P520

P Series Card Printers

Dual-Sided Color Card Printer with Built-in Laminator Provides Fast, Easy Production of Long-life Plastic Cards

The P520 is a robust, high-speed card printer designed to quickly produce ISO flat cards for high durability and secure applications. The P520 features an all metal enclosure that houses a fast, field-proven print engine, and heavy-duty fourth generation Lx4 card laminator performance tuned for the P520 print engine. The P520 is ideal for producing:

- Secure Facility Access Control and Auto-ID cards
- Law Enforcement & Correction Facility ID cards
- Driver's Licenses and Government ID cards
- Student Identification and Time & Attendance cards

Laminating considerably increases card life and durability. Lamination can prolong card life by 2 to 5 additional years when compared to non-laminated cards under similar conditions.

The P520 printer/laminator is ultra-quiet and fast, printing and lamination up to 125 cards per hour. It is designed to print and laminate both sides of a card for dual-sided applications.

A user-friendly LCD display indicates unit status, settings and maintenance functions. Control buttons allow quick, easy access to menu options. The card feeder cover can be opened during operation to reload cards for continuous production.

Other advanced features include automatic ribbon and laminate synchronization, an in-line cleaning cartridge, optional magnetic encoding and/or Smart Card contact stations, a reject hopper for cards that fail encoding, and both Centronics and USB interfaces. Windows" drivers, compatible with Windows NT, 95/98, 2000, provide convenient plug and play operation.

All Eltron card printers are manufactured to ISO 9001 standards and available from authorized distributors and value-added resellers in over 90 countries worldwide.

Dual-sided monochrome and full-color card printing and laminating

Print speeds:	125 cards/hour (YMC with 1.mil lamination)
	110 cards/hour (YMCK with 1.mil lamination)
	95 cards/hour (YMCK/K with 1 mil lamination)
Resolution:	300 dpi (12 dots/mm)
Print method:	Dye sublimation Thermal transfer

Eltron®
Card Printer Products

P520 Specifications

General Specifications
- High speed printer with built-in laminator
  - YMC w/1.0 mil lamination 125 cards/hour
  - YMCK w/1.0 mil lamination 110 cards/hour
  - YMCK-K w/1.0 mil lamination 95 cards/hour
- Dual process system (while one card prints second card is laminated)
- Dual sided printing with flip over capability
- Dual sided lamination capability
- Card cooling system produces true ISO flatness of laminated cards
- Enclosed 100 (30mil) card capacity card feeder that can be opened during operation for continuos throughput
- Metal enclosure with transparent viewing window
- Two line 32 digit interactive menu driven control panel
- Encoded card reject hopper
- WindCard Classic utility tool and Windows drivers for 95/98, NT, and 2000
- Centronics parallel and USB interface (standard)
- One year printer warranty with Hot Swap
- One year (Unlimited passes) print head warranty[1]
- Powerful EPCL (Eltron Printer Command Language)

Color Printing & Lamination
- Color dye sublimination or monochrome thermal transfer printing
- 300 dpi (12 dots/mm) print resolution
- Enhanced 4 fourth generation laminator with auto laminate synchronization

Bar Codes
- Code 39, Code 128 B & C with & without check digit
- 2 of 5 & Interleaved 2 of 5
- UPC-A
- EAN-8 & EAN-13
- PDF-417 2D bar code and other symbologies available via Windows™ driver and WindCard™ Classic utility tool

Fonts
- Resident: Arial Normal 22, Arial Bold 28
- True Type fonts available via Windows™ driver and WindCard™ Classic utility tool

Card Specifications[2]
- Types: PVC, Composite (use 30 mil Composite cards when laminating)
- Card width/length: ISO CR-80, 2.125" (54mm) X 3.385" (86mm)
- Card thickness: .76mm (30mil)
- Card feeder capacity: 100 cards (30mil)
- Card hopper capacity: 100 cards (30mil)

Note 1: One year warranty applies to Floating Bracket System (FBS) printhead only
Note 2: Use Eltron Certified media only

Ribbon Specifications
- Monochrome: 1500 cards/roll
- Monochrome colors: black, red, blue, green, yellow, silver, gold, white
- K Resin + 0: 800 cards/roll
- K Dye + 0: 800 cards/roll
- YMC: 500 cards/roll
- YMCK: 400 cards/roll
- YMCKO: 350 cards/roll
- YMCKK: 350 cards/roll
- YMCKOK: 250 cards/roll

Overlaminate Specifications
- 0.6 to 1 mil Clear overlaminate roll, 175 (0.6 mil) & 100 (1.0 mil) cards/roll
- 0.6 to 1 mil Clear overlaminate for smart cards and magnetic stripe cards, 175 (0.6 mil) & 100 (1.0 mil) cards/roll
- 0.6 to 1 mil overlaminate with hologram or Advantage seal, 175 (0.6 mil) and 100 (1.0 mil) cards/roll
- 1.0 mil Clear overlaminate (full & mag stripe versions) 50 cards/roll

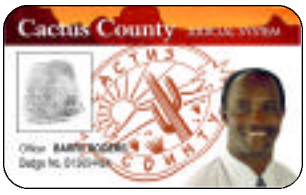
Communications Interface
- Centronics Parallel standard (parallel cable included)
- USB standard (USB cable-not included)

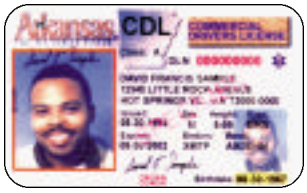
Mechanical
- Width: 31.69" (805mm)
- Depth: 9.25" (235mm)
- Height: 10.43" (265mm)
- Weight: 47 lbs (21.45kg)

Electrical
- 100-250V, 50/60Hz
- FCC Class A, CE, UL and CUL approved

Environmental
- Operating temperature: 60°F to 86°F (15°C to 30°C)
- Operating humidity: 20% to 65% non-condensing
- Storage temperature: -23°F to 158°F (-5°C to 70°C)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

Options
- Smart card contact station (30 mil cards only)
- Magnetic encoder (30 mil cards only)
- Extended warranty program
- On-Site warranty program and Depot warranty programs
- Cleaning supplies





Zebra Technologies Corporation

ISO 9000 CERTIFIED

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