

# Direct-to-Card (DTC®) Printers/Encoders



|                                                      | <b>Professional Select</b><br><b>DTC5500LMX</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Professional</b><br><b>DTC4500e</b>                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Professional</b><br><b>DTC4250e</b>                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Starting MSRP</b>                                 | \$6,499                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$3,199                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,899                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Sided Printing</b>                                | Single or dual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Single or dual                                                                                                                                                                                                                                                                                                                                                                                                                             | Single or dual                                                                                                                                                                                                                                                                                                                                                                |
| <b>Print Method</b>                                  | Dye sublimation / resin thermal transfer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dye sublimation / resin thermal transfer                                                                                                                                                                                                                                                                                                                                                                                                   | Dye sublimation / resin thermal transfer                                                                                                                                                                                                                                                                                                                                      |
| <b>Resolution</b>                                    | 300 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 300 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300 dpi                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Print Speed</b>                                   | 225 cards per hour (YMCKO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 225 cards per hour (YMCKO)                                                                                                                                                                                                                                                                                                                                                                                                                 | 225 cards per hour (YMCKO)                                                                                                                                                                                                                                                                                                                                                    |
| <b>Accepted Card Sizes</b>                           | CR-80<br>CR-79 adhesive back                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CR-80<br>CR-79 adhesive back                                                                                                                                                                                                                                                                                                                                                                                                               | CR-80<br>CR-79 adhesive back                                                                                                                                                                                                                                                                                                                                                  |
| <b>Accepted Card Thickness</b>                       | Print/lamination: .030 (30 mil) to .040 (40 mil) / .762 mm to 1.02 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Print only: .009" (9 mil) to .040" (40 mil) / .229 mm to 1.02 mm<br>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                                                                                                                                                                                                                                                                                                                          |
| <b>Software Drivers</b>                              | Windows® 7, 8, 8.1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003, 2008, 2012 / Windows® 7, 8 & 10 (32 & 64 bit),<br>MAC OS X 10.5/10.6/10.7/10.8/10.9/10.10 / Linux*                                                                                                                                                                                                                                                                                   | Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003, 2008, 2012 / Windows® 7, 8 & 10 (32 & 64 bit) /<br>MAC OS X 10.5/10.6/10.7/10.8/10.9/10.10 / Linux*                                                                                                                                                                                                                     |
| <b>Size</b>                                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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<br>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<br>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<br>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                                                                                                                                                                                                            |
| <b>Weight</b>                                        | Printer + lam: 39 lbs / 17.7 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Single-sided printer: 9 lbs / 4.1 Kg<br>Dual-sided printer: 11 lbs / 5 Kg<br>Printer + lam: 20 lbs / 9.1 Kg                                                                                                                                                                                                                                                                                                                                | Single-sided: 8 lbs / 3.63 kg<br>Dual-sided: 10 lbs / 4.54 Kg                                                                                                                                                                                                                                                                                                                 |
| <b>Interface</b>                                     | USB 2.0 (high-speed) and Ethernet with internal print server                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USB 2.0 (high-speed); Ethernet with internal print server                                                                                                                                                                                                                                                                                                                                                                                  | USB 2.0 (high-speed); Ethernet with internal print server                                                                                                                                                                                                                                                                                                                     |
| <b>Color Capability</b>                              | Full color/monochrome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Full color/monochrome                                                                                                                                                                                                                                                                                                                                                                                                                      | Full color/monochrome                                                                                                                                                                                                                                                                                                                                                         |
| <b>Input Hopper</b>                                  | 200 cards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200 cards                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100 cards                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Dual Hopper Capability</b>                        | Yes (standard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes (standard)                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes (optional)                                                                                                                                                                                                                                                                                                                                                                |
| <b>Output Hopper</b>                                 | 100 cards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100 cards                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100 cards                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Encoding Options (HID Encoders)</b>               | 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®, 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 ISO 7816 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 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 ISO 7816 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 ISO 7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards                                  |
| <b>Lamination Available</b>                          | Yes (standard)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes (optional)                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Card Volume</b>                                   | High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | High                                                                                                                                                                                                                                                                                                                                                                                                                                       | Medium to High                                                                                                                                                                                                                                                                                                                                                                |
| <b>Warranty</b>                                      | Printer - three years; Printhead - three years, unlimited pass with UltraCard®<br>One year On-Call Express™ (loaner printer, U.S. only)                                                                                                                                                                                                                                                                                                                                                                                                                                   | Printer: three year<br>One year On-Call Express™ (loaner printer, U.S. only)                                                                                                                                                                                                                                                                                                                                                               | Printer: three year<br>One year On-Call Express™ (loaner printer, U.S. only)                                                                                                                                                                                                                                                                                                  |
| <b>Software Options</b>                              | Asure ID®                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Asure ID®<br>Swift ID® (entry-level badging application included with printer)                                                                                                                                                                                                                                                                                                                                                             | Asure ID®<br>Swift ID® (entry-level badging application included with printer)                                                                                                                                                                                                                                                                                                |
| <b>Additional Features</b>                           | ION™ lamination hardware pre-heat technology<br>LMX wasteless lamination<br>Ethernet with internal print server<br>SmartScreen™ graphical display<br>Dual-input card hopper (200 cards)<br>FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module)<br>AES-256 data encryption capability                                                                                                                                                                                                                                                         | Single-wire Ethernet and USB 2.0 interface for inline printing and encoding<br>Ethernet with internal print server<br>SmartScreen™ graphical display<br>Dual-input card hopper (200 cards)<br>FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module)<br>Swift ID® free badging application<br>AES-256 data decryption capability                                                                                 | Single-wire Ethernet and USB 2.0 interface for printing and encoding<br>SmartScreen™ graphical display<br>FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module)<br>Swift ID® free badging application<br>AES-256 data decryption capability                                                                                                        |
| <b>Options</b>                                       | Two-material card lamination<br>Single-wire Ethernet and USB 2.0 interface for inline printing and encoding (note: single-wire Ethernet encoding is only available for iCLASS®, MIFARE®, and contact smart card encoding)<br>Contactless smart card encoding - upgradable<br>Contact smart card encoding - upgradable<br>Magnetic stripe encoding - upgradable<br>Wireless connectivity WiFi module - upgradable<br>Locking card input/output hoppers and ribbon drawer<br>Secure proprietary consumables system<br>Andon production status light<br>Printer cleaning kit | Same-side input/output card hopper - upgradable<br>Card lamination module: single-sided or dual-sided (simultaneous) - upgradable<br>Contactless smart card encoding - upgradable<br>Contact smart card encoding - upgradable<br>Magnetic stripe encoding - upgradable<br>Wireless connectivity - upgradable on Ethernet-enabled printers<br>Locking input/output hoppers - upgradable<br>Printer cleaning kit                             | Dual-sided printing module - upgradable<br>Dual-input card hopper (200 cards) - upgradable<br>Same-side input/output card hopper - upgradable<br>Contactless smart card encoding - upgradable<br>Contact smart card encoding - upgradable<br>Magnetic stripe encoding - upgradable<br>Wireless connectivity - upgradable on Ethernet-enabled printers<br>Printer cleaning kit |
| <b>Prints Rewritable and 10-Mil Cards</b>            | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Fluorescent Panel Ribbon (UV Printing)</b>        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| <b>EZ Disposable Cartridge/ECO Refillable Ribbon</b> | Refillable ribbon only (ECO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Refillable ribbon only (ECO)                                                                                                                                                                                                                                                                                                                                                                                                               | Yes - disposable cartridge (EZ)                                                                                                                                                                                                                                                                                                                                               |
| <b>Password Protect</b>                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| <b>GreenCircle® Certified</b>                        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                           |

\*Call for Linux OS Availability



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# Direct-to-Card (DTC®) Printers/Encoders



|                                                      | Professional Select<br>DTC1500                                                                                                                                                                                                                                                                                                                                                                                                                                         | Standard<br>DTC1250e                                                                                                                                                                                                                                                                                                                                                                                                                          | Value<br>C50                                                                                                                                                                                               |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Starting MSRP</b>                                 | \$2,299                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$2,099                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$1,799                                                                                                                                                                                                    |
| <b>Sided Printing</b>                                | Single or dual                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Single or dual                                                                                                                                                                                                                                                                                                                                                                                                                                | Single                                                                                                                                                                                                     |
| <b>Print Method</b>                                  | Dye sublimation / resin thermal transfer                                                                                                                                                                                                                                                                                                                                                                                                                               | Dye sublimation / resin thermal transfer                                                                                                                                                                                                                                                                                                                                                                                                      | Dye sublimation / resin thermal transfer                                                                                                                                                                   |
| <b>Resolution</b>                                    | 300 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 300 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                       | 300 dpi                                                                                                                                                                                                    |
| <b>Print Speed</b>                                   | 225 cards per hour (YMCKO)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 225 cards per hour (YMCKO)                                                                                                                                                                                                                                                                                                                                                                                                                    | 150 cards per hour (YMCKO)                                                                                                                                                                                 |
| <b>Accepted Card Sizes</b>                           | CR-80<br>CR-79 adhesive back                                                                                                                                                                                                                                                                                                                                                                                                                                           | CR-80<br>CR-79 adhesive back                                                                                                                                                                                                                                                                                                                                                                                                                  | CR-80<br>CR-79 adhesive back                                                                                                                                                                               |
| <b>Accepted Card Thickness</b>                       | .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                                                                                                                                                       |
| <b>Software Drivers</b>                              | Windows® 7, 8, 8.1 and 10 (32 bit & 64 bit) / Windows Server 2003, 2008, 2012                                                                                                                                                                                                                                                                                                                                                                                          | Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003, 2008, 2012 / Windows® 7, 8 & 10 (32 & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8/10.9/10.10 / Linux*                                                                                                                                                                                                                                                                                        | Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003, 2008, 2012 / Windows® 7, 8 & 10 (32 & 64 bit) / MAC OS X 10.5/10.6/10.7/10.8/10.9/10.10 / Linux*                                                     |
| <b>Size</b>                                          | Printer only: 9.8" H x 18.7" W x 9.2" D / 249 mm H x 475 mm W x 234 mm D<br>Printer/lamination: 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: 8.8" H x 13.7" W x 7.9" D / 224 mm H x 348 mm W x 201 mm D<br>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                                                                                                                           |
| <b>Weight</b>                                        | Dual-sided printer: 11 lbs / 5 Kg<br>Printer + lam: 20 lbs / 9.1 Kg                                                                                                                                                                                                                                                                                                                                                                                                    | Single-sided: 7.5 lbs / 3.4 Kg<br>Dual-sided: 10 lbs / 4.54 Kg                                                                                                                                                                                                                                                                                                                                                                                | Single-sided: 7.5 lbs / 3.4 Kg                                                                                                                                                                             |
| <b>Interface</b>                                     | USB 2.0, Standard Ethernet with internal print server<br>(Note: Ethernet optional on BIS-Certified Units)                                                                                                                                                                                                                                                                                                                                                              | USB 2.0 (high-speed); optional Ethernet with internal print server                                                                                                                                                                                                                                                                                                                                                                            | USB 2.0 (high-speed)                                                                                                                                                                                       |
| <b>Color Capability</b>                              | Full color/monochrome                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Full color/monochrome                                                                                                                                                                                                                                                                                                                                                                                                                         | Full color/monochrome                                                                                                                                                                                      |
| <b>Input Hopper</b>                                  | 100 cards                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100 cards                                                                                                                                                                                                                                                                                                                                                                                                                                     | 50 cards                                                                                                                                                                                                   |
| <b>Dual Hopper Capability</b>                        | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                                                                                                                         |
| <b>Output Hopper</b>                                 | Up to 100 cards (.030" / .762 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30 cards                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30 cards                                                                                                                                                                                                   |
| <b>Encoding Options (HID Encoders)</b>               | ISO magnetic stripe encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 smart card encoding;<br>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 smart card encoding;<br>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                                                                                                                                                                                                |
| <b>Lamination Available</b>                          | Yes (optional)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                                                                                                                         |
| <b>Card Volume</b>                                   | Medium to high                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Low to medium                                                                                                                                                                                                                                                                                                                                                                                                                                 | Low                                                                                                                                                                                                        |
| <b>Warranty</b>                                      | Printer: three years<br>Printhead: three years, unlimited pass with UltraCard® cards                                                                                                                                                                                                                                                                                                                                                                                   | Printer: three years<br>Printhead: three years, unlimited pass with UltraCard® cards                                                                                                                                                                                                                                                                                                                                                          | Printer: two years<br>Printhead: two years, unlimited pass with UltraCard® cards                                                                                                                           |
| <b>Software Options</b>                              | Asure ID®<br>Swift ID® (entry-level badging application included with printer)                                                                                                                                                                                                                                                                                                                                                                                         | Asure ID®<br>Swift ID® (entry-level badging application included with printer)                                                                                                                                                                                                                                                                                                                                                                | Asure ID® and EasyLobby® Visitor management software<br>Swift ID® (entry-level badging application included with printer)<br>FARGO Workbench™ printer diagnostic utility software (no spot color matching) |
| <b>Additional Features</b>                           | Single-wire Ethernet and USB 2.0 interface for inline printing and encoding<br>FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module)<br>Swift ID® free badging application<br>AES-256 data decryption capability                                                                                                                                                                                                                            | Single-wire Ethernet and USB 2.0 interface for inline printing and encoding<br>FARGO Workbench™ printer diagnostic utility software (with Color Assist™ module)<br>Swift ID® free badging application<br>AES-256 data decryption capability                                                                                                                                                                                                   | FARGO Workbench™ printer diagnostic utility software (without Color Assist™ module)<br>Swift ID® free badging applications                                                                                 |
| <b>Options</b>                                       | Single wire Ethernet and USB 2.0 interface for inline printing and encoding are only optional on BIS-Certified Units (note: single wire Ethernet encoding is only available for iCLASS®, MIFARE®, and contact smart card encoding) - Ethernet-enabled printer supports wireless accessory; dual-sided printing module; smart card encoding modules (contact/contactless); magnetic stripe encoding module; printer cleaning kit; secure proprietary consumables system | Dual-sided printing - factory upgrade<br>Smart card encoding (contact/contactless) - factory upgrade<br>Magnetic stripe encoding - upgradable<br>Ethernet with internal print server - factory upgrade<br>Wireless connectivity - upgradable on Ethernet-enabled printers<br>Printer cleaning kit                                                                                                                                             | Printer cleaning kit                                                                                                                                                                                       |
| <b>Prints Rewritable and 10-Mil Cards</b>            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                        |
| <b>Fluorescent Panel Ribbon (UV Printing)</b>        | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                                                                                                                         |
| <b>EZ Disposable Cartridge/ECO Refillable Ribbon</b> | Refillable ribbon only (ECO)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 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)                                                                                                                             |
| <b>Password Protect</b>                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                                                                                                                         |
| <b>GreenCircle® Certified</b>                        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                        |

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