Solution Brochure

MXD110™
MXi115™

Datacard® MX Series Systems

Datacard® MXD110™ Card Delivery System
Datacard® MXi115™ Envelope Insertion System

The Datacard® MXD110™ Card Delivery System and the Datacard® MXi115™ Envelope Insertion System provide a simple and cost-effective way for card issuers to enjoy the benefits of inline capabilities. These systems offer a suitable first step into central card issuance and give card issuers more customizable card delivery options well within budget. Around the world, card issuers like you rely on Datacard® Card Delivery Systems to make measurable improvements in productivity as well as launch high-impact personalized marketing campaigns.

ENTRUST
SECURING A WORLD IN MOTION

Create custom, mail-ready packages completely inline.

A POWERFUL COMBINATION

Choose the card delivery and envelope insertion systems that meet your issuance needs and be on your way to creating custom, ready-to-mail packages completely inline. The ability to create and launch these personalized campaigns can help you:

- Retain customers
- Increase loyalty
- Drive card usage
- Generate new revenue streams
- Add one-to-one marketing messages
- Securely and accurately affix up to four cards per form
- Affix cards on either the middle or lower panel of the card carrier

Impact your card program and your bottom line

Improve efficiency

The MXD110 System seamlessly integrates with the MX1100 System to affix cards on personalized card carriers in one simplified inline step. It is based on market-proven technologies that help enable customers to take full advantage of advanced operational efficiency, high reliability, and flawless data integrity at an affordable price.

Garner a secure card issuing environment

Multiple verifications provide increased audit control and help ensure data integrity, which reduces human error throughout automated bar code verification.

Exceptional value for seamless inline fulfillment

The MXi115 System makes it easy to produce personalized mail-ready packages quickly, efficiently, and securely in a seamless, integrated inline process. It allows issuers to place inserts selectively, so you can include targeted messages, promote co-marketing programs, or cross-sell additional products and services.

A closer look at card delivery

Card delivery is more than just affixing the right card to the right form — it's a way to increase efficiency and add a personalized touch to your inline efforts. Here are a few ways the MXD110 System can take your card program to the next level.

Card flexibility. Place up to four cards per form on either the middle and/or lower panels. This additional template and card placement flexibility accommodates a wider range of high-impact marketing campaigns.

Increased production integrity. Print variable data safely and securely by utilizing the automated bar code verification process. Multiple verifications provide increased audit control and data integrity.

Reduce production steps and increase throughput. Discover the power of inline card delivery. Print personalized messages for cardholders, then affix cards and fold carriers for envelope insertion with no manual intervention or slowing down productivity. Inline laser printing helps reduce cost-per-form and increases throughput.

Combine the MXD110 Card Delivery System with the MXi115 Envelope Insertion System for a complete card-to-envelope solution.

Datacard® MXD110™ Card Delivery System

Easy-to-load, high-speed laser printer matches system throughput

Affixes up to four cards per form

Sticker uses transparent double-sided, pressure-sensitive tape to prevent forms from tearing

Folder uses proprietary knife design for sharper, cleaner results

Form stacker holds up to 250 folded, single-sheet forms, minimizing operator intervention

MXD110 Card Delivery System

Envelope insertion made easy

The MXi115™ Envelope Insertion System rounds out your inline issuance operations by simplifying the last stage of the card delivery process. Here are some of the features that show how these systems can impact your card program.

Achieve high productivity. The MXi115 System offers automated inline envelope insertion with very minimal operator intervention.

Reduce cycle time. The system places folded card carriers into envelopes in one automated step, creating up to 600 mail-ready pieces per hour.

Enhance security. Because the entire issuance process occurs inline, it helps to substantially reduces the risk of lost or stolen cards.

Mix and match. Choose from either a standard or tower feeder to help support your unique requirements.

Maximize marketing impact. Select unique inserts for individual cardholders during the same print job and data stream. Process more customized mailings per hour with fewer interruptions for job setup.

Expect easy operation. A simple graphical user interface clearly shows job progress, production statistics, and operator assistance messages. Virtually all functionality, set-ups and insertion maintenance are programmed from an integrated touchscreen PC.

Datacard® MXi115™ Envelope Insertion System

MXi115 Envelope Insertion System

Datacard MX Series Systems

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MXD110 Card Delivery System Specifications	
Systems Supported	Datacard® MX1100™ Card Issuance System
Physical Dimensions	MXD110: 50.0 in. H x 34.7 in. W x 83.0 in. L (88.1 cm x 86.4 cm x 206.8 cm)
Weight	MXD110: 743.0 lbs (337.0 kg)
Speed	MXD110: Up to 600 forms per hour. Based on simplex printing with one card per form.
Templates	Microsoft Word 2019, PDF
Paper Sizes	A4, 8.5 in. x 11.0 in.
Folding Configurations	Three software-selectable folding configurations: • C-fold: standard (bottom-in) • Z-fold: address bottom (top-in), • Z-fold: address bottom (top-forward)
Card Affixing	• Transparent, double-sided, pressure-sensitive tape • Cards can be affixed, removed, and easily re-affixed • Affix up to four cards per form (middle or lower panel only)
Laser Printer	Hewlett Packard M806: • Up to 55 ppm (simplex)
Paper Tray Capacity	1,000 sheets — See HPM806 Printer data sheet for details
MXD Form Stacker	Dimensions: 7.0 in. W x 54.0 in. L (17.8 cm x 137.16 cm) Weight: 91.0 lbs (41.3 kg)
Electrical Specifications	Power consumption of full system including buffer, printer, and conveyor: 7.2A at 230 VAC; ; Heat output of full system including buffer, printer, and conveyor: 5,588 BTUs per hour; Please refer to the HP M806 Printer data sheets for more specific information; MXD110: 230V, 50/60Hz, 15 Amps; MXi115: 230V, 50/60Hz, 15 Amps
Operating Requirements	Room temperature 65º to 80º F (18º to 27º C); Humidity 0% to 85% (non-condensing)
Storage Requirements	Room temperature 50º to 130º F (10º to 54º C); Humidity 0% to 85% (non-condensing)

MXD110 Supplies		
Consumable	**Item Number**	**Yield**
Stickers, Card Affixing, MXD, Zone Coated Double-sided Adhesive Stickers	558734-301	Up to 15,200 stickers
Stickers, Card Affixing, MXD, Full-coated Double-sided Adhesive Stickers	558734-001	Up to 15,200 stickers
HP Genuine Toner Cartridge	811394-260	Up to 34,500 impressions

MXi115 Envelope Insertion System Specifications			
MXi Base System includes:	DTI (Datacard Turnover Interface) MXi Envelope Inserter (envelope feeder, monitor, keyboard)	20.0 in. W x 18.5 in. L (50.8 cm x 47.0 cm) 29.8 in. W x 44 in. L (75.6 cm x 111.8 cm)	55.0 lbs (25.0 kg) 280.0 lbs (127 kg)
Feeder Modules include:	Standard feeder; Tower feeder	20.0 in. W x 16.0 in. L (50.8 cm x 40.6 cm) 20.0 in W x 16.0 in. L (50.8 cm x 40.6 cm)	55.0 lbs (25.0 kg) 112.0 lbs (51.0 kg)
Stand	DTI & Feeders (1/module) Envelope Inserter	17.8 in. W x 16.0 in. L (45.2 cm x 40.6 cm) 21.5 in W x 35.0 in. L (54.6 cm x 88.9 cm)	37.0 lbs (17 kg) 55.0 lbs (25 kg)
Envelope Stacker Options	MXi envelope stacker	10.0 in. W x 72.0 in. L (25.4 cm x 182.9 cm)	106.0 lbs (48 kg)
Speed	Up to 600 packages per hour		
Data File Size	Maximum file size should not exceed 3 megabites		
Form Sizes Accepted	8.5 in. x 11 in., A4		
Insert and Envelope	See Datacard Card Delivery Paper / Envelope Guidelines for additional specifications		
Feeder Capacity	Standard (single) feeder: Up to 350 inserts; max. thickness of 4 mm Tower feeder (top): Up to 250 inserts; max. thickness of 2 mm Tower feeder (bottom): Up to 250 inserts; max. thickness of 4 mm Envelope feeder: Up to 800 envelopes		
Envelope Stacker Capacity	MXi Envelope Stacker — Holds up to 250 envelopes depending on stacker configuration		
Operating System	Microsoft® Windows® 10 IoT Enterprise 2016 LTSB		

MXi115 Supplies		
Consumable	**Item Number**	**Yield**
Envelope Sealing Wetter Fluid, 1-Liter	806238-950	7,000
Envelope Sealing Wetter Fluid, 10-Liter	807884-261	70,000

Learn more about the MX and MXi series at entrust.com

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