

ID CARD PRINTER



Duplo



Second Generation

THE BEST LOW COST SOLUTION FOR YOUR CARD PRINTING REQUIREMENTS

DUPLO is the newest dual-sided card printer on the market. Absolutely versatile, DUPLO is available in three models: Mag, Smart and RFID Mifare. All these encoding techniques are combinable, allowing you to customize your production of sophisticated cards in a single pass.

In addition to its 100-cards feeder box, its optional manual card feeder instantly turns DUPLO into a front-desk instant issuing personalization system.

Target Markets

*Universities & Schools, Healthcare, Loyalty Programs,
Retailers, Conferences & Trade Shows, Transportation*



PLUG & PLAY

Extremely simple to use, the DUPLO enables you to print photos, texts, logos, barcodes, signatures or any other digitised graphics very quickly, through the benefits of the latest electronics, data processing and mechanical technologies. Put the printer in place, connect the cables, install the MatiCard® Software that is provided as standard, and with a simple click you are ready to print your cards in full colour without any further adjustment.

INGENIOUS AND INNOVATIVE

The DUPLO's clever opening system allows you to change consumables in a few seconds. Located on the cover, the print head can be removed and reinstalled by a simple "push/turn" action without the need for tools or further adjustments. An innovative adjustments mechanism, directly integrated to the card feeder cage, allows the DUPLO printer to accept card thickness from 0.25mm (10mil) to 1mm (40mil) by simply moving a lever up and down.

To guarantee perfect print quality, the DUPLO is equipped with the CardClean system, an innovative card cleaning process, which ensures perfectly finished cards, card after card.

HIGH QUALITY

The thermal transfer and sublimation print technologies of the DUPLO enable outstanding full colour photograph and graphic printing on plastic cards. Moreover, the DUPLO prints in monochromatic text, bar-codes and graphic-designs at near production speeds. Many colour ribbons are available, as well as scratch-off and holographic overlays.

OTHER PRINTER MODELS

Duplo Mag

Printer with HICO/LOCO Magnetic Stripe Encoder – ISO 7811 or JIS2

Duplo Smart

Printer with Smart Card Contact Station- ISO 7816-2
Printer with Smart Card Contact Station and EMV 2000 coupler

Duplo RFID Mifare

Printer with Contactless Smart Card coupler – ISO 14443 – ISO 15693 (other standards upon request)

ALL THESE TECHNIQUES ARE COMBINABLE.

2 YEARS WARRANTY

The printer, just like the print head, has a two-year warranty*.

* Warranty valid only with use of Matica approved consumables & accessories

Technical Features

Features:

- Dual-sided printing
- Clamshell Opening System
- User friendly detachable Card Feeder
- Reject Card Box
- Advanced Cleaning Roller System
- Integrated Ribbon Save

Printing Method:

- colour dye sublimation and monochrome thermal transfer
- edge-to-edge printing standard

Printing Speed:

- 150 cards/hour in full colour (YMCKO), one side
- 125 cards/hour in full colour (YMCKO/K), 2 sides
- Up to 1000 cards/hour in monochrome, one side
- Up to 350 cards/hour in monochrome, 2 sides

Resolution:

- 300 dpi (11.8 dots/mm)

Card Types:

- All PVC, Composite PVC, PET, ABS and special varnished cards
- Standard Card Format: ISO CR-80; ISO 7810 (86 mm x 54 mm)

Card Thickness:

- from 0.25 mm (10mil) to 1 mm (40mil)

Card Feeder Capacity:

- 100 cards (0.76 mm- 30mil)

Card Output Hopper Capacity:

- 100 cards (0.76 mm- 30mil)

Reject Card Box Capacity:

- 25 cards (0.76 mm- 30mil)

Card Loading Modes:

- Automatic with feeder or front hand-feed

Ribbon Types:

- Monochrome: 1000 cards/roll
- Monochrome colours: Black, Blue, Red, Green, White, Gold, Silver and Scratch Off: 1000 cards/roll
- BlackWAX monochrome ribbon (for ABS and special varnished cards): 1000 cards/roll
- 2 Panel black monochrome ribbon (KO): 500 cards/roll
- 5 Panel colour ribbon (YMCKO): 200 cards/roll
- Half-Panel colour ribbon (½YMCKO): 400 cards/roll
- 6 Panel colour ribbon (YMCKO/K): 200 cards/roll
- Hologram ribbon: 350 cards/roll

Printer Dimensions:

- Height: 235 mm
- Width: 237 mm
- Depth: 447 mm

Printer Weight:

7.4 Kg

Power Supply:

110~230 Volts AC, 50~60 Hertz

Communication Interface:

- USB and parallel Centronics ports (cables supplied)

Software:

- MatiCard® Card design software for Windows® 2K/XP
- Printer driver for Windows® 2K/XP

Options:

- Serial Port
- Manual Card Feeder
- 100-card Additional Feeder
- Cleaning Kits

Environmental:

- Min/max operating temperatures: 15°C / 30° C
- Humidity: 20% to 65% non-condensing
- Min/max storage temperatures: -5° C/ +70° C
- Storage humidity: 20% to 70% non-condensing

Ventilation:

free air

Warranty:

- Printer: 2 years*
- Print head: 2 years, unlimited number of prints*