces or debris, it is less susceptible to damage during the printing process. Moreover, it carries a lifetime*** warranty.

Cards produced by High Definition Printing (HDP®) are inherently more durable and secure than other types of cards. They resist wear and tear by putting a durable layer of HDP film between the card image and the outside world. They're also tamper-evident — if a counterfeiter tries to peel apart the layers, the image essentially destroys itself.

IMPROVEMENTS YOU'LL SEE IN EVERY CARD

FARGO introduced High Definition Printing in 1999, and we've been advancing the technology ever since. The HDP5000 is one of the most affordably priced reverse transfer printers on the market today. It's also the most efficient, with improvements at every level. Simple operation requires only minimal training. Cards, ribbons and overlaminates literally load in a snap via the cartridge-based system. Fast printing, combined with a dual input card hopper for multiple card types help you fly through the biggest production jobs.

ADD DUAL-SIDED DURABILITY AND SECURITY — FAST

Applying a holographic overlaminate or holographic HDP film to the front of an ID card improves its durability and security. An overlaminate on both sides doubles the protection. The HDP5000 laminates both sides of a card simultaneously in one efficient pass. As the lamination module does not require a card flipper, it doesn't waste time by turning a card over and laminating it again. Saving a few seconds per card may not sound like much but multiplied by a 5,000- or 10,000-card production run, the savings are substantial.

THE RIGHT PRINTER FOR EVERY APPLICATION

High Definition Printing is the technology of choice for the best looking ID cards available, making the HDP5000 a smart choice for retail stores, recreation facilities, or any organization whose brand image is paramount. Using the printer's Color Assist utility, organizations can match spot colors to ensure accurate replication and printing of graphics such as company logos.

It's also right for organizations that demand more functionality from their ID cards. Universities, businesses and corporations, health care facilities and government agencies are all expanding their use of multifunction smart cards. Encoding options allow configuration of the HDP5000 to produce highly secure contact and contactless smart cards that address your specific needs. And print quality is never sacrificed; the High Definition Printing process fuses the HDP film to the card surface, conforming to ridges and indentations of the embedded electronics in smart and prox cards so images are always sharp.

PRODUCE HIGH DEFINITION CARDS ANYWHERE

Card production is no longer limited to stand-alone badging stations. A retail chain, for example, can distribute gift or loyalty card issuance over a network to any location. On a corporate campus or university, an array of printer/encoders can be set up in a central location for high-volume ID production. The printer's Ethernet port and internal print server provide the connectivity needed for networked operations. The HDP5000 is the ideal choice for countless scenarios.

High Definition Printing

High Definition Printing (HDP) 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.

Personalize cards and IDs in one seamless step.

SIMPLIFIED, INLINE PERSONALIZATION OF SECURE CREDENTIALS IN A SINGLE STEP

HID FARGO HDP5000 card encoding modules enable organizations to print and encode credentials in a one-step, inline process — saving both time and money when producing secure credentials for employees, contractors, vendors or students. Using inline card personalization, users have greater flexibility and end-to-end control over their card procurement, inventory management and card issuance processes. Additionally, by combining printing and encoding processes, organizations can rest assured that their company-, employee- or student-specific data is included on each user's card, further extending the overall security of the card issuance program.

HID card encoding modules also extend the value of HID FARGO HDP5000 printers by allowing organizations to create cards that are compatible not only with HID products but also with other card and/or physical access control systems and third-party applications. This technology-agnostic approach to card personalization offers organizations more flexibility in selecting access control systems and greater control over their credentials.

A WIDE VARIETY OF OPTIONS TO MEET A WIDE VARIETY OF NEEDS

Select from a variety of encoding module options to extend read/write capability for third-party applications such as physical access, time and attendance, and cashless vending, among others.

Offering a wide array of inline card encoding technologies, the HID FARGO HDP5000 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.

The next generation of smart card applications.

WITH THE HDP5000, YOU CAN PRINT IN HIGH DEFINITION AND ENCODE MULTIFUNCTION CARDS FOR A VARIETY OF APPLICATIONS:

GOVERNMENT ID

Whether it is for drivers' licenses, national IDs, or employee and contractor badges, government agencies demand reliable and secure card issuance. The FIPS-201-certified HDP5000 is a versatile, easy-to-use and cost-effective printer/encoder for producing high-secure, durable government IDs. Its High Definition Printing capabilities produce cards that are resistant to wear, tear and tampering. Optional Visual Security Elements (VSEs) provide added fraud and counterfeit deterrence.

CORPORATE ID

From small businesses to large corporations, the HDP5000 streamlines the issuance of multi-functional employee ID cards used for visual identification, time and attendance, access control and payment functions. In an inline process, the printer personalizes smart cards with text and color, and reads pre-programmed access card data, such as iCLASS®. The printer's inline processing saves time, speeds ID issuance and effectively reduces data entry errors that occur in the common two-step access card personalization process.

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 HDP5000 makes on-the-spot issuance of these multifunctional student IDs fast and efficient. For IDs that experience a lot of wear and tear, durable, secure and tamper-resistant High Definition Printing technology is the right choice.

Enjoy flexible modularity.

A MODULAR SYSTEM THAT CAN GROW WITH YOUR NEEDS

The HDP5000 offers the versatility to meet your card application needs today and in the future. The system's flexible architecture lets you expand or reduce production instantly, with options to add modules for:

- Dual-sided printing
- Contact encoding
- Contactless encoding
- Lamination

EXPAND FUNCTIONALITY AND CAPACITY QUICKLY AND EASILY

To enhance functionality or increase printing capacity, the HDP5000 offers optional add-on input hoppers.

The optional dual input card hopper lets you easily manage multiple card types — such as printing employee badges versus temporary IDs for contractors or visitors — all without having to unload and reload specific card types. This helps ensure your users enjoy continuous, uninterrupted productivity.

For expanded capacity, an optional 200-card input hopper allows for printing cards in higher volumes, expediting even the biggest production jobs.

DUAL-SIDED PRINTER/ENCODER

LAMINATION AND DUAL INPUT CARD HOPPER OPTIONS

TAKE CARD PRINTING TO THE NEXT LEVEL

Offering proven retransfer technology for every need and virtually every budget — from sharp and vibrant photo ID cards to multifunctional, high-security applications — the FARGO HDP5000 delivers on the promise of ultimate image quality and printer reliability, affordably.

LEARN MORE ABOUT THE HDP5000

To find a FARGO dealer or integrator near you, visit **hidglobal.com**

SPECIFICATIONS OVERVIEW (COMPLETE HDP5000 SPECS AVAILABLE AT HIDGLOBAL.COM)

Print Method:	HDP Dye-Sublimation / Resin Thermal Transfer
Resolution:	300 dpi (11.8 dots/mm)
Colors:	Up to 16.7 million / 256 shades per pixel
Print Speed (batch mode):**	• up to 24 seconds per card / 150 cards per hour (YMC with transfer)* • up to 29 seconds per card / 124 cards per hour (YMCK with transfer)* • up to 40 seconds per card / 90 cards per hour (YMCKK with transfer)* • up to 35 seconds per card / 102 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)* • up to 48 seconds per card / 75 cards per hour (YMCKK with transfer and dual-sided, simultaneous lamination)*
Accepted Standard Card Sizes:	CR-80 (3.370˝ L x 2.125˝ W / 85.6 mm L x 54 mm W)
Accepted Card Thickness:	.030˝ (30 mil) to .050˝ (50 mil) / .762 mm to 1.27 mm
Input Card Cartridge Capacity:	100 cards (.030˝ / .762 mm)
Output Hopper Card Capacity:	200 cards (.030˝ / .762 mm)
Software Drivers:	Windows® 10 / 8.1 / 8 / 7 / Vista® / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003 / Server 2003 R2
Print Area:	Over-the-edge on CR-80 cards
Warranty:	Printer - Three 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
Options:	• Dual input card hopper • Card lamination module – single-sided or dual-sided (simultaneous) • Smart card encoding (contact/contactless) • Dual-sided printing • Door and cartridge locks • Printer cleaning kit • Magnetic stripe encoding • 200-card input hopper • Secure Proprietary Consumables System • Custom Secure Holographic HDP film and Overlaminate
Included Software	FARGO Workbench™ Diagnostic Utility with Color Assist spot-color matching

* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, I=Inhibit, F=Fluorescing, H=Heat Seal.

** 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, amount of RAM and the amount of available resources at the time of the print.

*** Three-year warranty available on printers and lifetime warranty available on printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

hidglobal.com

North America: +1 512 776 9000
Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800
Latin America: +52 (55) 9171-1108

For more global phone numbers click here

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Part of ASSA ABLOY

ديجيتال فاكتورز
digital factors

Digital Factors
P.O. Box : 55370, Dubai, UAE.
Tel.: +971 4 268 5656
Email : sales@dfsme.ae

www.dfsme.ae