

## 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 modul 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 300dpi and the Advance Clean 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 ATM access control system POS terminals and other automated

systems. The T20 can incorporate a single smart card contact or Maticas 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 through put 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 Maticas Professional Card Printers provides easy user interface between the operator and the T20.

## Technical Features

	T20
<b>PRODUCTIVITY</b>	
Monochrome printing (front & rear)	1.000 cph
Colour edge-to-edge (front & rear)	120 cph
<b>CARD HANDLING:</b>	
Input hopper capacity	250 cards
Output hopper capacity	250 cards
Negative hopper for rejected/defect cards	Yes
Card Formats	ISO StdCR80 Ø 0,50-0,76 mm.
<b>CARD PERSONALISATION:</b>	
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
<b>PRINT MEDIA:</b>	
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
<b>COMMUNICATION:</b>	
Communication interface	1 Serial and 2 USB ports
<b>OTHER FEATURES:</b>	
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
<b>DIMENSIONS &amp; WEIGHT:</b>	
Dimensions (incl. floor support) (WxDxH)	1540 x 551 x 1181 mm.
Weight (incl. floor support):	125 Kg
<b>POWER REQUIREMENTS:</b>	
Electrical requirements	100V,120V,220V,240V 50/60 Hz

**cardSERVICE**