



MAXIMA SERIES

COMBI 500

**Color & Monochrome
THERMAL PRINTING
& EMBOSsing
in just One pass**



LCD display and front control panel for technical operations

Secure, yet easy access to the internal parts of the unit

120 cards automatic hopper

RFID ENCODING PAD
Optional

FEATURES



USED BY:

- BANKS
- CREDIT UNIONS
- MEMBERSHIP CLUBS
- ASSOCIATIONS
- RETAIL CHAINS
- UNIVERSITIES

IDEAL FOR

- UNIVERSITY ID & PAYMENT CARD
- EMBOSSED PHOTO ID
- COMBINED DEBIT & CREDIT ISSUANCE
- INSTANT CARD ISSUANCE AT BRANCH OR STORE

A COMPLETE SOLUTION !!!



INTEGRATED THERMAL PRINTING & EMBOSsing SOLUTION FOR FINANCIAL CARDS & MULTI PURPOSE CARDS

Fast and compact all-in-one personalization solution!

- Durable drum with unlimited daily card production
- Graphic quality thermal printing and embossing
- API for system integration
- Encoding options
 - Magnetic stripe (ISO)
 - Contact or contact-less chip encoding
 - RFID encoding pad



Complete personalization Multi-functional

- Thermal printing
- Embossing & Indent
- Encoding
- RFID pad



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TECHNICAL FEATURES

CARD & FEEDER

dimensions	ISO standard CR80
thickness	0.5 to 0.8 mm / 20 to 32 mil
input hopper	Up to 120 cards capacity
output hopper	Slide style output delivery for easy operator access to completed cards
rejected cards	Audible and visual alerts

EMBOSSING SPECIFICATIONS

technology	Embossing and front + rear indent in one pass
drum capacity	105 slots. 120 capacity available on request
type set	Standard Gothic (42 alphanumeric characters plus ç and ñ) for embossing OCR7B (10 numeric characters) for embossing Other font set available on request
embossing area	12 lines X 31 characters
indent unit	Dual indent
internal tipper unit	Area 76 x 41 mm / 3 x 1.61 in. Ribbon saving feature
performance	Up to 240 card per hour

THERMAL PRINTING SPECIFICATIONS

technology	Full color dye sublimation thermal transfer or monochrome resin – single side printing
resolution	300 dpi
orientation	0°, 90°, 180°, 270° (fig.1)
bar codes	Code 39, EAN8, EAN13, 2/5 in intervals, Code 128. Other available on request
type of fonts	Predetermined fonts or "Windows true Type"
performance	Up to 1200 card per hour mono / 150 card per hour color

ENCODING OPTIONS

magnetic stripe	3 tracks ISO 300/2750 oe
chip with contact	Smart Card contact station
rfid	13.56 Mhz – External RFID Antenna for Visa Wave MasterCard Paypass and other RFID applications

COMMUNICATION & SOFTWARE

interface	USB 2.0 port
protocol	API available
software	Interface monitoring, production control of pre-encoding cards, help messages and status displayed on PC

HARDWARE

power supply	100-117 / 220 - 240 Volts ; 50 to 60 Hz
temperature	10- 35°C / 50-95°F/ 20 relative humidity 60% none condensing
dimensions (WxDxH)	570 x 670 x 290 mm / 22.44 " x 26.38" x 11.42 "
weight	54 kg/ 119.05 lbs



Durable and resistant drum



Easy to replace ribbon



RFID encoding or different form factors



Orientation (fig.1)

COMBI 500



Card Cleaning unit



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