



### 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.
- Included FARGO Workbench diagnostic utility facilitates printer maintenance. Its Color Assist tool matches spot colors, ensuring accurate prints of graphics such as company logos.
- 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.

## SPECIFICATIONS

<b>Print Method</b>	Dye-Sublimation / Resin Thermal Transfer
<b>Resolution</b>	300 dpi (11.8 dots/mm) continuous tone
<b>Colors</b>	Up to 16.7 million / 256 shades per pixel
<b>Print Ribbon Options</b>	<ul style="list-style-type: none"> <li>▪ Full-color with resin black and overlay panel, YMCKO*, 500 prints</li> <li>▪ Full-color half-panel with resin black and overlay panel, YMCKO*, 850 prints</li> <li>▪ Full-color with two resin black panels and overlay panel, YMCKOK*, 500 prints</li> <li>▪ Full-color with fluorescing, resin black and overlay panel, YMCFKO*, 500 prints</li> <li>▪ Full-color with fluorescing, two resin black panels and overlay panel, YMCFKOK*, 400 prints</li> <li>▪ Full-color with two resin black panels and overlay panel, YMCKK*, 500 prints</li> <li>▪ Resin black and overlay panel, KO*, 1250 prints</li> <li>▪ Dye-sublimation black and overlay panel, BO*, 1250 prints</li> <li>▪ Resin black (standard and premium), 3000 prints</li> <li>▪ Resin green, blue, red, white, silver and gold, 2000 prints</li> <li>▪ Rewrite technology - no ribbon required</li> </ul>
<b>Print Speed**</b>	7 seconds per card (K*); 12 seconds per card (KO*); 24 seconds per card (YMCKO*); 31 seconds per card (YMCKOK*)
<b>Accepted Standard Card Sizes</b>	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)
<b>Print Area</b>	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)
<b>Accepted Card Thickness</b>	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
<b>Accepted Card Types</b>	PVC or polyester cards with polished PVC finish; monochrome resin required for 100% polyester cards; optical memory cards with PVC finish; rewrite
<b>Input Hopper Card Capacity</b>	Dual-Input Card Hopper (200 cards)
<b>Output Hopper Card Capacity</b>	Up to 100 cards (.030" / .762 mm)
<b>Reject Hopper Card Capacity</b>	Up to 100 cards (.030" / .762 mm) - same-side input/output card hopper or lamination module required
<b>Card Cleaning</b>	Card cleaning roller integrated into ribbon cartridge; cleaning roller is automatically replaced with each ribbon change
<b>Memory</b>	32 MB RAM
<b>Software Drivers</b>	Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003 & 2008 / Windows® 7 / MAC OS X 10.5/10.6 / Linux***
<b>Interface</b>	USB 2.0 and Ethernet with internal print server
<b>Operating Temperature</b>	65° to 80° F / 18° to 27° C
<b>Humidity</b>	20-80% non-condensing
<b>Dimensions</b>	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
<b>Weight</b>	Single-Sided Printer: 9lbs / 4.1 Kg; Dual-Sided Printer: 11lbs / 5 Kg; Printer + Lam: 20 lbs / 9.1 Kg
<b>Agency Listings</b>	Safety: UL 60950-1, CSA C22.2 (60950-1), and CE; EMC: FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, BSMI, KC
<b>Environmental Features</b>	All configurations without a lamination module are ENERGY STAR® qualified printers
<b>Supply Voltage</b>	100-240Vac, 50-60Hz, 1.6 Amps max.
<b>Supply Frequency</b>	50 Hz / 60 Hz
<b>Warranty</b>	Printer - Two years; Printhead - Two years, unlimited pass with UltraCard™
<b>Encoding Options</b>	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
<b>Options</b>	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
<b>Software</b>	Swift ID™ Embedded Badging Application, FARGO Workbench Diagnostic Utility with Color Assist spot-color matching
<b>Display</b>	User friendly, SmartScreen™ graphical display
<b>Printer Security</b>	Printer access password protected



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