

DATACARD® MX6000™ CARD ISSUANCE SYSTEM

EMBOSSING MODULE

The embossing module on the MX6000 system delivers high-quality embossing and indent printing with tightly aligned character-to-character spacing and consistent text height and location. The large, 112-character emboss wheel enables the use of multiple fonts and supports a wide range of special characters.

- Delivers high-quality, ISO-compliant embossing with consistent spacing and horizontal alignment
- Scalable configurations with single or multiple embossing modules meet a wide range of price performance requirements
- Innovative design allows for indent printing on the front, rear or both sides of the card in a single module
- Rugged, durable emboss mechanism maximizes reliability and uptime
- Incorporates card-handling features designed to help prevent bowing and scratching

Embossing Module Specifications	
Module Functionality	Embosses and indent prints characters on the card
Rated Speed	Up to 1,500 CPH (Actual throughput dependent on the card layout and the number of modules installed in the system)
Embossing Wheel and Fonts	<ul style="list-style-type: none"> • 112-character emboss wheel that accommodates multiple fonts and special characters • Uses same punch/die sets as the Datacard® Maxsys™ card issuance system and the Datacard® 9000 Series card issuance system • Wide variety of characters and fonts: <ul style="list-style-type: none"> – Standard fonts: OCR-A, OCR-B, Standard Gothic, Helvetica, Farrington, Katakana – Special, custom and secure fonts – International language characters
Embossing or Indent Printing Capability	<ul style="list-style-type: none"> • Ability to emboss a single line or multiple lines; up to 8 lines total • Different fonts and spacing available for each line • Standard character, special character and Braille embossing available • Indent printing available on the front, rear or both sides of the card
Emboss and Indent Print Placement	<ul style="list-style-type: none"> • Vertical: From 0.16 in. (4.064 mm) to 1.46 in (37.08 mm) measured from bottom edge of the card to center of the line • Horizontal: From 0.10 in. (2.54 mm) to 3.275 in. (83.19 mm) measured from left edge of card to the centerline of the character • Able to emboss only on the front side of the card • Able to indent print on the front, back or both sides of the card
Operator Supply Notifications	Supply low Supply out Supply jam Take-up roll full Supply not loaded
Indent Ribbons Available	<ul style="list-style-type: none"> • Black, white, gray • Utilizes the same supplies as the Datacard® Maxsys™ card issuance system and the Datacard® 9000 Series card issuance system
System Configuration	<ul style="list-style-type: none"> • Up to 6 embossing modules per system; additional modules may be made available upon request • Up to 2 indent print kits front and/or back per single embossing module • Multiple fonts may be used on the same wheel as long as the combined number does not exceed 112 characters • Compatible with Datacard® CardGard™ UV-curing topcoat module • Embossing must follow CardGard module
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (±10%) Alternative card thicknesses can be made available upon request
Card Materials Supported	PVC and PETG (laminated and non-laminated)
Module Dimensions	50.1 in. H x 10.0 in. W x 27.0 in. D (127.3 cm x 25.4 cm x 68.6 cm)
Weight	123 lbs (55.79 kg)
Current Draw	0.80 Amps at 230V for embossing 0.80 Amps at 230V for indent printing
Heat Output	Average of 606 BTUs per hour for embossing Average of 606 BTUs per hour for indent printing
ISO Compliance	ISO 7811-1

DATACARD® MX6000™ CARD ISSUANCE SYSTEM EMBOSSING MODULE

Embossing Module Supplies		
Indent Ribbons		
Item Number	Description	Approx. Card Yield/Roll*
804091-201 (Roll) 713589 (Case of 10 rolls)	Black indent ribbon Recommended use: Large character, OCR-B 7 or 12 cpi font printing	9,000
804091-301 (Roll) 718374 (Case of 10 rolls)	Black indent ribbon Recommended use: Visa® or MasterCard® 14 cpi security fonts, CVV2 or CVC2 characters on signature panel and direct to PVC	9,000
804091-203 (Roll) 718375 (Case of 10 rolls)	White indent ribbon	9,000
804091-104 (Roll) 717258 (Case of 10 rolls)	Gray indent ribbon	7,800

*Indent ribbon yield is estimated based on 1.0 in. (2.54 cm) of ribbon usage per card. Yields may vary depending on font size and print length per card.

DatacardGroup

11111 Bren Road West

Minnetonka, MN 55343-9015

+1 952 933 1223

+1 952 931 0418 FAX

www.datacard.com

Datacard, MX6000, Maxsys and CardGard are registered trademarks, trademarks and/or service marks of DataCard Corporation in the United States and/or other countries. MasterCard is a registered trademark of MasterCard Worldwide.
©2006-2007 DataCard Corporation.
All rights reserved. Information subject to change without notice.
CI7-5266