

DILETTA RL120

Passport Laminating System for Ultra-Thin Security Foil on Supply Roll

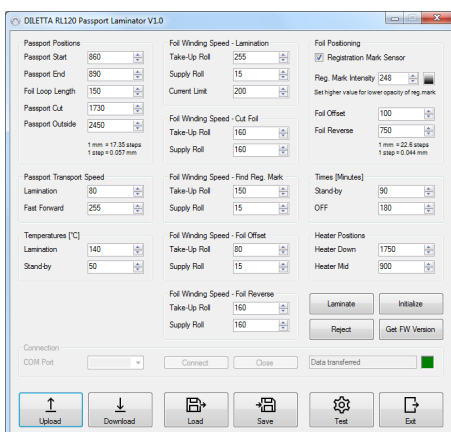


Security foil on supply roll

The laminate comes on a supply roll suitable for the DILETTA passport laminators. During the lamination, a thin polyester film deposits an ultra-thin tamper-evident coating on the passport page. The coating is available with different features with registered images and non-registered repeating images / features (wallpaper)

Full control of all settings and status

The RL120 laminator comes with a software tool to adjust all parameters, like: Temperature, laminating speed, positions and sensors.



Features

Various Foil Types

Reel-to-reel overlay foil lamination - for registered or wallpaper overlay film and overlay patches

Alignment of Laminate

by printed or by holographic (optional) registration mark

Easy Foil Handling

Quick release clamping system for plastic and cardboard core of laminate and take-up roll.

Throughput

up to 400 passports / hour ^{1) 2)}

Electronic Locked Cover

for protection of foil against theft

Triple Thermal Protection

against over-heating

Full Metal Housing

for highest durability

USB interface

for communication and configuration

In-field firmware update

via USB interface

Different versions

... for automatic and manual operation
... for left and right uncoiling laminates



Full Range Power Supply

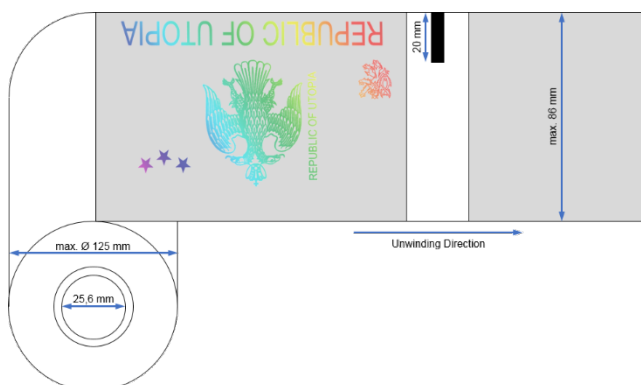
from 100 - 240 VAC, 50 / 60 Hz

Silent

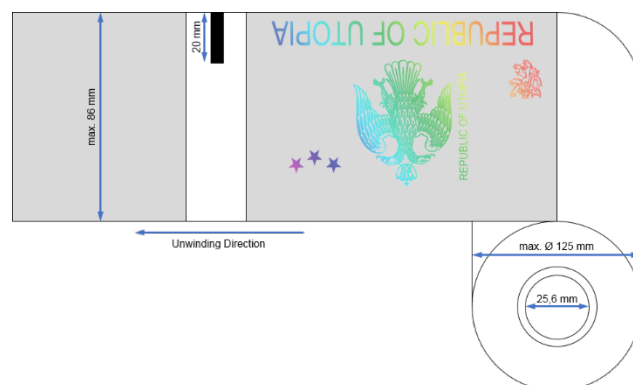
No noise emission during stand-by and extremely silent during lamination

Passport Laminator for Ultra-Thin Security Foil on Supply Roll

Version Left-to-Right Uncoiling Laminates



Version Right-to-left Uncoiling Laminates



Available foil features

Hologram or Kinegram®, wallpaper or registered

Optically Variable Devise Features

Micro and nano printing; fine line printing, incl. guilloche or fine line background patterns; hidden imagery, viewable with laser pen; Scrambled Indicia; partial demetalized imagery

Optically Variable Inks

Invisible UV inks; color shifting inks; OVD inks; water soluble inks; polarized color shifting inks; energy converting inks; Advantage color shifting orange to green or transparent.

and many more ...

Please contact our sales team or your local distributor for detailed information.

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RL120 is a trademark of DILETTA Maschinentchnik GmbH, Germany

Kinegram is a registered trademark of OVD Kinegram AG, Switzerland

Technical Specification

Lamination

Temperature Range up to 190 °C (374 °F)
Laminating Speed ^{1&2)} 7 - 30 sec. per passport
Heat up time (160°C) approx. 120 sec.

Foils

Width max. 86 mm
Reel diameter: max. 125 mm

Media

Machine Readable Passports yes
Passports bigger than ICAO passports on request

Interfaces

USB 2.0 yes

Dimensions

Width x Depth x Height 350 x 260 x 360 mm³
Weight approx. 20 kg

Power

Source 100 - 240 V, 50 / 60 Hz
Consumption max. 360 W
Heat Lamp max. 300 W

Operating Environment

Temperature Range 5 to 35°C (41 to 95°F)
Humidity 10 to 90% RH with no cond.

- 1) Lamination time depends on activation time of hot adhesive
- 2) Depending on version of heater may longer.

DILETTA ID-SYSTEMS

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