

Direct-to-Card (DTC®) Professional Series Printers/Encoders



	DTC4500e	DTC4250e
Starting MSRP	\$3,199	\$2,899
Sided Printing	Single or dual	Single or dual
Print Method	Dye sublimation / resin thermal transfer	Dye sublimation / resin thermal transfer
Resolution	300 dpi	300 dpi
Print Speed	225 cards per hour (YMCKO)	225 cards per hour (YMCKO)
Accepted Card Sizes	CR-80 CR-79 adhesive back	CR-80 CR-79 adhesive back
Accepted Card Thickness	Print only: .009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm Print/lamination: .030" (30 mil) to .040" (40 mil) / .762 mm to 1.02 mm	.009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm
Software Drivers	Windows® XP/Windows Vista® (32 bit & 64 bit)/Server 2003 & 2008/Windows® 7/Windows® 8 MAC OS X 10.5 - 10.8/Linux	Windows® XP/Windows Vista® (32 bit & 64 bit)/Server 2003 & 2008/Windows® 7/Windows® 8 MAC OS X 10.5 - 10.8/Linux
Size	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	Single-sided printer: 9.8" H x 17.6" W x 9.2" D / 249 mm H x 460 mm W x 234 mm D Dual-sided printer: 9.8" H x 18.2" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D
Weight	Single-sided printer: 9 lbs / 4.1 Kg Dual-sided printer: 11 lbs / 5 Kg Printer + lam: 20 lbs / 9.1 Kg	Single-sided: 8 lbs / 3.63 kg Dual-sided: 10 lbs / 4.54 Kg
Interface	USB 2.0 (high-speed); Ethernet with internal print server	USB 2.0 (high-speed); Ethernet with internal print server
Color Capability	Full color/monochrome	Full color/monochrome
Input Hopper	200 cards	100 cards
Dual Hopper Capability	Yes	Yes (optional)
Output Hopper	100 cards	100 cards
Encoding Options	ISO magnetic stripe encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 smart card encoding: 125 kHz (HID® Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire® EV1, 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 -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
Lamination Available	Yes	No
Card Volume	High	Medium to High
Warranty	Printer: three year One year On-Call Express™ (loaner printer, U.S. only)	Printer: three year One year On-Call Express™ (loaner printer, U.S. only)
Software Options	Asure ID® Swift ID® (entry-level badging application included with printer)	Asure ID® Swift ID® (entry-level badging application included with printer)
Additional Features	Single-wire Ethernet and USB 2.0 interface for inline printing and encoding Ethernet with internal print server SmartScreen™ graphical display Dual-input card hopper (200 cards) FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module) Swift ID® free badging application AES-256 data decryption capability	Single-wire Ethernet and USB 2.0 interface for printing and encoding SmartScreen™ graphical display FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module) Swift ID® free badging application AES-256 data decryption capability
Options	Same-side input/output card hopper - upgradable Card lamination module, single-sided or dual-sided (simultaneous) - upgradable Contactless smart card encoding - upgradable Contact smart card encoding - upgradable Magnetic stripe encoding - upgradable Wireless connectivity - upgradable on Ethernet-enabled printers Locking input/output hoppers - upgradable Printer cleaning kit	Dual-sided printing module - upgradable Dual-input card hopper (200 cards) - upgradable Same-side input/output card hopper - upgradable Contactless smart card encoding - upgradable Contact smart card encoding - upgradable Magnetic stripe encoding - upgradable Wireless connectivity - upgradable on Ethernet-enabled printers Printer cleaning kit
Prints Rewritable and 10-Mil Cards	Yes	Yes
Fluorescent Panel Ribbon (UV Printing)	Yes	Yes
EZ Disposable Cartridge/ECO Refillable Ribbon	Refillable ribbon only (ECO)	Yes - disposable cartridge (EZ)
Password Protect	Yes	Yes
ENERGY STAR® Qualified Products	Non-lamination units only	Yes

Direct-to-Card (DTC®) Value Series Printers/Encoders



	DTC1250e	C50	DTC1000Me
Starting MSRP	\$2,099	\$1,799	\$1,599
Sided Printing	Single or dual	Single	Single
Print Method	Dye sublimation / resin thermal transfer	Dye sublimation / resin thermal transfer	Resin thermal transfer
Resolution	300 dpi	300 dpi	300 dpi
Print Speed	225 cards per hour (YMCKO)	150 cards per hour (YMCKO)	600 cards per hour (KO)
Accepted Card Sizes	CR-80 CR-79 adhesive back	CR-80 CR-79 adhesive back	CR-80 CR-79 adhesive back
Accepted Card Thickness	.009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm	.009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm	.009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm
Software Drivers	Windows® XP/Windows Vista® (32 bit & 64 bit)/Server 2003 & 2008/Windows® 7/Windows® 8/ MAC OS X 10.5 - 10.8/Linux	Windows® XP/Windows Vista® (32 bit & 64 bit)/Server 2003 & 2008/Windows® 7/Windows® 8/ MAC OS X 10.5 - 10.8/Linux	Windows® XP/Windows Vista® (32 bit & 64 bit)/Server 2003 & 2008/Windows® 7/Windows® 8 MAC OS X 10.5 - 10.8/Linux
Size	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	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	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
Weight	Single-sided: 7.5 lbs / 3.4 Kg Dual-sided: 10 lbs / 4.54 Kg	Single-sided: 7.5 lbs / 3.4 Kg	Single-sided: 7.5 lbs / 3.4 Kg
Interface	USB 2.0 (high-speed); optional Ethernet with internal print server	USB 2.0 (high-speed)	USB 2.0 (high-speed); optional Ethernet with internal print server
Color Capability	Full color/monochrome	Full color/monochrome	Monochrome
Input Hopper	100 cards	50 cards	100 cards
Dual Hopper Capability	No	No	No
Output Hopper	30 cards	30 cards	30 cards
Encoding Options	ISO magnetic stripe encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 smart card encoding: 125 kHz (HID Prox) reader; 13.56 MHz (iCLASS® Standard/SE/SR, MIFARE Classic®, MIFARE Plus®, MIFARE DESFire®, MIFARE DESFire® EV1, 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	No encoding	ISO magnetic stripe encoding, dual high- and low-coercivity, Tracks 1, 2, and 3
Lamination Available	No	No	No
Card Volume	Low to medium	Low	Low to medium
Warranty	Printer: three years Printhead: three years, unlimited pass with UltraCard® cards	Printer: two years Printhead: two years, unlimited pass with UltraCard® cards	Printer: three years Printhead: three years, unlimited pass with UltraCard® cards
Software Options	Asure ID® and EasyLobby® Secure visitor management software Swift ID® (entry-level badging application included with printer)	Asure ID® and EasyLobby® Visitor management software Swift ID® (entry-level badging application included with printer) FARGO Workbench™ printer diagnostic utility software (no spot color matching)	Asure ID® Swift ID® (entry-level badging application included with printer)
Additional Features	Single-wire Ethernet and USB 2.0 interface for inline printing and encoding FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module) Swift ID® free badging application AES-256 data decryption capability	FARGO Workbench™ printer diagnostic utility software (without Color Assist™ module) Swift ID® free badging applications	FARGO Workbench™ printer diagnostic utility software Swift ID® free badging application AES-256 data decryption capability
Options	Dual-sided printing - factory upgrade Smart card encoding (contact/contactless) - factory upgrade Magnetic stripe encoding - upgradable Ethernet with internal print server - factory upgrade Wireless connectivity - upgradable on Ethernet-enabled printers Printer cleaning kit	Printer cleaning kit	Magnetic stripe encoding - upgradable Ethernet with internal print server - factory upgrade Wireless connectivity - upgradable on Ethernet-enabled printers Printer cleaning kit
Prints Rewritable and 10-Mil Cards	Yes	Yes	Yes
Fluorescent Panel Ribbon (UV Printing)	No	No	No
EZ Disposable Cartridge/ ECO Refillable Ribbon	EZ disposable cartridge and ECO refillable ribbon (Single-sided color and black resin only)	EZ disposable cartridge and ECO refillable ribbon (color and black resin only)	EZ disposable cartridges and ECO refillable ribbon (standard black resin only)
Password Protect	No	No	No
ENERGY STAR® Qualified Products	Yes	Yes	Yes