

# FARGO® DTC1000



## DIRECT-TO-CARD PRINTER

- **High-quality output** – Simple, reliable and affordable photo ID card personalization, delivering a new level of durable, great-looking credentials
- **Simple plug-and-play** – The intuitive user-focused design allows for easy setup, loading and operation for increased efficiency
- **Convenient and affordable** – Create ID cards right out of the box with plug-and-play Swift ID™ embedded badging application

### Take advantage of the built-in and optional features that suit your business:

- Gain more space for company or cardholder information with dual-sided printing module.
- Enable distributed card issuance in seconds with an optional internal server for secure printing over a network.
- Migrate to contact and contactless smart card technology (including iCLASS®) or simple mag stripe and prox with optional technology card encoders.
- Eco-friendly erase and rewrite feature is ideal for temporary ID cards, such as visitor badges.
- Print on a variety of card thicknesses to create simple loyalty cards as thin as 9 mil or access control badges as thick as 40 mil.

Designed for small to medium businesses, the DTC1000 provides maximum efficiency in a sleek user-friendly design. This printer is virtually maintenance-free and prints full-color plastic ID and technology cards on a budget.

### The DTC1000 adds a level of convenience to easily print what you need, including:

- Easy, all-in-one print ribbon and card cleaning cartridge simplifies the ribbon loading process.
- Built-in Swift ID™ badging application enables you to create ID badges in seconds without having to install any additional software.
- Edge-to-edge printing in full-color or simple black and white.

- Economical half-panel ribbons personalize pre-printed cards with a photo and bar code.
- Intuitive design provides instant system status through color-changing buttons.
- Industry's first inline card printing and technology card encoding with one connection using USB or optional Ethernet connectivity.
- Included FARGO® Workbench diagnostic utility facilitates printer maintenance. Its Color Assist tool matches spot colors, ensuring accurate prints of graphics such as company logos.

The FARGO® DTC1000 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*, 250 prints</li> <li>Full-color half-panel with resin black and overlay panel, YMCKO*, 350 prints</li> <li>Full-color with two resin black panels and overlay panel, YMCKOK*, 200 prints</li> <li>Resin black and overlay panel, KO*, 500 prints</li> <li>Dye-sublimation black and overlay panel, BO*, 500 prints</li> <li>Resin black (standard and premium), 1000 prints</li> <li>Resin green, blue, red, white, silver and gold, 1000 prints</li> <li>Rewrite technology - No ribbon is 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 / 85.6mmL x 54mmW); 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>	.009" - .040" / 9 mil - 40 mil / .229mm - 1.016mm
<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>	100 cards (.030" / .762 mm)
<b>Output Hopper Card Capacity</b>	Up to 30 cards (.030" / .762 mm)
<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, optional 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: 8.8"H x 13.7"W x 7.9"D / 224 mm H x 348 mm W x 201 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
<b>Weight</b>	Single-Sided: 7.5 lbs / 3.4 Kg; Dual-Sided: 10 lbs / 4.54 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>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; Smart Card Encoding Modules(contact/contactless); Magnetic Stripe Encoding Module; Printer Cleaning Kit; Ethernet with Internal Print Server; 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>	Color changing status buttons

\* Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan, K=Resin Black, O=Overlay, B=Dye Sublimation Black.

\*\* 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.

\*\*\*Linux versions: Ubuntu 8.04/9.04, Red Hat 5, Fedora 7/8/9/10/11, Open Suse 10.3, Debian 5.03/5.04, Mandriva one 2009



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