

## FEATURES

### STANDARD



### OPTIONAL



### USED BY:

- GOVERNMENT OFFICES
- INSURANCE COMPANIES
- CASINOS
- CLUBS/ASSOCIATIONS
- SERVICE BUREAUS

### IDEAL FOR:

- ID CARDS
- DRIVER LICENSES
- STUDENT CARDS

### SOFTWARE

POWERED MICROSOFT  
WINDOWS DRIVER



# PRO SERIES

## TL 1000 HIGH-PERFORMANCE



## SECURE AND DURABLE ID-CARD PREMIUM PRINTING QUALITY AND TAMPER PROOF LAMINATING

The TL1000 HIGH-PERFORMANCE has been designed to provide high quality printing and security features: the latest CIM printing module can personalize the card in monochrome and color, while the hologram laminating station offers longer life to your ID cards. **All in one pass.**



Personalized holograms  
available on request  
(minimum quantity required)

- ✓ Full color or monochrome thermal printing
- ✓ Built-in laminating module
- ✓ Professional card cleaning station
- ✓ Flip-over module for front and rear printing
- ✓ Regular VISA + VISA Mini Card encoding
- ✓ Encoding: Magnetic Stripe (JIS/ISO)



# TECHNICAL FEATURES



## CARD & FEEDER

<b>dimensions</b>	CR80 - ISO standard
<b>thickness</b>	0,4 ÷ 0,8 mm / 16 ÷ 32 mil - 0,76 mm for lamination
<b>materials</b>	ABS, PVC and composite
<b>input hopper</b>	200 cards capacity
<b>output hopper</b>	200 cards capacity with FIFO (first in – first out) technology; reject hopper 10 cards capacity



## PRINTING & LAMINATION

<b>technology</b>	color and/or monochrome thermal transfer
<b>resolution</b>	300 DPI
<b>printing area</b>	full card size
<b>laminating area</b>	full card size
<b>facilities</b>	orientation: 0°, 90°, 180°, 270°
<b>fonts</b>	internal or Windows True Type
<b>front/back</b>	optional flip-over
<b>performance</b>	monochrome printing (front): 390 CHP monochrome printing (front+lam): 240 CHP monochrome printing (front/rear): 193 CHP monochrome printing (front/rear+lam f/r): 77 CHP color printing (im+text) + lamination (front): 100 CHP

## ENCODING OPTIONS

<b>bar codes</b>	Code 39, EAN8, EAN13, 2/5 interleaved, Code 128 and others available with Windows drivers
<b>magnetic encoding</b>	optional: 3 ISO 7811 tracks, LoCo, HiCo, JIS
<b>smart card encoding unit</b>	available on request
<b>contactless</b>	available on request



## COMMUNICATION INTERFACE & SOFTWARE

<b>communication interf.</b>	RS232 serial port and parallel ports
<b>operating system</b>	Driver for Windows XP/Vista/7
<b>protocol</b>	Chip 10 and Chip Thermo.

## HARDWARE

<b>power supply</b>	100 - 117 - 220 - 230 or 240 Volts - 50/60 Hz
<b>operating environment</b>	5 ÷ 40 °C / 41 ÷ 104 °F
<b>dimensions (WxDxH)</b>	1200 x 490 x 350 mm / 47.2" x 18.9" x 13.8"
<b>weight</b>	67 kg / 148 lbs
<b>floor stand</b>	optional (required for in-line operation)

## VARIOUS

<b>floor stand</b>	optional
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**THERMAL LAMINATION** HIGH-PERFORMANCE 1000

**PROFESSIONAL PRINTING QUALITY - THE TL 1000 HIGH-PERFORMANCE** provides premium quality in card printing: text, barcodes, logos, images and photos.

## SECURITY & DURABILITY

The **TL 1000 HIGH-PERFORMANCE** is designed to increase either the lifespan of your cards and their security. After the thermal printing, the laminator applies on the card front and/or rear a thin clear patch protecting it both from wear and counterfeiting.

Personalized holograms are available on request when high ID-security standards are needed.



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