FARGO® DTC5500LMX

Direct-to-card printer and laminator

The DTC5500LMX all-in-one Direct-to-Card (DTC®) printing and lamination solution delivers on the promise of reliable, high-volume production at an ultra-low cost-per-card. This enables cost-conscious organizations to routinely issue secure, durable cards in high volumes without sacrificing quality.

Designed to meet the needs of medium and large corporations, universities, and government and healthcare facilities, the DTC5500LMX includes dual card hoppers and supports high-capacity, full-color ribbon and laminate consumables — reducing costs while maximizing productivity. The solution also utilizes an innovative wasteless lamination technology that not only supports your organization's green initiatives but can help cut high-volume laminate materials costs by up to 40 percent.

With dual-sided, two-material lamination standard on every unit, there is no need to purchase a separate lamination module. This convenient, built-in feature affords the option to apply a single laminate material to both sides of your card or use alternate materials for the front and back of your cards — and all without additional hardware investment.

The DTC5500LMX features HID Global's patent-pending iON™ technology, delivering the shortest and fastest pre-heat cycle in the industry. In addition, the solution can reach optimal operating temperature in just 45 seconds, minimizing critical downtime on large volume projects.

Utilizing HID Global's new wasteless PolyGuard™ LMX overlaminates, the DTC5500LMX extends card life by providing the highest level of card coverage protection in the industry. From creating photo IDs and government credentials, to gift and loyalty cards, the DTC5500LMX's patch placement consistency and radial laminate corners ensure sharp, professional-looking cards every time.

Stylish, yet dependable and robust under the most challenging printing conditions, the easy-to-operate DTC5500LMX sets a new standard in quality, cost-saving, high-volume card printing/encoding and lamination.

KEY BENEFITS:

- Reliable, high-volume performance – Built for organizations requiring robust, high-volume printing and laminating every day, enabling users to print and manage large volumes of multiple card types at one time
- Low-cost, wasteless lamination – Innovative lamination technology allows for up to 40 percent consumables costs, reducing total cost of ownership
- Fastest lamination speed – Printer / laminator heats up and is ready to initiate lamination in just 45 seconds, saving users time on large lamination projects
- Rugged, robust, durable – All-in-one printing and laminating solution can withstand the harshest environments, providing the most card protection in the industry

OPTIONAL FEATURES:

- An iCLASS SE® encoder enables your printer to be compatible with the HID Global secure identity ecosystem
- Locking hoppers and consumable doors provide additional security

ديجيتال فاكتورز
digital factors

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

www.dfsme.ae

HID

FARGO® DTC5500LMX

ADDITIONAL PRODUCT FEATURES

- Password–protected printer operation and fluorescent panel printing
- Built-in Ethernet and USB connection for centralized or remote ID card issuance
- SmartScreen graphical status display
- FARGO® Workbench diagnostic utility for printer maintenance facilitation, including Color Assist spot-color matching
- Interoperable with Asure ID® card personalization software for badge design, database management and technology card encoding
- Works with EasyLobby® Secure Visitor Management Solutions

PolyGuard LMX wasteless overlaminates can reduce high volume laminate materials costs by as much as 40%.

ENCODING OPTIONS (Supported smart card and magnetic stripe technologies):

- 125kHz (HID PROX) reader
- 3.56 MHz (iCLASS® Standard/SE/SR/Seos®, MIFARE Classic® MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire® EV1/EV2, ISO 14443 A/B, ISO 15693) read/write encoder
- Contact smart card encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards
- ISO magnetic stripe encoding, dual high- and low-coercivity, tracks 1, 2, and 3

Print Method	Dye Sublimation / Resin thermal transfer
Resolution	300 dpi (11.8 dots/mm) continuous tone
Colors	Up to 16.7 million / 256 shades per pixel
Print Ribbon and Laminate Options	Wide array of ECO-friendly print ribbons from K to YMCKOKO. Laminate patch options from full card coverage and half panel polyester overlaminates to off-the-shelf and fully custom holographic overlaminates are all available from HID. Please see **hidglobal.com/dtc5500lmx** for a complete list of our most current offerings.
Print Speed**	6 seconds per card (K*); 16 seconds per card (YMCKO*); 24 seconds per card (YMCKOK*)
Accepted Standard Card Sizes	CR-80 (3.375″ L x 2.125″ W / 85.6 mm L x 54 mm W)
Print Area	CR-80 edge-to-edge (3.370″ L x 2.125″ W / 85.6 mm L x 54 mm W)
Accepted Card Thickness	Print / lamination: .030″(30 mil) - .040″ (40 mil) / .762 mm - 1.02 mm
Accepted Card Types	PVC, PET or Composite with polished PVC finish; monochrome resin required for 100% polyester cards; rewrite
Input Hopper Card Capacity	Dual-input card hopper (200 cards)
Output Hopper Card Capacity	Up to 100 cards (.030″ / .762 mm)
Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Memory	128 MB RAM
Software Drivers	Windows® 7, 8, 8.1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012
Interface	USB 2.0 and Ethernet with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3) Note: IPv6 only compatible with Windows 10
Operating Temperature	65° to 90° F / 18° to 32° C
Humidity	20–80% non-condensing
Dimensions	Printer + lam: 12.9″ H x 34.9″ W x 9.3″ D / 327.7 mm H x 866.5 mm W x 236.2 mm D
Weight	Printer + lam: 39 lbs / 17.7 kg
Agency Listings	Safety: UL 60950-2, CSA C22.2 (60950-07), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC
Supply Voltage	120-240Vac, 50-60Hz, 1.6 Amps max.
Supply Frequency	50 Hz / 60 Hz
Warranty	Printer – three years***; printhead - three years***, unlimited card passes with UltraCard™
Supported Access Control Credential Programming	iCLASS® Std/SE/SR/Seos, MIFARE Classic™, MIFARE DESFire® EV1, HID Prox
Options	USB 2.0 interface for inline printing and encoding; locking card input/output hopper and ribbon drawer; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system
Software	FARGO Workbench diagnostic utility with Color Assist spot-color matching
Display	User friendly, SmartScreen graphical display

* Indicates the ribbon type and the number of ribbon panels printed where Y=yellow, M=magenta, C=cyan, K=resin black, O=overlay
** 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 printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

HID
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

© 2022 HID Global Corporation/ASSA ABLOY AB. All rights reserved.
2022-04-12-si-fargo-dtc5500lmx-printer-ds-en PLT-02704
Part of ASSA ABLOY