

PROFESSIONAL CARD PRINTER

MAXIMUM FLEXIBILITY



T20

Capable of printing over 1.000 cards per hour in monochrome (front and rear), 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.

APPLICATIONS

PREPAID TELEPHONE CARDS
GIFT CARDS/KEY CARDS

MEMBERSHIP & LOYALTY CARDS
PLAYER CARDS

TARGET MARKETS

TELECOMMUNICATION COMPANIES HOSPITALS CARD MANUFACTURERS
THIRD PARTY ADMINISTRATORS CASINOS CRUISE LINES SERVICE BUREAUS


Matica
Look inside

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 combines a cleaning tape and cleaning roller, model T20 ensures that cards are free from dust and debris thus maximising the lifetime of the print head as well as print quality.

MAGNETIC STRIPE ENCODING AND SMART CARD PERSONALISATION

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

personalisation is offered as an option, so that cards can be used in ATMs, access control systems, POS terminals and other automated systems.

The T20 can incorporate a single smart card contact or Matica's new revolutionary Smart Card Personalisation module which can simultaneously personalise up to 10 smart cards. The reduced cycle time allows the T20 to maintain a high throughput even when performing complex programming operations.

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, included with Matica's Professional Card Printers, provides easy user interface between the operator and the T20.

Technical Features

T20	
PRODUCTIVITY:	
Monochrome printing (front & rear)	1.000 cph
Colour "edge-to-edge" (front & rear)	120 cph
CARD HANDLING:	
Input hopper capacity	250 cards
Output hopper capacity	250 cards
Negative hopper for rejected/defect cards	Yes
Card Formats	ISO Std. CR80 – 0,50-0,76 mm.
CARD PERSONALISATION:	
Magnetic stripe encoding HiCo/LoCo	Standard (Tracks 1,2 &3, ISO 7811)
Single Smart Card Station	Optional
Transport module for multi-station smart card module upgrade	2 modules
Multi-Station Smart Card Module	1 or 2 modules / 5 or 10 stations (optional)
Flip-over for dual / rear sided printing	2 modules (standard)
Card cleaning feature	AdvanceClean® cleaning tape and roller system (standard) on each thermal printing module
Graphics Thermal Printing Module	2 modules - Full colour/Monochrome
Print resolution	300dpi
Print area	Edge-to-edge
Barcodes	Code 39, Extended Code 39, Code 128, Interleaved 2/5, EAN 8, EAN 13, EAN 128, Codabar, POSTNET, Code 93, and others
PRINT MEDIA:	
BLACK monochrome ribbon	1.000 or 5.000 prints/roll
Other monochrome ribbons (red, blue, green, white, gold & silver)	1.000 prints/roll
Scratch-off ribbon	1.000 cards/roll
5-panel YMCKO ribbon	200 or 1.000 images/roll
Half-panel YMCKO ribbon (specially for photo)	400 images/roll
2 panel KO (Black Varnish overlay) ribbon	500 images/roll
COMMUNICATION:	
Communication interface	1 Serial and 2 USB ports
OTHER FEATURES:	
Key-lock Security feature	Standard
Floor support cabinet	Standard
Monitor and keyboard console	Standard
LCD Display (40 x 2)	1
Upgradeable Firmware	Via PC on Flash EPROM
MatiCard Production Software (Windows 98SE/Me/NT/2K/XP)	Included
Diagnostics and Set-up software	Included
DIMENSIONS & WEIGHT:	
Dimensions (incl. floor support) (WxDxH)	1540 x 551 x 1181 mm.
Weight (incl. floor support):	125 Kg
POWER REQUIREMENTS:	
Electrical requirements	100V, 120V, 220V, 240V 50/60 Hz

a company of the



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