

Benefits

The **EMBOSSER 10000 ARG** is the fastest Card Embossing and Encoding System in the market and the first product of CIM's new Premium Series product line dedicated to high performance systems.

Developed by Fractalos Card Lab, the world renown advanced research center with more than 30 years of experience at the front end of card technology development, the EMBOSSER 10000 ARG combines the most advanced CNC technologies with an innovative product design approach.

Instead of following the trend set by the traditional players in the industry based on incremental improvements of the existing technology, Fractalos Card Lab started from a white board

and developed a radical innovation, the Phoenix embossing module, that is at the heart of the EMBOSSER 10000 ARG and is set to revolutionize the market of card personalization systems.



Design and engineering by Fractalos Card Lab.

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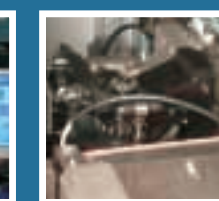
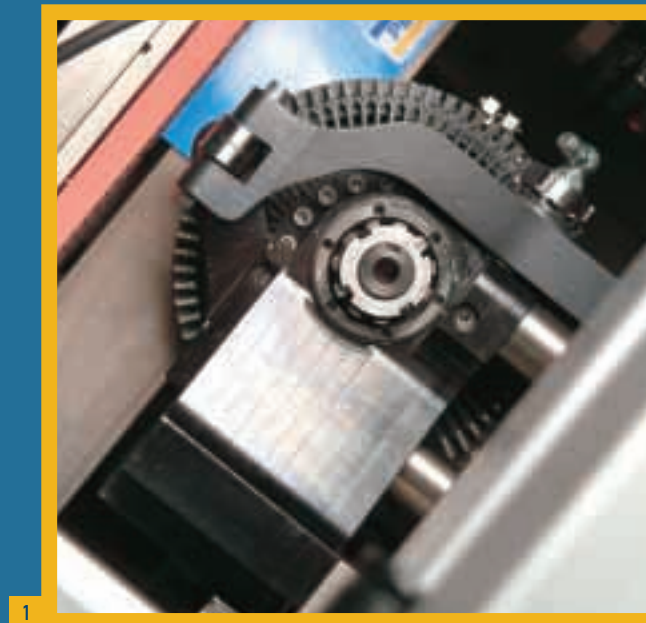
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**EMBOSSER
10000 ARG**

**High Speed Card
Personalization System**



Uncomparable speed

As the fastest Card Personalization System in the market*, the EMBOSSER 10000 ARG can exceed a production speed of 2000 cards per hour for commercial cards and more than 900 cards per hour for highly secure financial cards.

Efficient use of floor space – limited foot print

With less than one square meter of floor space required, the EMBOSSER 10000 ARG system provides an unbeatable size/speed ratio and ensures the customers, even those with limited production floor, to obtain high productivity levels and efficiency.

High reliability and unparalleled mean time between failures - mtbf

The EMBOSSER 10000 ARG does not compromise reliability for speed. Designed and developed using the most robust components and materials, it addresses the needs of customers requiring a system that performs at high speed over extended shifts with no risk of down-time.

Low total cost of ownership - tco

The combination of robust mechanical components with the use of 'off the shelf' CNC technology, allows customers to quickly troubleshoot problems and to source spare parts easily through the most common channels lowering the need of 24x7 service agreements thus minimizing the TCO.

*Based on single drum embosser.

Technical specifications

Performance

Up to 2000 cards/hour

Card Handling

Hopper

Removable

Capacity up to 500 cards

Card Dimension

Card size: ISO standard 7810-7811

Card thickness: 0.5 - 0.8 mm

Processing

Drum capacity: standard 1x72 characters embossing or infill

Magnetic Stripe Encoding

3 tracks ISO 7811 - 1/4, HiCo/LoCo

Chip Contact Encoding

Built-in tipper unit

Ribbon saving feature able to tipper up to 25000 cards per ribbon

Software and Communication

Windows based application software

Full networking capability

Other Features

Output stacker capacity: 300 embossed cards

Reject hopper capacity: 150 cards

Movements fully driven by brushless motors / closed loop position control

Energy requirements

220/240 V - 50 Hz - 15A / 110V - 60 Hz - 30A

Environmental requirements

15 - 30 °C / 59°F - 86°F

20 - 80% R.H. non condensing

Physical Dimensions

1000 x 800 x 1430 mm x 140 Kg

39.37" x 31.49" x 56.29" x 308 pounds

Available Configurations

Indent printing available front or rear