

LARGE FORMAT
RETRANSFER
CARD PRINTER

MATICA
TECHNOLOGIES



XL8300

ID SUPPLIES
.COM.AU
Identification & Security Solutions





XL8300

LARGE FORMAT RETRANSFER CARD PRINTER

Matica's new XL8300 is an innovative retransfer card printer that specialises in printing exceptionally high quality oversized cards for the event management industry. It is capable of printing up to 128 high quality printed cards per hour and offers contactless encoding as an option.

The event management and conferencing market is a growing market that includes exhibitions, conventions, trade shows and sporting events. Events such as the Olympics, Formula One, golf, football, tennis and all other competitions are turning to the large format card printers to produce high quality oversized credentials.

The XL8300 also performs well in a corporate environment that need large format cards where access control requires immediate personal identification with the option to encode contactless cards for electronic access control.

The XL8300 can print text, logo and images in a UV ink for increased on card security and prints efficiently on a range of card materials including PVC, ABS and PET so its flexibility surpasses the market's alternative solutions.

The compact design makes the XL8300 extremely practical and a unique solution for a rising issue within the events industry. The XL8300 is therefore entering a market with limited competition and offers a unique solution to issue large format cards in full colour high quality printing based on Matica's reverse transfer card printing technology.

TECHNICAL SPECIFICATIONS

Print Method

Dye-sublimation retransfer (YMCK) / Thermal transfer (Monochrome "K")

Print Mode

Single side retransfer printing on oversized cards

Print Resolution

300 dpi

Print Speed

- Monochrome: up to 128 cards per hour
- Colour: 85 cards per hour

Warranty

3 Years Warranty and Lifetime Print Head Warranty (using EDIsecure® materials)

Card Types

PVC, ABS, PET

Card Thickness

0.25 - 1.02 mm (hopper adjustment required)

Input Hopper Capacity

100 cards (0.76 mm)

Output Hopper Capacity

100 cards (0.76 mm)

Interface

USB 2.0 and Ethernet

Operating System Support

Support Windows XP, 7, 8

Power Supply

120 V and 240 V, 50/60 Hz FCC, CE, UL, GOST-R, and CCC approved

Operating Environment

15°C to 30°C, 35% to 70% non-condensing humidity

Printer Dimensions

549 x 322 x 411 mm (WxDxH)

Weight

15,6 kg (excluding optional built-in items)

ID Supplies includes our Card Printer Service Guarantee with the XL8300 for your peace of mind.



XL8300

SPECIFICATIONS

MAIN FEATURES

Main features	<p>Single-sided XL card printer</p> <ul style="list-style-type: none"> • Special card format • Limited card coverage, only "area 1" and "area 2" <p>(see consumables description) Retransfer printing technology Over-the-edge printing Colour dye sublimation and monochrome resin thermal transfer 300 dpi (300 x 300 for Y, M, C and K panels) Memory: 16 Mbyte On-off button Graphical coloured LCD Bend remedy and duplex mechanism included for card transport purpose</p>
Printer connection	<p>USB 2.0 Ethernet TCP-IP 10BaseT, 100BaseT Internal USB Hub – 2 slave ports available for USB device connection</p>
Card hoppers	<p>Input hopper: 100 cards Output hopper: 100 cards</p>
Quality standards	<p>RoHS CE, UL, Min/max operating temperature: +15° / +30 °C Humidity: 35% to 60% non-condensing Min/max storage temperature: -15° / +55 °C Humidity: 20% to 80% non-condensing (using EDIsecure® materials)</p>
Software	<p>Driver and Printer Manager Supported OS: Windows XP SP3 (32 bits), Win 7, Win 8, Win 8.1 (32 & 64bits)</p>
Power supply	<p>Integrated power supply Input 100-240 Volts AC, 50-60 Hz, 3,5 A</p>
Size and weight	<p>L x W x H: 549 x 411 x 322 mm incl. input feeder / output hopper 15,6 kg</p>

ID Supplies includes our Card Printer Service Guarantee with the XL8300 for your peace of mind.



XL8300

SPECIFICATIONS

DETAILED SPECIFICATIONS

Printing performance

YMCK: up to 51 cards per hour when printing area 1 and area 2 as per card format below

Warranty

Printer: 36 months or 100,000 prints (whichever comes first)
Printhead: unlimited (subject to cleaning cycle and operating environment conditions observance)

CONSUMABLES

Card specifications

XL special card format: 85.6 x 124 / 140 mm
Card flatness should be tested individually with original material
Card thickness: 0.76 mm (30 mil)
Card types: PVC and composite PVC, PET-G, PC, ABS
Note: No CR80 materials possible

Ribbon types

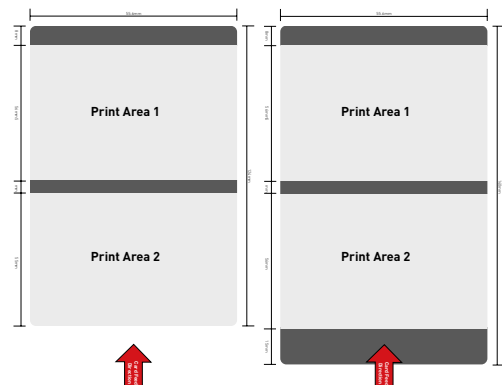
Automatic recognition by RFID tag
Ribbons and transfer films (ART series)

- Transfer film: 1,000 prints
- YMCK: 1,000 prints
- YMCKUV: 750 prints (only print area 1 possible)
- YMCKPO: 750 prints
- YMCKK: 750 prints
- Monochrome "K" (Carbon Black)

Card design format

Option 1 (124x85.6mm)
Print Area 1
Size: 85.6x56mm
Position: 8mm from top
Print Area 2
Size: 85.6x55mm
Position: 69mm from top

Option 2 (140x85.6mm)
Print Area 1
Size: 85.6x56mm
Position: 8mm from top
Print Area 2
Size: 85.6x56mm
Position: 69mm from top



ID Supplies includes our Card Printer Service Guarantee with the XL8300 for your peace of mind.