

FARGO HDP5000e

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 Ribbon Options:	• Full-color, YMC* 750 prints • Full-color with resin black, YMCK*, 500 prints • Full-color with two resin black panels, YMCKK*, 500 prints	• Full-color with resin black and fluorescing panels, YMCKF*, 500 prints • Resin black, K*, 3000 prints
HDP Film Options:	• Clear (1,500 prints) • Standard Holographic (500 prints) • Contact HID regarding Custom Holographic Film options	
****Overlamine Options:	• Thermal Transfer Overlamine, .25 mil thick, 500 prints • PolyGuard® Overlamine, 1.0 mil and .6 mil thick, 250 prints (PolyGuard available in a CR-80 patch size) All overlaminates available in clear, standard holographic design or custom holographic design	
**Print Speed:	Batch Mode: • Up to 20 seconds per card / 178 cards per hour (YMC with transfer)* • Up to 27 seconds per card / 133 cards per hour (YMCK with transfer)* • Up to 33 seconds per card / 109 cards per hour (YMCKK with transfer)* • Up to 33 seconds per card / 109 cards per hour (YMCK with transfer and dual-sided, simultaneous lamination)* • Up to 44 seconds per card / 82 cards per hour (YMCKK with transfer and dual-sided, simultaneous lamination)*	
Security Features	Resin scramble data protection, password protection, TLS encryption, fluorescent panel (UV) printing	
Accepted Standard Card Sizes:	CR-80 (3.375"L x 2.125"W / 85.6mmL x 54mmW)	
Print Area:	Over-the-edge on CR-80 cards	
Accepted Card Thickness:	• Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm • Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm	
Accepted Card Types:	ABS, Laminated PVC, PET, PETG, proximity, smart and mag stripe cards Note: ABS and PVC cards are not recommended for use in the HDP5000e Lamination Module.***	
Input Card Cartridge Capacity:	100 cards (.030" / .762mm) – Optional dual input hopper or 200-card input hopper available for a total input capacity of 200 cards	
Output Hopper Card Capacity:	200 cards (.030" / .762mm)	
Card Cleaning:	Replaceable cleaning roller (included with each print ribbon)	
Memory	1 GB RAM	
Display:	Graphical OLED	
Software Drivers:	Windows® 10 / 11 / Server 2016 / Server 2019 / Server 2022	
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 / DESFire) • ISO 7816 Contact Smart Card Encoder • Prox Card Reader (HID read-only)	
Supported Access Control Credential Programming	iCLASS® Standard / SE / SR / Seos, MIFARE Classic®, MIFARE / DESFire® EV1 / EV2, HID Prox (Also see the Card Encoding Modules for FARGO Card Printers Datasheet for additional information)	
Interface:	USB 2.0 (high speed) and Ethernet with internal print server	
Operating Temperature:	65° to 90° F / 18° to 32° C	
Humidity:	20 - 80% non-condensing	
Dimensions:	• HDP5000e: 12"H x 16.5"W x 11"D / 30.5cmH x 41.9cmW x 27.9cmD • HDP5000e + Dual-Sided Module: 12"H x 22"W x 11"D / 30.5cmH x 55.9cmW x 27.9cmD • HDP5000e + Single-Sided Lam Module: 12.75"H x 25"W x 11"D / 32.4cmH x 63.5cmW x 27.9cmD • HDP5000e + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 11"D / 32.4cmH x 76.2cmW x 27.9cmD • Lam Module: 12.75"H x 12.25"W x 11"D / 32.4cmH x 31.1cmW x 27.9cmD	
Weight:	• HDP5000e: 18.7 lbs. / 8.5 kg • HDP5000e + Dual-Sided Module: 28.6 lbs. / 13 kg • HDP5000e + Single-Sided Lam Module: 31.7 lbs. / 14.4 kg • HDP5000e + Dual-Sided Module + Dual-Sided Lam Module: 39.6 lbs. / 18 kg	
Certifications:	UL, CE, FCC, IC, IFTL, KC, VCCI, MIC, NCC, WPC, BIS, ENACOM	
Supply Voltage:	100-240 VAC, 1.6A	
Supply Frequency:	50 Hz / 60 Hz	
Warranty:	• 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	
FARGO Secure Materials:	FARGO Card Printer/Encoders require highly specialized media to function properly. To maximize printed card quality and durability, printhead life and printer/encoder reliability, use only HID Secure Materials. HID warranties are void, where not prohibited by law, when non-HID Secure Materials are used.	
Options:	• Single-wire Ethernet for inline printing and encoding (Note: single-wire Ethernet encoding is available with a third-party license) • Dual input card hopper module • Card lamination module – single-sided or dual-sided (simultaneous) • Magnetic stripe encoding • 200-card input hopper • Smart card encoding (contact/contactless) • Dual-sided printing • Printer cleaning kit • Secure proprietary consumables system • Custom secure holographic HDP Film and overlamine	
Software:	Diagnostic utility with Color Assist spot-color matching included with driver	

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

** 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.

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SPECIFICATIONS SHEET