

S5000G

PROFESSIONAL CARD PRINTER



ACCELERATE PRODUCTION WITH THE S5000G!

Capable of printing up to 2,400 cards per hour in monochrome as well as printing both sides of the card, the S5000G is ideal for issuing access control, membership, employee ID, financial and loyalty cards.

Being the fastest printer in its class, the new S5000G guarantees consistent and reliable performance with high quality printing.

TARGET MARKETS

- Financial
- Healthcare
- Retail
- Insurance



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DUAL-SIDED MONOCHROME OR FULL-COLOR PRINTING

S5000G is a professional card printer specifically designed for high speed monochrome printing, with optional full color printing capabilities, making it easy and affordable to print photos, logos, barcodes or near edge-to-edge card designs. With a print resolution of 300 dpi and the AdvanceClean® card cleaning system, which combines a cleaning tape and a cleaning roller, the S5000G ensures that cards are free from dust and debris to maximise the lifetime of the print head, and provides superior print quality. To enhance its flexibility, the S5000G offers a flip-over module to enable dual-side card printing.

HIGH SPEED THERMAL PRINTER

Matica's latest graphic printing engine, is a considerable leap forward in providing unsurpassed performance when compared to competitors' solutions, and allows nearly to double speed when compared to the previous version. The S1 engine is designed and built in-house by Matica, who developed its many features through years of industry experience and solution development.

MAGNETIC STRIPE ENCODING

An ISO standard magnetic stripe encoding module (HiCo/LoCo with tracks 1, 2 and 3) is a standard feature on the S5000G.

EMV SMART CARD PERSONALIZATION

The S5000G can incorporate a single smart chip contact station to personalize EMV financial smart cards, as well as many other types of smart cards.

RFID CARD PERSONALIZATION

The S5000G can incorporate an RFID MIFARE Reader to read or encode many contactless card types.

HIGH PRINTING AUTONOMY & USER FRIENDLY INTERFACE

High capacity input and output hoppers, as well as special high capacity ribbons, reduce operator intervention for card and ribbon replacement during high volume printing applications. Also, MaticardPro, our Windows-based card design software, provides an efficient and user-friendly interface between the operator and the printer.

TECHNICAL SPECIFICATIONS

Printing Speed

Monochrome:

- Single-side: 2400 cph on 10 mm, 1200 cph on 70 mm
 - Dual-side: 850 cph on 10 mm, 450 cph on 70 mm
- Full color near edge-to-edge: up to 145 cph

Card Handling

Input hopper capacity: 600 cards (optional 250 cards)
Output hopper capacity: 600 cards (optional 250 cards)
Reject cards hopper
Cards format: ISO Std. CR80 - 0.76 mm

Card Personalization

Magnetic stripe encoding: Std. tracks 1, 2 & 3 (ISO 7811)
Flip-over for dual side printing
Full color/monochrome thermal printing
300 dpi print resolution
Near edge-to-edge print area
AdvanceClean® cleaning tape and roller system
Optional Single Contact Encoding Station
Optional Single Contactless Encoding Station

Ribbon specification

Black & white monochrome (max): 10000 prints per roll (at 70 mm length per card)
5-panel YMCKO color ribbon (max): 900 images per roll
6-panel YMCKOK color ribbon (max): 750 images per roll
Half-panel YMCKO color ribbon (specially for photo): 1300 images per roll

Communication Interface

2 USB ports

Software

MaticardPro Windows-based software included
Diagnostic and setup software included

Other Features

Key-lock security feature
Optional floor support

Dimensions & Weight

L x W x H: 89 x 43 x 70 cm
Weight: 40 kg

Electrical Requirements

Power supply: 100 to 240 VAC (+/- 10%); 50/60 Hz (+/- 3 Hz)
Recommended operating time: 16 hours/day

Matica
SYSTEM

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