CX-320 Retransfer Card Printer

Re Transfer printers can provide unique capabilities that simply are not available with Direct Card Printers. Unequal print quality combined with a lifetime print head warranty and versatile and productive output levels provide the highest satisfaction levels with Australia's largest corporate and government entities

The ultra-fast CX-320 is designed to personalise high quality, edge to edge, full-colour magnetic stripe, contact, and contactless smart cards manufactured from PVC and a range of other different materials. For high security applications, this printer can be combined with the optional CL-500 in-line single or dual-sided card laminator. The unique re-transfer process ensures that even uneven card surfaces can be printed without a blemish.

Reduced cost of ownership

Due to the superior print process there is a very low wastage factor in card production. This is particularly important when printing to expensive smart cards that often are imperfect cards which will cause problems in traditional direct to card printing. There is no need to factor in the cost of a replacement print head due to the unique printing process and a one year print head warranty.

Enhanced Print Quality

Cards produced on a re-transfer printer are vibrant with accurate colour representation.

The Latest Generation of High Speed Plastic Card Printing

- **true edge to edge card printing**
- **accurate colour matching**
- **prints directly to smart cards and prox cards**
- **superior quality printing**

Includes AsureID Solo™ card printing software – ideal for entry level, single sided card design and production

idw technologies

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Specifications

Key Features	■ Superior Print Quality ■ Full Bleed Edge to Edge Print ■ Glossy Photo Finishing
Printing method	Re-Transfer Dye Sublimation Process
Dual Sided or Single Sided	Dual Sided
Resolution	300dpi
Display	LCD Display
Print Speed	■ Single Full Colour (YMCKO) -29 secs ■ Lamination Speed -20 secs
Cost Per Print	■ $0.69 per card (YMCK) ■ $1.00 per card (YMCKK)
Card Range	10MIL - 30MIL (0.25 - 0.76mm)
Input Hopper Capacity	300 cards
Output Hopper Capacity	100 cards
Interface	USB 2.0 (Hi-Speed)
Print Area	Full Bleed Edge to Edge
Printer Weight	22.0kg
Printer Dimensions	W343 x D381 x H339mm
Warranty	1-year return to depot service printer warranty 1-year unlimited prints print head warranty
Safety Standards	UL, VCCi-B, FCC Class B, EN Class B
Options	■ Laminator (Single or Dual Sided) ■ Card Sense Single Feed Kit ■ Network (LAN) Operation ■ Magnetic Stripe Encoding (300/2750 oe) ■ Contactless Smart Cards ■ Contact Smart Cards

** Print speedindicates an approximate print speed and is measured from the time a card goes into the printer to the time it ejects from the printer. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, CPU, amount of RAM and the amount of available resources at the point of time

Prints diretly on smart cards and prox cards

You can print proffessional looking ID Cards onto your smart or prox cards without compromising your printers print head.

Accurate colour matching

The CX-320 produces accurate colour matching due to controlled print surfaces.

True Edge to Edge Printing

Re-Transfer printing is the leading technology in plastic card printing which enables you to produce true edge to edge printing in the highest quality available.

The Retransfer Process

The printer ribbon is available in YMCK (Yellow, Magenta, Cyan and Black Resin) and YMCKK format and is used to print all of the images on your card by mixing these colors in a Dye Sublimation process. The printer then transfers the image to the re-transfer film where it is able to accurately reproduce colour and prints an image that has an “over the edge” bleed to ensure 100% card coverage. It is this process that also ensures that the print head does not come in contact with the card, extending its life. The printer then, via a heated roller lays, the re-transfer film onto the card bonding the image to the card.

Dual Sided

1 Year Warranty

29secs/card CMYK

0.25 - 0.76mm

300DPI

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