



FARGO® HDP5000 - High Definition Printer

With the HDP5000, you can print in high definition and encode multifunction cards for a variety of applications such as Government IDs, Corporate IDs and Student IDs. The HDP5000 offers the versatility to meet your card application needs today and in the future.

High image quality

High Definition Printing™ HDP® delivers the high image quality layered on the highest functioning cards.

For every need From great-looking photo ID cards to multifunctional, high-security applications.

The right printer for every application

Visual identification, time and attendance, access control and payment functions.

Reliable and secure

High definition printed cards are 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.

The HDP5000 is very reliable, which 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.

The encoding options allow configuration of the HDP5000 to produce highly secure contact and contactless smart cards.

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.

Add dual-sided durability and security

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. Since the lamination module needs no card flipper, it doesn't waste time by turning a card over and laminating it again.

Specification

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):**

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)

Options:

- Dual card input 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 Overlamine

Interface: USB 2.0 (high speed) and Ethernet with internal print server.

Print Area: Over-the-edge on CR-80 cards

Dimensions: HDP5000: 11.50"H x 12.25"W x 9.25"D / 292mmH x 313mmW x 235mmD

HDP5000 + Dual-Sided Module: 11.50"H x 17.50"W x 9.25"D / 292mmH x 445mmW x 235mmD

HDP5000 + Single-Sided Lam Module: 12.75"H x 25"W x 9.25"D / 324mmH x 635mmW x 235mmD

HDP5000 + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 9.25"D / 324mmH x 762mmW x 235mmD

Lam Module: 12.75"H x 12.25"W x 9.25"D / 324mmH x 313mmW x 235mmD

Weight: HDP5000, 7.3 kg, HDP5000 + Dual-Sided Module: 10 kg, HDP5000 + Single-Sided Lam Module: 12.7 kg, HDP5000 + Dual-Sided Module + Dual-Sided Lam Module: 16.4 kg.

Single Wire USB 2.0 Encoding Options:

ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3. Contactless Smart Card Encoder (HID iCLASS® and MIFARE). ISO 7816 Contact Smart Card Encoder. Prox Card Reader (HID read-only). Software Drivers: Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.6 / v10.5 & Linux***

Operating Temperature: 18° to 32° C .

Humidity: 20 - 80% non-condensing.

Supply Voltage: 100-240 VAC, 3.3A

Supply Frequency: 50 Hz / 60 Hz

Certifications: UL, CE, IC, FCC Class-A, CCC, BSMI, KC, MIC

Software Drivers: Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.6 / v10.5 & Linux***

Display: User friendly, SmartScreen™ graphical display.