Prima 3

# ID CARD PRINTER SPECIFICATIONS

## Specifications

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|---|---|
| **Warranty** | Three years UltraCoverPlus warranty and support which includes full printhead coverage and free loaner service – North America, EU and other selected territories. Elsewhere 12 months limited warranty. |
| **Print Speed YMCK** | Between 30 - 40 seconds (depending on printer model). |
| **Card Capacity** | 300 cards feed tray, 100 cards output stacker. |
| **Printhead** | Simple field replaceable unit. |
| **PC interfaces** | USB 2.0 and Ethernet fitted as standard on all models. |
| **Software** | Supplied with Windows 2000™, XP™ and Vista™ compatible driver software. |
| **Security Features** | Holographic laminates can be applied with optional inline laminator. New UV ribbons. |
| **Cleaning** | Removable cleaning roller cassette. |
| **Dimensions** | 13.4" width x 15.0" height x 13.4" length (340mm width x 381mm height x 340mm length). |
| **Weight** | 48.5 pounds (22kg). |

## Consumables

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|---|---|
| **Dye Film** | **YMCK 1000 prints** (Full-color printing). **Part No. Prima/111/R.**<br>**YMCKK 750 prints** (Full-color printing of one side and black on reverse side). **Part No. Prima/112/R.**<br>**YMCK-UV 750 prints** (Full-color and UV panel). **Part No. Prima/152/R.** |
| **Retransfer Film** | **Retransfer film 1000 prints**. (*Retransfer film must be paired with dye film for printing*). **Part No. Prima/153/R.** |
| **Laminates** | Thin, 0.5 mil (12,7 µ) and 1 mil (25,4 µ) laminates available. Clear and holographic laminates. |
| **Card Thickness/Stock** | 10mil to 80mil (0.25mm to 2.0mm) / PVC, ABS, PET, PVH, and Polycarbonate ISO Standard CR80 sized cards.<br>10mil to 55mil(0.25mm to 1.4mm) with encoder. |

## Variants

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| **Prima Uno** | Single-sided (90 cards per hour). **Part No. Prima/138/E.** |
| **Prima Duo** | Dual-sided (100 cards per hour). **Part No. Prima/140/E.** |
| **Prima Duo Plus** | Dual-sided (faster at 120 cards per hour, with manual card feed and faster encoding). **Part No. Prima/142/E.** |
| **Prima High Output** | Dual-sided with batch operation allowing up to 7 printers to be operated from one PC for printing of up to 840 cards per hour. **Part No. Prima/144/E.** |
| **Upgrades** | All variants (except Prima High Output) can be upgraded to higher models, by returning to Ultra for upgrade. |

## Options

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| **Inline Laminator** | Compact, single-sided inline laminator. **Part No. Prima/064E.**<br>8.2" / 207mm width x 12.2" / 308mm height x 12.2" / 310mm depth. Weight 18 pounds / 8kg. |
| **Magstripe Encoder** | Prima with HiCo/LoCo Magstripe encoder. |
| **Contactless Card Encoder** | Contactless cards supported : **Philips:** MIFARE®, DESFire®. **HID:** iCLASS®. **Legic®**. |
| **Smart Card Encoder** | Optional chip contact programming facility for smart cards. |
| **LaserCard** | External LaserCard encoding option (for Duo Plus and High Output variants only). |

## YOUR ID CARD PRINTER

| | | |
|---|---|---|
| Edge to Edge | **Edge to edge** | Highest photo-quality images, printed right over the edge of the card. |
| Bio-metric encoding | **Encoding**<br>OPTION | A wide range of Contactless (Proximity) card, Contact chip card, and Magnetic stripe card encoding options in the printer. |
| Duplex printing | **Duplex**<br>OPTION | Prints on both sides (Standard on all variants except Prima Uno). |
| Over laminate | **Lamination**<br>OPTION | For added durability and holograms, an inline card laminator is available. |

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The information contained in this document reflects the current state of design and we reserve the right to change the specification without notice or obligation.

CE
ISO 9001:1992 certified 14001:2006 certified
Mixed Sources FSC
Prima34PPUSLTR0209

Prima 3

# Reverse transfer ID card printer

## The highest print quality

The reverse-transfer Prima 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.

UltraCoverPlus 3 YEARS · JAHRE · AÑOS · ANNI

### Free 3 year warranty and support

The Prima is supplied with a free, 3 year warranty and support including loaner service, **plus** life-time printhead cover.

(Available in the EU, North America and other selected territories)

Edge to Edge

Bio-metric encoding OPTION

Duplex printing OPTION

Over laminate OPTION

PROFESSIONAL SERIES

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photo identification for less
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(800) 321-4405
Internet retailer TOP 500 E-Retailer

Ultra ELECTRONICS MAGICARD
Secure ID card printers
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MAGICARD
Secure ID card printers

# The innovative Prima reverse transfer printing technology

The key advantages of Reverse Transfer or Retransfer ID card printing technology are high print quality, the ability to print on myriad card types and increased abrasion resistance.

### The process works like this:

The ID card images are transferred (or sublimated) from the YMCK dye film onto a clear film which is then laminated entirely onto the card, with the image underneath. 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.

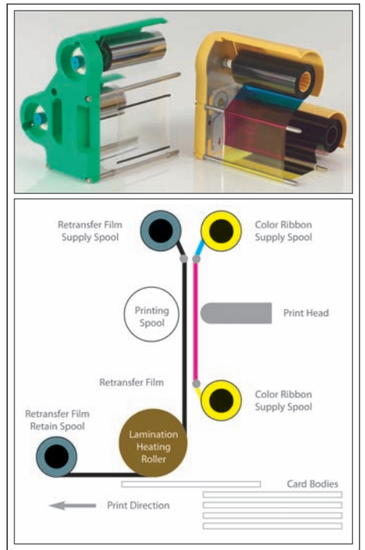
### The advantages of Reverse Transfer technology are:

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

## Enhanced encoding options

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

- Philips: MIFARE®, DESFire®
- HID: iCLASS®
- Legic®




High-capacity YMCK ribbon together with the separate re-transfer film provides 1000 color prints.
Both ribbon and re-transfer cartridges slot in easily for ease of use.

# Prima 3 Inline Lamination Unit

### Single-Sided or Double-sided Lamination

The ILU module integrates exclusively with the Magicard Prima. A compact, single-sided laminator, it delivers an outstanding lamination result with all possible options. When used with an optional Turnover Unit, the Inline Lamination Unit can laminate both sides of the card. By using two Inline Lamination Units and a Turnover Unit, both sides can be laminated with different types of laminates. Regardless of whether thin holographic film or patches in various thicknesses are used - the result is always superb.

Connecting the ILU (Inline Lamination Unit) to the Prima printer is very easy using the provided joining plate. Simply position the printer and laminator side by side locating the feet through the appropriate alignment holes in the plate. Plug in the communication cable and you are ready to print and laminate cards.

Loading the over laminate rolls is extremely user friendly, the rolls are front-loaded, similar to the Prima printer. The Inline Lamination Unit is user programmable. Temperature and speed settings can be adjusted via the front panel display for optimum results with all card materials, including PVC, PVH, ABS, 100% PET and even Polycarbonate.

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

Unlike any other card laminator, the Magicard Prima Inline Lamination Unit laminates in portrait mode, allowing it to reach impressive speeds of 20–35 seconds per card, depending on settings.

Easy load lamination system

## ONLY Magicard offers you all the following valuable features:

- 3 years UltraCoverPlus warranty and support (EU, North America and selected other territories).
- New Graphical Driver with auto cleaning prompts and consumables status updates.
- Wide range of Encoding options – Philips Mifare, Desfire, HID iClass and Legic.
- USB 2.0 and Ethernet now standard.
- Batch printing with up to 7 printers (Prima High Output version).
- Inline Lamination options.
- Extensive choice of field upgrades.
- Auto dye film detection.

**Visit www.magicard.com for more information.**