

DATACARD® MX2000™ CARD ISSUANCE SYSTEM



Affordable advanced technology

The MX2000 system offers the following modules:

- System controller
- Card input
- Card cleaning
- Magnetic stripe encoding
- Contact smart card personalization
- Contactless smart card personalization
- Graphics printing
- CardGard™ UV-curing topcoat
- Embossing
- Topping
- Label affixing
- Card flipper
- Card output
- Datacard® MXD™ card delivery system
- Datacard® MXi™ envelope insertion system

PRODUCE HIGH-QUALITY CARDS WITH EXCEPTIONAL EFFICIENCY

Cost-conscious card issuers around the world can rely on the Datacard® MX2000™ card issuance system to deliver outstanding card quality, productivity and reliability, all for an extremely competitive price.

- **Premium quality.** The MX2000 system offers many of the same card personalization technologies as our premier card issuance systems. Highlights include industry-leading embossing and indent printing, precise graphics printing, versatile smart card personalization and inline topcoat application. The system also delivers important operational advantages. So you can expect excellent uptime and ease of use.
- **Flexible, modular design.** The MX2000 system can be configured with up to seven personalization modules. Start with the capabilities you need right now, then add new modules to the system as your needs evolve. This modular architecture not only lets you respond quickly to new customers needs — it helps protect your technology investment.
- **Robust security features.** The MX2000 system uses a familiar Microsoft® Windows® operating system that enables administrators to authenticate operators and restrict access to data, applications and jobs. You can also track cards and perform detailed production audits.

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS

DATACARD®
MX2000™ CARD ISSUANCE SYSTEM

Module Specifications			
MX2000 Module	Current Draw	Heat Output	Weight
System Controller	0.79 Amps at 230V	594 BTUs per hour	300.0 lbs (136.1 kg)
Card Input	0.40 Amps at 230V	309 BTUs per hour	100.0 lbs (45.4 kg)
Card Cleaning	0.58 Amps at 230V	439 BTUs per hour	132.0 lbs (59.9 kg)
Magnetic Stripe Encoding	0.39 Amps at 230V	300 BTUs per hour	85.0 lbs (38.6 kg)
Contact Smart Card Personalization	0.74 Amps at 230V (11 stations)	566 BTUs per hour (11 stations)	111.0 lbs (50.3 kg) plus 1.5 lbs (0.68 kg) per programming station
Contactless Smart Card Personalization	0.74 Amps at 230V (6 stations)	566 BTUs per hour (6 stations)	111.0 lbs (50.3 kg) plus 1.5 lbs (0.68 kg) per programming station
Graphics Printing	1.40 Amps at 230V	849 BTUs per hour	116.0 lbs (52.6 kg)
CardGard™ UV-Curing Topcoat	8.74 Amps at 230V	6,790 BTUs per hour	340.0 lbs (154.2 kg)
Embossing	0.80 Amps at 230V for embossing 0.80 Amps at 230V for indent printing	606 BTUs per hour for embossing 606 BTUs per hour for indent printing	123.0 lbs (55.8 kg)
Topping	1.52 Amps at 230V	1,166 BTUs per hour	101.0 lbs (45.8 kg)
Label Affixing	0.80 Amps at 230V	617 BTUs per hour	100.0 (45.4 kg)
Card Flipper	0.46 Amps at 230V	348 BTUs per hour	93.0 lbs (42.2 kg)
Card Output	0.43 Amps at 230V	307 BTUs per hour	100.0 lbs (45.4 kg)
Note: MX2000 system modules cannot be used in the Datacard® MX6000™ card issuance system, and MX6000 system modules cannot be used in the MX2000 system.			
Key System Specifications			
Rated Speed	Up to 1,000 CPH		
Operating System	Microsoft® Windows® XP Professional		
Maximum Configuration	7 personalization modules (not including card input, card output, system controller, card cleaning and card flipper)		
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (±10%)		
System Height	To top of module 50.1 in. (127.3 cm)		
System Depth	33.8 in. (85.85 cm)		
Electrical Requirements	230V, 50/60Hz, 15 Amps		
Operating Requirements	Room temperature: 65° to 80° F (18° to 27° C); Humidity: 20% to 85% (non-condensing)		
Storage Requirements	Room temperature: -50° to 130° F (-46° to 54° C); Humidity: 0% to 100% (non-condensing)		
Agency Approvals	UL, cUL, CE Compliant with the EMC, LVD and Machinery Directives. RoHS Compliant.		
Card Materials Supported	All card materials can be processed, including PVC, composite, polycarbonate, ABS, PET and PETG Limitations may exist for each personalization technology		

DatacardGroup

11111 Bren Road West

Minnetonka, MN 55343-9015

+1 952 933 1223

+1 952 931 0418 FAX

www.datacard.com

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C17-5221