

# Printing & Encoding Solutions



**FARGO® HDP5000**  
High Definition Printer/Encoder



Ph: (704) 987-2238  
[www.ColorID.com](http://www.ColorID.com)



# Get vibrant, High Definition cards from the reliable, affordable FARGO® HDP5000.



## High Definition Printing™

HDP® delivers the highest image quality layered on the highest functioning cards. HDP Film fuses to the surface of

## Versatility delivered. Complexity simplified.

Colors are vibrant. Images are crisp. Quality is second to none. ID cards printed on FARGO HDP5000 Card Printer/Encoders do more than protect your organization — they reflect the value you place on your brand. HDP5000 produces ID cards with the highest 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.

Cards produced by High Definition Printing are inherently more durable and secure than other

Printing on film instead of directly on the card means that the uneven surface of technology

## Improvements you'll see in every card.

FARGO introduced High Definition Printing in 1999, and we've been advancing 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. Sharp image quality and new half-panel ribbons make High Definition Printing even more economical. Fast printing, combined with a dual card input hopper for multiple card types help you get through the biggest production jobs.

## High quality meets affordability.

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

## Rely on it for more than good looks.

means less printer downtime. Because the printhead never comes in contact with card surfaces or debris, it's never damaged in the printing process. In fact, it carries a lifetime warranty.



Dual-sided printer/encoder



Lamination and dual card input hopper options

## Versatile design grows with your needs.

meet your card application needs today

**Add dual-sided durability and security — fast.**

Applying a holographic overlamine or holographic HDP Film to the front of an ID card improves its durability and security. An overlamine on both sides doubles the life of a card simultaneously in one efficient pass. Since the lamination module needs no 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. With the printer's Color Assist tool in the included Workbench diagnostic utility, organizations can match spot colors to ensure accurate printing of graphics such as company logos.

It's also right for organizations that demand more functionality from their ID cards. Colleges, loyalty and membership programs, businesses and corporations, health care facilities and government agencies are all using 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 card so images are always sharp.

**Produce High Definition cards anywhere.**

Card production is no longer limited to stand-alone badging stations. A retail location can issue cards 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 production. A server provide the connectivity needed for an ideal choice for countless scenarios.

**Take your card printing higher.**


Only one card printer offers ultimate image quality and printer reliability, a workhorse. For every need — from great-looking photo ID cards to multifunctional, high-security applications — the HDP5000 does the job beautifully.

**Learn more about the HDP5000**

near you, visit [hidglobal.com](http://hidglobal.com)

### 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 IDs**  
Whether it is for drivers' licenses, national IDs, or employee and contractor badges, government agencies demand reliable and secure card production. The 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. The HDP5000 and its materials provide added fraud and counterfeit deterrence.

**Corporate IDs**  
From large corporations to small businesses, the HDP5000 is streamlining issuance of multifunctional 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 programmed access card data, such as employee name and ID number. This saves time, speeds ID issuance and effectively reduces data entry errors that occur in the common two-step access card personalization process.

**Student IDs**  
Yesterday's student photo ID is today's multifunctional 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 transactions. The HDP5000 makes on-the-spot issuance of these multifunctional student IDs fast and easy. The HDP5000 is resistant to wear and tear, durable, secure and tamper-resistant. High Definition Printing technology is the right choice.

**Specifications Overview** (complete HDP5000 specs available at [hidglobal.com](http://hidglobal.com))

<b>Print Method:</b>	Direct to Card (DTC) / Inkjet
<b>Resolution:</b>	300 x 300 dpi
<b>Colors:</b>	CMYK (Cyan, Magenta, Yellow, Black)
<b>Print Speed (batch mode):**</b>	Up to 100 cards per minute (CPM) depending on card size and options
<b>Accepted Standard Card Sizes:</b>	Standard ID card sizes (e.g., 2.125" x 3.375")
<b>Accepted Card Thickness:</b>	0.030 (30 mil) to 0.050 (50 mil)
<b>Input Card Cartridge Capacity:</b>	100 cards (0.030" thick)
<b>Output Hopper Card Capacity:</b>	200 cards (0.030" thick)
<b>Software Drivers:</b>	Windows, Linux, Mac OS X
<b>Print Area:</b>	2.125" x 3.375" (standard)
<b>Warranty:</b>	1 year limited warranty
<b>Options:</b>	Color Assist, Overlamine, Cartridge Locks, etc.
<b>Included Software:</b>	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.  
 \*\*\* Linux versions: Ubuntu 8.04, 9.04 & 10.10, Debian 5.03 & 5.04, Fedora 7, 8, 9, 10, 11 & 14, Mandriva One 2009, Red Hat Enterprise 5 & 6, openSuse 10.3 & 11.1, SUSE 11.4



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FARGO® HDP5000 High Definition Printer has been approved as FIPS 201 compliant by the United States General Services Administration (GSA) under the card printer category and has been added to the GSA FIPS 201 Approved Products List.