



Over the edge full colour printing
Highest

photo-quality images, printed right over the edge of the card in 30 seconds.



Encoding
A wide range of Contactless (Proximity)

card, Contact chip card, and Magnetic stripe card encoding options in the printer.



Duplex
Double-sided printing is standard with

the Prima 2e. Prints on both sides in 60 seconds.



Card Lamination
For added durability and

holograms, an in-line card laminator is available.

*Now improved
for 2006*



The highest print quality

The reverse-transfer Prima 2e is ideal for producing top quality, durable cards.

The quality of the finished card is similar to that achieved by off-set litho printing, but with the advantage that every card can be different.



The Prima 2e is supplied with a free, two year warranty with hassle-free printhead cover and loaner service.

(Available in the EU and North America only)



ONLY with Magicard, do you get all the following valuable features:

- Two year UltraCoverPlus warranty (EU and North America only).
- New Graphical Driver, with auto ribbon detection, auto-cleaning prompts, and ribbon status level.
- Wide range of Encoding options – Philips Mifare, Desfire, Mifare ProX and i.code; HID iClass; Legic; Texas TagIT; and others.
- USB 2.0 now standard. Ethernet as an option.
- External LaserCard encoding unit option.
- Batch printing with up to 7 printers (Prima 2e Network version).
- In-line Lamination options.



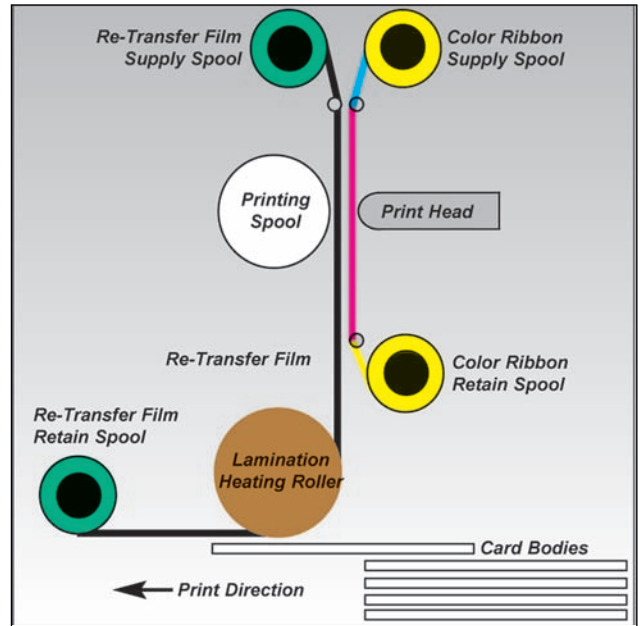
THE INNOVATIVE REVERSE TRANSFER PRINTING TECHNOLOGY

One of the key advantages of Reverse Transfer or Re-transfer ID card printing technology is the increased abrasion resistance. Images printed with a Re-transfer printer are better protected from wear. This enhanced wear protection results from first transferring information to be printed onto a card to the underside of a clear ribbon (the initial dye transfer), then transferring the printed information from that ribbon onto a card in such a manner that the information on the card appears under a protective "release layer" of the clear ribbon (the "re-transfer" step).

The process works like this:



The ID card images are transferred (or sublimated) from the YMCK dye film onto a clear film and then laminated entirely onto the card. In comparison,



the traditional direct to card printers apply the dyes from the YMCK film directly to the card, diffusing the dyes into the surface followed by a clear layer of acrylic. Both methods use YMCK dye films, but the reverse transfer method uses an additional polyester based transfer film.

The advantages of Reverse Transfer technology are:

- Very high print quality.
- True over-the-edge printing on the card.
- The ability to print cards with uneven surfaces, such as some contactless cards.
- The ability to print onto non-PVC cards like ABS, PET, PVH and Polycarbonate.

ENHANCED ENCODING OPTIONS

The new Prima 2e printers are optionally equipped with the chip controller board, which supports the following encoding technologies:

- Philips: MIFARE®, DESFire®, MIFARE ProX®, and i.code
- HID: iCLASS®
- Texas Instruments: TagIT®
- ST Micro: x-ident, SR 176, SR 1X 4K
- Infineon: My-d (in secure mode UID only)
- Atmel: AT088RF020
- KSW MicroTech: KSW TempSens

Single Sided Inline Lamination Unit



This new unit is designed to exclusively operate in combination with the Magicard Prima 2e and also previous Prima printers. A compact, single-sided laminator, it delivers an outstanding lamination result with all possible options.

Regardless of whether thin holographic film or patches in various thicknesses are used - the result is always superb.

Connecting the Inline Lamination Unit to the Prima 2e printer is very easy. Simply attach the unit, joining plate to the printer unit, position the Inline Lamination Unit on the joining plate and plug the communication cable in - that's it.

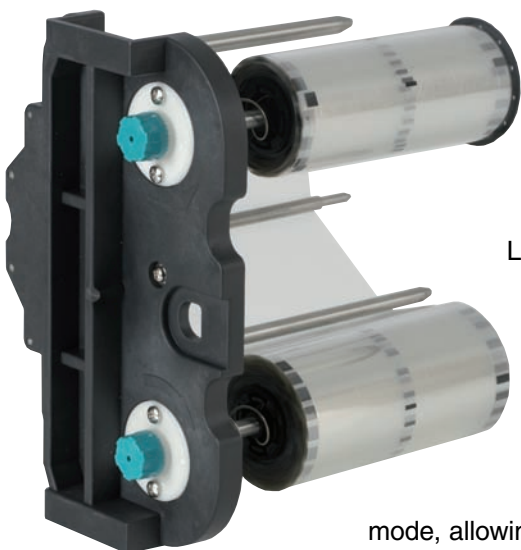
Loading the lamination foil rolls is extremely user friendly. The foils are front-loaded, similar to the Prima 2e printer. The Inline Lamination Unit is user programmable. The perfect temperature and speed settings can be adjusted via the front panel display.



This unique feature allows the use of the Inline Lamination Unit with all card materials, including PVC, PVH, ABS, 100 % PET and even Polycarbonate.

Lamination materials include thin holographic overlays, 0.5 mil and 1 mil patch laminates available in clear or custom formats.

Unlike any other card laminator, the Magicard Prima 2e Inline Lamination Unit laminates in portrait mode, allowing it to reach impressive speeds of around 30 seconds per card, depending on user settings.



Consumables

High-capacity YMCK ribbon together with the separate re-transfer film provides 1000 colour prints.

Both ribbon and re-transfer cartridges slot in easily in for ease of use.



Specifications

Prima 2e Reverse Transfer ID Card Printer (Part No. Prima/100/R)

Print Speed YMCKO

About 30 seconds per full colour (YMCK) side. Prints both sides in YMCK in about 60 seconds.

Security Features

Built-in re-transfer laminate protection. Image is printed on rear of re-transfer film. Holographic laminates can be applied with optional in-line laminator. **Printer Interfaces**

Standard Warranty

Two years UltraCoverPlus® warranty which includes full printhead coverage and free loaner service – North America and EU only. Elsewhere 12 months limited warranty.

Dye Film

YMCK 1000 prints (Full-colour printing). Part No. Prima/111/R.

YMCKK 750 prints (Full-colour printing of one side and black on reverse side). Part No. Prima/112/R.

YMCKPO 750 prints (Full-colour and Peel-off). The Peel-off ribbon field prevents the re-transfer process taking place on defined areas of the card body. These areas can be defined in the printer driver. This feature is useful for certain magnetic stripe cards or cards with pre-manufactured signature-field labels. Part No. Prima/113/R.

Re-Transfer Film

Re-transfer film 1000 prints. Part No. Prima/007. Holographic re-transfer films also available.

Printhead Replacement

PVC, ABS, PET, PVH, and Polycarbonate ISO Standard CR80 sized cards.

Card Capacity

300 cards feed tray, 100 cards output stacker.

Printhead

Simple field replaceable unit.

PC interface

USB 2.0.

Software

Supplied with Windows 2000 & XP compatible driver software.

Cleaning

Removable cleaning roller cassette.

Dimensions

340 mm width x 381 mm height x 340 mm length (13.4" width x 15.0" height x 13.4" length).

Weight

22 kg (48.5 pounds).

Options

In-line Laminator

Compact, single-sided in-line laminator. Part No. Prima/064. Thin, 0.5 mil and 1 mil laminates available. Clear and holographic laminates. 207 mm / 8.2" width x 308 mm / 12.2" height x 310 mm / 12.2" depth. Weight 8kg / 18 pounds. Double-sided lamination also available.

Network Version

Prima 2e Network ID Card Printer. Network version allows batch printing with up to 7 printers working together. Part No. Prima/102/R.

Magstripe Encoder

Prima 2e with HiCo/LoCo Magstripe encoder. Part No. Prima/101/R or Prima/103/R (Network version).

Contactless Card

Optional encoder. Contactless cards supported :

Encoder

Philips: MIFARE®, DESFire®, MIFARE ProX®, and i.code. HID: iCLASS®. Texas Instruments: TagIT®. ST Micro: x-ident, SR 176, SR 1X 4K. Infineon: My-d (in secure mode UID only). Atmel: AT088RF020. KSW MicroTech: KSW TempSens.

Smart Card Encoder

Optional chip contact programming facility for smart cards.

PC interface

Optional Ethernet interface.

LaserCard

External LaserCard encoding option.

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