

FARGO® DTC4500



DIRECT-TO-CARD PRINTER

- **High-volume performance** – Built for organizations requiring robust, high-volume printing every day. Standard features include high-capacity ribbon supplies and dual-input card hoppers that allow for maximum card input capacity and management of multiple card types
- **Maximum security** – Optional single- or dual-sided simultaneous lamination offers enhanced card security and durability
- **Highly versatile** – The modular design allows organizations to build upon their investment by adding field-upgradeable modules, such as dual-sided printing and technology card encoding
- **Earth friendly** – ENERGY STAR® certified for efficient energy consumption



The DTC4500 offers field-upgradeable options for migration to higher levels of security in the future:

- Optional card lamination for applying overlaminates to produce high-secure cards that resist forgery and increase card durability; and unique, dual-sided simultaneous lamination to save time with increased throughput.
- Dual-sided printing module provides more space for cardholder information and security features like duplicate photo and digital-signature.
- Technology encoding modules encode data for magnetic stripe, proximity, contact (factory upgrade) and/or contactless technology cards, such as iCLASS®, for access control or other applications.

The versatility of the DTC4500 is unsurpassed. Empowered by an extremely robust and highly-reliable print engine, this high-volume printer delivers speed, power and versatility rolled into one.

High-capacity ribbons enable the DTC4500 to print twice as many full-color cards as most printers before the ribbon has to be changed, providing continuous high-quality card printing and encoding.

The DTC4500 combines high security and convenience to easily print what you need, including:

- Built-in security with password-protected printer operation and fluorescent panel printing for a cost-effective and dynamic increase in card security.
- SmartScreen™ graphical display provides easy-to-follow prompts so you'll always know printer status.

- Standard dual-input card hopper for increased capacity or management of multiple card types.
- Easy integration into existing IT infrastructures through the built-in Ethernet and USB connection, allowing for centralized or remote ID card issuance.
- Industry's first inline card printing and technology card encoding with one connection using USB or Ethernet connectivity.
- Fully compatible with Asure ID® card personalization software for badge design, database management and technology card encoding.

The FARGO® DTC4500 is built with Genuine HID™ technology and is fully interoperable with other products in the HID ecosystem, enabling organizations to leverage their existing HID technology investments.

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 Options	<ul style="list-style-type: none"> ▪ Full-color with resin black and overlay panel, YMCKO*, 500 prints ▪ Full-color half-panel with resin black and overlay panel, YMCKO*, 850 prints ▪ Full-color with two resin black panels and overlay panel, YMCKOK*, 500 prints ▪ Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 500 prints ▪ Full-color with fluorescing, two resin black panels and overlay panel, YMCFKOK*, 400 prints ▪ Full-color with two resin black panels and overlay panel, YMCKK*, 500 prints ▪ Resin black and overlay panel, KO*, 1250 prints ▪ Dye-sublimation black and overlay panel, BO*, 1250 prints ▪ Resin black (standard and premium), 3000 prints ▪ Resin green, blue, red, white, silver and gold, 2000 prints ▪ Rewrite technology - no ribbon required
Print Speed**	7 seconds per card (K*); 12 seconds per card (KO*); 24 seconds per card (YMCKO*); 31 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); CR-79 Adhesive Back (3.313" L x 2.063" W / 84.1 mm L x 52.4 mm W)
Print Area	CR-80 edge-to-edge (3.36" L x 2.11" W / 85.3 mm L x 53.7 mm W); CR-79 (3.3" L x 2.04" W / 83.8 mm L x 51.8 mm W)
Accepted Card Thickness	Print Only: .009" - .040" / 9 mil - 40 mil / .229 mm - 1.016 mm; Print/Lamination: .030" - .040" / 30 mil - 40 mil / .762 mm - 1.02 mm
Accepted Card Types	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite
Input Hopper Card Capacity	Dual-Input Card Hopper (200 cards)
Output Hopper Card Capacity	Up to 100 cards (.030" / .762 mm)
Reject Hopper Card Capacity	Up to 100 cards (.030" / .762 mm) - same-side input/output card hopper or lamination module required
Card Cleaning	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
Memory	32 MB RAM
Software Drivers	Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003 & 2008 / Windows® 7 / MAC OS X 10.5/10.6 / Linux***
Interface	USB 2.0 and Ethernet with internal print server
Operating Temperature	65° to 80° F / 18° to 27° C
Humidity	20-80% non-condensing
Dimensions	Single-Sided Printer: 9.8" H x 18.1" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-Sided Printer: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D Printer + Lam: 18.9" H x 18.7" W x 9.2" D / 480 mm H x 475 mm W x 234 mm D
Weight	Single-Sided Printer: 9lbs / 4.1 Kg; Dual-Sided Printer: 11lbs / 5 Kg; Printer + Lam: 20 lbs / 9.1 Kg
Agency Listings	Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KCC
Environmental Features	All configurations without a lamination module are ENERGY STAR® qualified printers
Supply Voltage	100-240 VAC, 3.3 A
Supply Frequency	50 Hz / 60 Hz
Encoding Options	125 kHz (HID Prox) reader; 13.56 MHz (iCLASS®, MIFARE®, 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
Options	Single Wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single wire Ethernet encoding is only available for iCLASS® and contact smart card encoding); Dual-Sided Printing Module - Upgradeable; Same-Side Input/Output Card Hopper - Upgradeable; Contactless Smart Card Encoding - Upgradeable; Contact Smart Card Encoding - Factory Upgrade; Magnetic Stripe Encoding - Upgradeable; Printer Cleaning Kit; Single- or dual-sided simultaneous lamination - Upgradeable; Secure Proprietary Consumables System
Software	Swift ID™ Embedded Badging Application, FARGO Workbench Diagnosis Utility
Display	User friendly, SmartScreen™ graphical display
Printer Security	Printer access password protected