MATICA
TECHNOLOGIES

Z3e

PREMIUM DESKTOP EMBOSSER

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The Premium Desktop Embossing system gives you a reliable solution incorporating excellent issuance quality at a high security level. The Z3e is a compact desktop embosser that includes different versions based on the customer's specific needs. It is a perfect solution for financial institutions, smaller service bureaus, retail organizations, and others seeking a simple and cost-efficient product to meet their low volume or instant card issuance requirements.

COMPACT DESIGN & QUIET OPERATION
With its compact, avant-garde design and extremely quiet operation, the Z3e plastic card personalization system is ideal for branch, reception, store or office environments where space is usually very limited and noise needs to be maintained at the lowest possible level. Front-side input and output hoppers make it even more convenient for easy accessibility to your cards, and the flat top cover also reduces desk space usage.

MULTIPLE APPLICATIONS
The new Z3e combines embossing, rear and front indenting and tipping, together with encoding options for magnetic stripe, contact and contactless chip modules. To give your cards that final elegant touch, the Z3e features our Professional Tipping Module. A remarkable feature of this module is the availability of a wide range of tipping colors and an incredibly long lasting ribbon up to 4,000 cards.

SYSTEM SECURITY
Enhanced data security was a crucial aspect while designing the new embosser's range, and Matica Technologies realizes how important it is to prevent cards from theft and fraud, thus the Z3e Premium Desktop Embosser is equipped with many security features, including physical locks.

EMV STANDARD COMPLIANCE
The Z3e provides physical and logical security conformed to current Europay, VISA and MasterCard guidelines.

TECHNICAL SPECIFICATIONS

Productivity
30 seconds per card (mag., emboss., tipp.)

Card handling
Automatic or exception card feed
Input hopper capacity: 80 cards
Output hopper capacity: 50 cards
Reject hopper capacity: 70 cards
Cards format: ISO Std. CR80 - 0.76 mm

Card Personalization
Embossing drum: 80 or 160 characters
Color tipping module with a ribbon saving feature
Nr. of possible prints for tipping module: up to 4000 cards

Options
Infiller device: rear or front and/or rear
Magnetic stripe encoding: HiCo/LoCo – std. tracks 1, 2 & 3 (ISO/IEC 7811)
Single Contact Encoding Station
Single Contactless Encoding Station

Available Fonts
Std. Gothic and OCR7B emboss
OCRB1 and OCRB4 front indent
OCRA1 and CVV2 rear indent
Wide choice of country specific and other embossing/indent types

Communication Interface
USB

Software
MaticardPro for Windows® (XP/2K)
Diagnostic and setup software included

Security Features
Internal anchor points for bolting the system down to a table top
Secure Electronic Locking System with log capability
Mechanical locks with two separate keys
Independent access to card and consumable areas
Encryption of cardholder data received from central server
Operator panel fully controlled from the application
System goes off-line when door is opened

Other Features
LCD display (16 x 2) + 3 function keys
Flat top cover for optimized office space usage

Dimensions & Weight
Single Drum (L x W x H): 76 x 27 x 47 cm
Dual Drum (L x W x H): 96 x 27 x 47 cm
Weight: 44 kg or 50 kg depending on the model

Electrical Requirements
Power supply: 110 to 220 VAC (+/- 10%); 50/60 Hz (+/- 3 Hz)

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