# evolis

Identify what matters

# QUANTUM

## Product Presentation
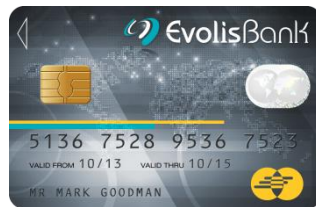
**February 2022**

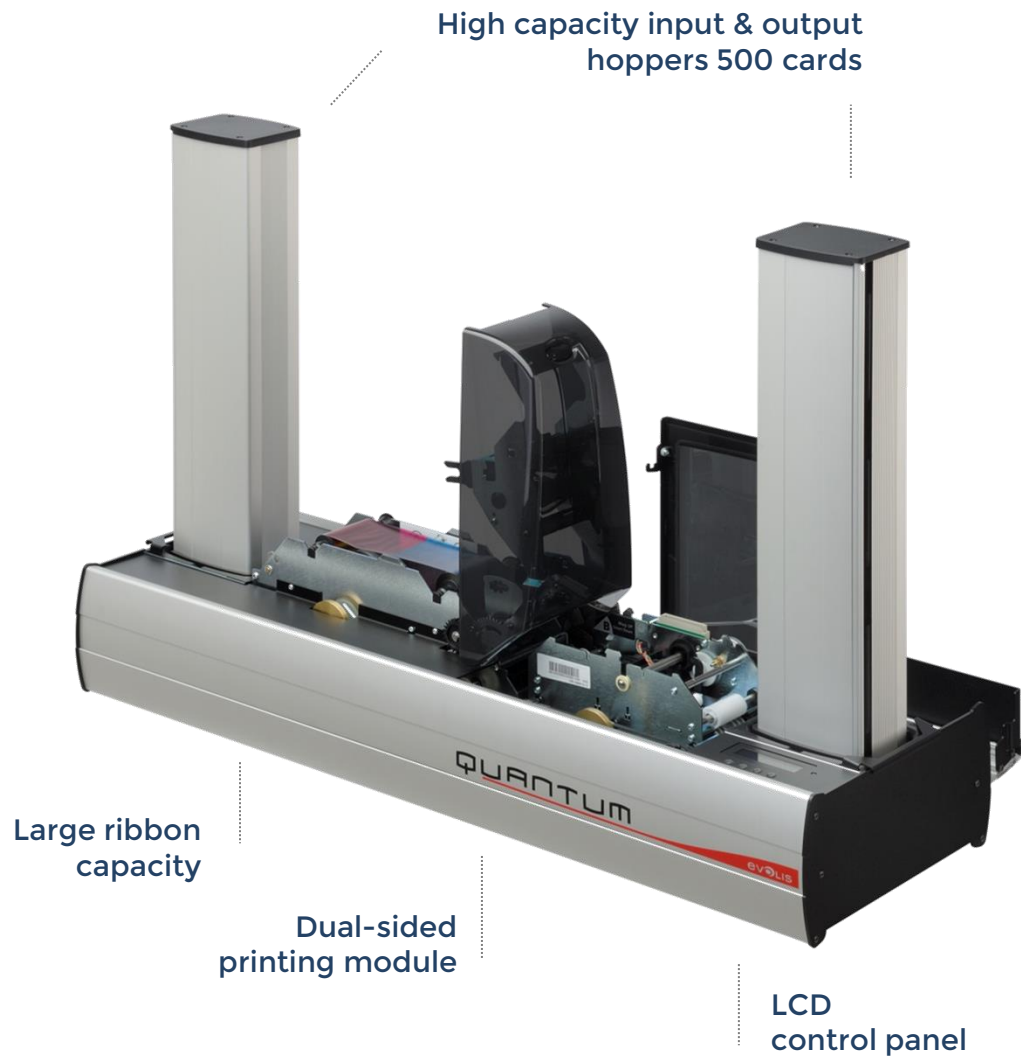# QUANTUM

## The centralized card production system

QUANTUM

**The feel of a desktop printer with the power of an industrial printer for centralized production of plastic cards in large quantities.**

# QUANTUM

## Product Overview



High capacity input & output hoppers 500 cards

Large ribbon capacity

Dual-sided printing module

LCD control panel

Ergonomic and wide opening systems with doors for an easy and quick card loading

Reversible upper and lower encoding units for magnetic stripes and contact smart cards

Detachable and interchangeable input and output hoppers

# QUANTUM

## Product features

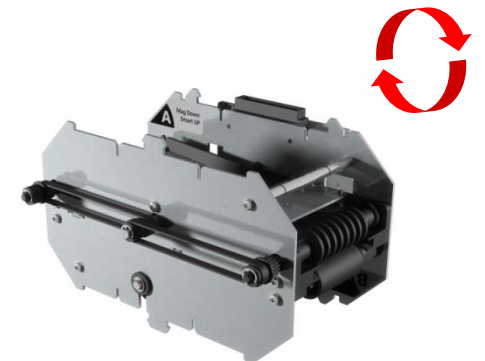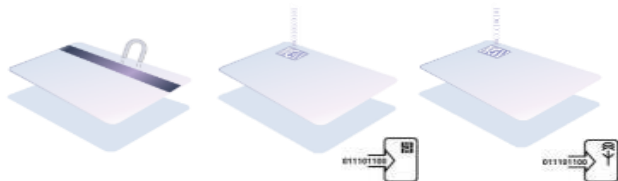| | |
|---|---|
| **FEEDING CAPACITY** | 500 cards |
| **OUTPUT CAPACITY** | 500 cards |
| **PRINTING** | Dual Side |
| **PRINTING SPEED** | 150 cards/hour in color<br>1000 cards/hour in monochrome |
| **DRIVERS** | Compatible Windows/Mac/Linux |
| **SOFTWARE** | cardPresso XXS Edition |
| **ENCODING OPTIONS** | Mag / Smart Contact and Contactless |
| **CONNECTIONS** | USB & Ethernet |
| **COLORS** | Aluminum body, black plastic covers |
| **WARRANTY** | 1-year warranty - Limited to 500K insertions |
| **SIZE - WEIGHT** | 567x300x850 mm,  18.3 kg |
| **SECURITY FEATURES** | Central locking system  (optional) |
| **DISPLAY** | 2-line LCD display<br>Status LED for printer and encoding unit monitoring |

# QUANTUM, A UNIQUE REVERSIBLE ENCODING MODULE

## MAIN CONCEPTS

- A unit dedicated to encoding, apart from the printing module
- Delivered as standard with a mag encoder, a smart contact station and a contactless antenna bracket
- Reversible for mag & smart applications: top & bottom encoding in order to avoid flipping the card and save time
- Upgradable on-site: plug your own coupler thanks to the electronic board & mounting area accessible to the operator.

## A LARGE CHOICE OF COMBINED ENCODING OPTIONS

- Mag : ISO 3-track - HICO/LOCO, JIS2
- Smart contact: Gemalto GemPC
- Smart contactless: Springcard Crazy Writer HSP
- Dual Smart contact/contactless: Omnikey Cardman 5121, Evolis Elyctis

## SPECIFIC ENCODING OPTION INTEGRATION ON DEMAND

# EVOLIS HIGH TRUST®

## Quality and user-friendliness

### HIGH CAPACITY RIBBONS FOR A FULL AUTONOMY

- YMCKO and YMCKO-K - 500 prints / roll
- KO - 500 prints / roll
- Monochrome Black - 3000 prints / roll

### CLEANING MATERIALS FOR OPTIMAL GLOBAL PERFORMANCE

- Guarantee a perfect printing quality
- Optimize the card feeding and transport
- Decrease the constraints for the user
- Advanced cleaning cycles minimizing technical support and RMA

Printer warranty is related to maintenance of printer and respect of cleaning cycles

Cleaning kits

*For transport rollers, print head and cleaning rollers*

# MAIN BENEFITS AND KEY SELLING POINTS

**INCREASED PRODUCTIVITY**
- More than 1000 cards per hour in monochrome
- More than 150 cards per hour in color
- Cards encoded and printed in a single pass thanks to the reversible encoding module
- A full autonomy of 500 cards

**ENHANCED VERSATILITY**
- Printer can be personalized on-site, directly by the user (i.e. reversible encoding unit)
- Features can be adjusted in order to manage multiple and evolutive needs:
  - Single or dual sided printing
  - Diverse encoding modules
  - Printing options and plastic card types

**ECONOMIC SOLUTION**
- Very economical alternative to industrial card printers
- Control your costs and produce cards yourself without having to go to an outside provider
- Lasting investment thanks to a metal frame and high quality components

**FULLY USER-ORIENTED**
- Designed to simplify and speed up every day operation and maintenance :
  - Ergonomic and wide opening systems allow loading cards and ribbons easily,
  - Check the card level at a glance,
  - LCD display,
  - Cards are sorted out in the order of printing

**PEACE OF MIND GUARANTED**
- Standard warranty covering 500 000 insertions
- Warranty extensions available (up to 4 years)

# QUANTUM VS COMPETITION

| PRINTER LINE | CONNECTIVITY | PRINTING | FEEDER/ HOOPER CAPACITY NB OF CARDS | SPEED CARDS/HOUR* | DIMENSION WEIGHT | WARRANTY |
|---|---|---|---|---|---|---|
| **Quantum** Evolis | USB + Ethernet | Dual-sided | 500/500 | 150 color 1000 mono | 567*300*850mm 18,3kg | 1 year or 500K insertions |
| **ImageMaster** NBS | USB + Ethernet | Dual-sided | 500/500 | 4000 mono | 407*610*585mm 31,8kg | 1 year |
| **ZXP7** Zebra | USB + Ethernet | Dual-sided | 200/200 | 300 color 1375 mono | 306*699*277mm 12,2kg | 2 years |
| **N-geeN** Isolane | USB | Dual-sided | 1000/1000 | 140 color 1200 mono | NC | NC |

*Maximum speed on  single side color printing (YMCKO)        NC = Not Communicated*

# PROVEN EXPERTISE AND QUALITY

## GOVERNMENTS & ADMINISTRATIONS
- Official ID - Philippines
- Temporary resident card - Iran
- Student card - Ivory Coast

## RETAIL
- Authenticity card - Rado, Switzerland
- Loyalty card - EKT, Estonia
- Authenticity card - Prada Spa, Italy
- Loyalty card – Acti-Market, France

## TRANSPORT
- Transit pass - Citypass Limited, Israel
- Transit pass - SRWT, Belgium
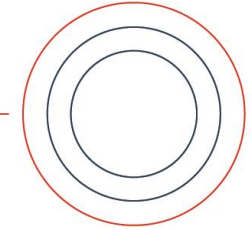- Transit pass - Izmir Tranport, Turkey

## FINANCE
- Payment card - Iran
- Payment card - Uzbekistan

## HOSPITALITY & LEASURE
- Seasonal pass - Manchester City Football Club, UK

# Thank you for your attention

# INTERHA
## IDENTIFICATION IS EVERYTHING

evolis
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