Datacard® DX Series System

DX3100™

Best-in-class quality for mid-volume standalone card delivery operations

The Datacard® DX3100 Card Delivery System is vital to improving operational efficiency, with speeds of 2,000 cards per hour, unmatched job changeover time, automation, and the ability to build large job sizes. It provides all of the benefits of standalone card delivery in a smaller footprint, without sacrificing key features of the DX series systems.

ENTRUST

SECURING A WORLD IN MOTION

Offer highly personalized 1:1 mailings

DATACARD® DX3100 CARD DELIVERY SYSTEM

Create highly personalized 1:1 mailings with messages and visuals that resonate with cardholders. Build the perfect system to meet your needs.

CREATIVITY DELIVERED

Base system includes:
- System Controller
- Standard Capacity Input Gen 2
- Standard Capacity Output Gen 2
- Multi-card Buffer Gen 2
- Card Affixer Gen 2
- Form Buffer Gen 2
- Form Folder/Flipper Gen 2

Additional modules:
- Magnetic Stripe Reader Gen 2
- Barrel Dual Smart Card Reader Gen 2
- Card Scanner Gen 2
- Color Label Printer Gen 2
- Label Affixer Gen 2
- Flex-Form Gen 2
- Pre-printed Form Feeder
- Card Carrier Sorter

Envelope inserter base system includes:
- Controller
- Double Track
- Envelope Feeder
- DC Interface

Additional inserter modules:
- Sheet Feeder/Folder
- Insert Feeder
- Card Carrier Feeder
- Envelope Verification
- Standard Divert
- Envelope Printing/Franking
- Standard Capacity Vertical Conveyor

Deliver personalized card mailings

The Datacard® DX3100 Card Delivery System brings authentic Entrust quality and modularity to standalone card delivery. Now, you can simplify your operations by going to one trusted source for card personalization and a full range of inline and standalone card delivery options. Key features include on-demand full-color printing, pre-personalized form feeding, support for a wide range of paper sizes, envelope printing and form insertion, and 2,000 CPH real-word throughput. This standalone system is the perfect complement to any system within the Datacard® MX Card Personalization Series.

Rapid job changeover. The DX3100 System offers built-in automation for digital changeovers of job set-ups. It allows for minimal operator intervention while maintaining maximum system uptime and data security. Dynamic key automation of card placement, folds, selective inserting, and diverts helps build larger jobs sizes and improves uptime. Realize new levels of efficiency with this system built for next-generation throughput.

Innovative technology. Deliver unique and highly personalized card label designs by printing stunning, high-quality 800 dpi, edge-to-edge full-color labels. This new technology increases system uptime by reducing the frequency of stops required to switch out pre-printed labels.

Feature-rich functionality. Enhanced functionality allows you to print and fulfill any mailing, any way you choose. Features include near-edge full-color printing of pre-printed card carriers, full sheet and standard insert options, and mail divert capabilities to rank important deliveries and organize output. End-to-end verification controls and options ensure full package integrity from card to envelope.

Make a lasting impression

Card carriers
that make an impact

With larger card carriers, you now have more opportunity for customized 1:1 marketing that can help you build stronger relationships with your cardholders. Use valuable form real estate to deliver personalized content, brilliant color, and high-quality graphics to your mailers — engage cardholders and sell more of your products and services. Pair larger-sized carriers with bold color graphics to create even more impact.

Customized card carriers

Streamlined data flow. Both card personalization and card delivery systems use one string of data, providing continuity for data setups and file names, resulting in increased data security and reduced IT formatting.

Larger form sizes. Additional real estate is perfect for printing expanded terms and conditions and adding cross-promotional content to your mailers.

On-demand color printing. High-quality printing helps reduce the need for large inventories of pre-printed forms and color labels. Print card carriers with crisp, full-color, near edge-to-edge laser printing.

Print any carrier, any way you choose. No matter what your card program requires, you have the flexibility to print full-color carriers on demand or feed fully pre-personalized card carriers into the system for a complete high-impact mail piece.

Card carrier integrity. Verification options that help match the correct card and carrier and ensure mail package integrity.

Complete source for standalone card delivery

The Datacard® card delivery portfolio offers the industry's most complete line of inline and standalone card delivery solutions and the widest range of production technologies and printing options. The choice and flexibility of our portfolio empowers you to capitalize quickly on evolving market demands and turn the threat of change into opportunities for growth. The heart of the Datacard® DX3100™ Card Delivery System shares many of the same components featured in our card issuance systems and inline card delivery systems. This means you can rely on one trusted source for complete card-to-envelope production. Bring Datacard® quality and modularity to your card program with the Datacard® DX3100™ Card Delivery System. With features like on-demand, near-edge full-color printing, pre-personalized form feeding, and support for a wide range of paper sizes, the DX3100 System has everything you need to bolster your issuance operations.

Robust envelope insertion

You can produce ready-to-mail packages completely with the envelope insertion module for the Datacard® DX3100™ Card Delivery System. This robust envelope insertion system packages all mailing materials together and provides the optimal security you need to verify that the right information — legal terms and conditions, marketing materials, and more — is inserted into the right envelope.

Achieve high productivity. Drives continuous efficiency with selective insertion, envelope packaging, and sealing. Built-in automation throughout the process helps reduce time between jobs with minimal operator intervention.

Customized packages. Supports a wide range of insert options and features on-demand printing to personalize a message or graphic on the envelope.

Divert and sort. Control your production priorities and drive your system based on business needs. Enhanced functionality allows you to automatically divert mail packages, rank important deliveries, audit packages, and organize output for efficient distribution.

Precise packages. Inline verification automatically weighs each package or checks the thickness of each piece to verify the envelope has the correct cards, carriers, and inserts for each cardholder — every time.

Affordable standalone card delivery with best-in-class Entrust quality

Envelope Insertion Controller Screen

Divert Modules

Sheet Feeder/Folder Modules

Standard Insert Feeder Modules

Envelope Feeder
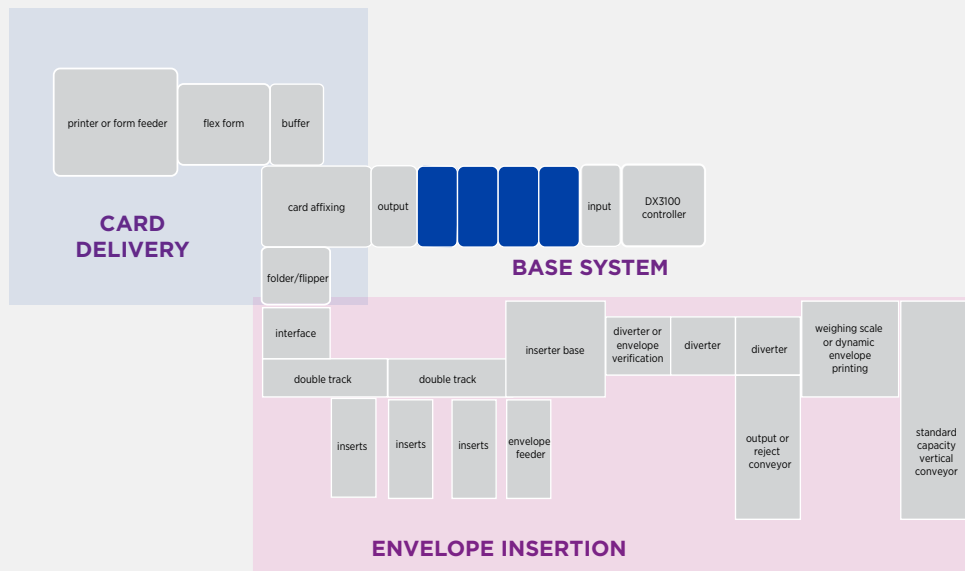
Standard Capacity
Vertical Conveyor

DX3100 Key System Specifications	
Rated Speed	Up to 2,000 CPH
Operating System	Microsoft Windows Embedded Standard 10 OS
Template Management	Microsoft Word 2019
Printer-Ready Data	PCL (black & white), PostScript (color), PDF
Electrical Requirements	Card modules: 230V, 50/60Hz, 15 Amps Form modules: 230V, 50/60Hz, 30 Amps Inserter modules: 230V, 50/60Hz, 30 Amps
Operating Requirements	Room temperature: 65° to 80° F (18° to 27° C); Humidity: 35% to 85% (non-condensing) Recommend service area around system be at least 36" (76.2 cm) to help provide adequate airflow See module datasheets for specific information
Storage Requirements	Room temperature: 50° to 130° F (10° to 54° C); Humidity: 0% to 85% (non-condensing)
Agency Approvals	FCC, UL, cUL, CE, and RoHS Compliant
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (±10%)
Card Materials Supported	All card materials can be processed, including PVC, composite, polycarbonate, ABS, PET, and PETG Limitations may exist for each card delivery technology
Paper Types Supported	24-32 lb. bond (90-131 gsm) 24-28 lb. bond (90-105 gsm) with flex-form Refer to Card Delivery Paper/Envelope Guidelines for additional information

YOUR TRUSTED CARD DELIVERY BRAND

CARD DELIVERY

- printer or form feeder
- flex form
- buffer
- card affixing
- output
- folder/flipper

BASE SYSTEM

- input
- DX3100 controller

ENVELOPE INSERTION

- interface
- double track
- double track
- inserts
- inserts
- inserts
- envelope feeder
- inserter base
- diverter or envelope verification
- diverter
- diverter
- output or reject conveyor
- weighing scale or dynamic envelope printing
- standard capacity vertical conveyor

Learn more about the DX Series at entrust.com

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