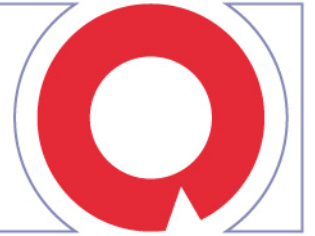


PROFESSIONAL CARD PRINTER



T20



MAXIMUM FLEXIBILITY

Capable of printing up to 1.000 cards per hour in monochrome (front and back), the T20 is a professional card printer that also offers full colour printing capabilities, making it easy and affordable to print alphanumeric text, barcodes, photos, logos or full edge-to-edge card designs.

The T20 has two printing stations that allow for the high speed printing and application of a scratch off panel for SIM cards or prepaid telephone cards.

Target Markets

Telecommunication Companies, Service Bureaus ,Healthcare, Card Manufacturers, Third Party Administrators, Cruise Lines



TWO PRINTING AND FLIP-OVER MODULES

Two thermal printing modules combined with two flip-over modules, before each printing module, for high-speed dual-sided printing, makes model T20 one of the most versatile and flexible card printers available.

Using the second print module to apply a scratch-off panel, makes model T20 particularly suited to issue prepaid telephone and gift cards.

With a print resolution of 300 dpi and the AdvanceClean® Card Cleaning System, which combining a cleaning tape and cleaning roller, model T20 ensures that cards are free from dust and debris thus maximizing the lifetime of the print head as well as print quality.

MAGNETIC STRIPE ENCODING AND SMART CARD PERSONALIZATION

An ISO standard magnetic stripe encoding module (HiCo/LoCo, tracks 1,2 and 3) is a standard feature on the T20.

MiniCard®/ MiniVisa® compress encoding is also available.

SINGLE OR MULTI-CHIP SMART CARD

The T20 can incorporate a single smart card contact or Matica's new revolutionary Smart Card Personalization module which can simultaneously personalize up to 10 smart cards.

HIGH PRINTING AUTONOMY AND EASY USER INTERFACE

High-capacity loading and output hoppers as well special high-capacity ribbons reduce operator intervention for card replenishing and ribbon replacement purposes. The MatiCard® Windows-based card production software provides easy user interface between the operator and the T20.

MAILER IN-LINE

The T20 can be linked to the MS10 or MS20 mailing systems to provide a complete and secure full personalization process.

Technical Features

Productivity:

- Monochrome printing: up to 1000 cph
- Colour "edge-to-edge": up to 120 cph
- Colour photo: up to 300 cph (with half panel ribbon)

Card handling:

- Input hopper capacity: 250 cards
- Output hopper capacity: 250 cards
- Reject cards hopper
- Cards format: ISO Std. CR80 – 0.50 - 0.80 mm

Card Personalization:

- Magnetic stripe encoding HiCo/LoCo – tracks 1, 2 & 3, ISO 7811
- Two transport modules for in-field Multi-Chip module upgrade
- Two Flip-Over for front, reverse and dual/sided printing
- Two graphic thermal printing module:
 - Full colour/monochrome
 - 300 dpi print resolution
 - Edge-to-edge print area
 - AdvanceClean® cleaning tape and roller system

Options:

- Single Smart Card Station
- RFID Mifare Station
- MiniVisa® compress encoding
- One (or two) Multi-Chip smart card module:
 - 5 contact stations
 - 5 smart card readers (serial interface)
 - USB-to-8COM ports converter

Ribbon Types:

- Black monochrome ribbon: 1000 or 5000 prints/roll
- Other monochrome ribbons (red, blue, green, white, gold and silver): 1000 prints/roll
- Scratch-off ribbon: 1000 cards/roll
- 5-panel YMCKO ribbon: 200 or 1000 images/roll
- Half-panel YMCKO ribbon (specially for photo): 400 images/roll
- 6-panel YMCKOK ribbon: 200 images/roll
- 2-panel KO (black varnish overlay) ribbon: 500 images/roll

Communication Interface:

- 1 RS232 serial and 2 USB ports
- 1 or 2 extra USB ports for Multi-Chip modules

Software:

- MatiCard Design® Software for Windows® 2K/XP
- Diagnostics and set-up software included

Other Features:

- Key-lock security feature
- LCD display (40x2)
- Upgradeable Firmware via PC on Flash EPROM
- Floor support cabinet
- Monitor and keyboard support

Dimensions (included floor support):

- Height: 1181 mm
- Width: 1540 mm
- Depth: 551 mm

Weight (included floor support): 205 Kg

Power Requirements:

- Electrical requirements: 100V~240V 50/60Hz