

# DILETTA

## Passport Workstation One

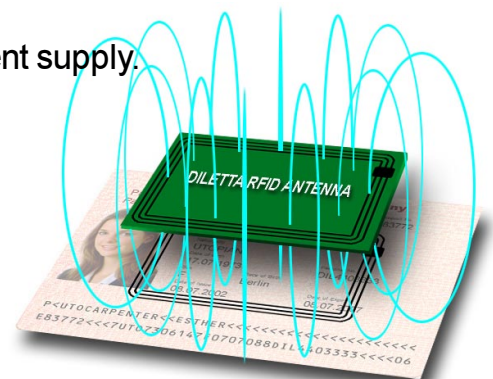
### *Automated Passport Solution Inline ePassport Personalization System*



- ✓ Central power switch for all devices.  
No need to switch ON/OFF every single device.
- ✓ Forensic identical with stand alone printers installed for example in embassies or small passport issuance centers, because of same ink and print head technology.
- ✓ Easy access to consumables.



- ✓ User replaceable print heads
- ✓ Special versions for passports with sewn-in foils or foils on supply roll
- ✓ No requirement of compressed air or three-phase current supply.  
Full range power supply: 100 - 240 VAC, 50 / 60 Hz
- ✓ Delivers up to 120 passports per hour.  
Output may lower depending on chip encoding time, usage of HQ print mode or laminating speed.
- ✓ Multitasking / Multithreading software controlling all functions of the inline system (optional)



# DILETTA Inline Passport Personalization System

## Specifications / Options

### **Passport Feeder Unit**

for up to 27 pcs. opened passport booklets. (More passports on request)

### **Barcode Recognition Unit**

for reading of pre-printed passport serial number as barcode.

### **OCR Recognition Unit**

for reading of pre-printed passport serial number as OCR-font.  
The unit will read OCR-A, OCR-B, MICR E-13B, and SEMI Font.

### **RFID Encoding Unit**

for reading of chip serial number and writing of biometric data into contactless chip.

### **Inkjet Printer Unit**

Four colour inkjet printing unit for imprint of ICAO compliant data page or any other page.

Equipped with visible security colour, single ink tanks:  
Black (66 ml), Yellow (28 ml), Magenta (28 ml), Cyan (28 ml).

Two print heads: (Black / Yellow) and (Cyan / Magenta)



### **Inkjet Printer UV-Colour Unit**

Four colour inkjet printing unit for imprint of invisible UV full colour images or data.

Equipped with invisible security colour, single ink tanks

### **Integrated MRZ Reader (optional for Inkjet Printer Unit)**

to check the printed machine readable lines after print process.

### **Laser Engraver Unit**

for high quality laser engraving of polycarbonate page or other.

### **Lamination Unit (Type A)**

for passports without stitch-in lamination foil. The security laminate comes on a supply roll.

### **Lamination Unit (Type B)**

for passports with stitch-in lamination foil.

### **Lamination Unit (Type C) - with integrated RFID Reader**

for passports with stitch-in lamination foil. Reads contactless chip content to ensure no damage after lamination process.

### **Passport Stacker (optional for Lamination Unit Type B & C)**

Stacks finished (closed) passports in an exchangeable container

### **Signal Tower**

The LED signal tower provides a visual signal of status change on the machine or in a process. In emergency situations it provides a clear optical warning.



### **Table Legs**

or

### **Base Cabinet**

with lockable doors at front side

SDKs (Software Development Kits) for each device for administration, setup and control.  
All devices connected via USB port to the PC system.