

Hologram Applicator DC-1605

The Dimuken DC-1605 Hologram Applicator model has been developed for stamping holograms on synthetic laminates such as polycarbonate used in the production of ID Cards, Passports, and licenses.

With increased impression strength, and variable dwell time the Dimuken DC-1605 ensures quality foiling onto problematic laminate materials used in the manufacture of plastic cards.

The DC-1605 Hologram Applicator is supplied with three foiling heads, each fitted with independently controlled foil feed and registration systems. The position of the foiling heads can be freely adjusted across the width of the machine, with the ability to set them at 90mm apart to match the most common layout requirement for the application of holograms on sheets of polycarbonate used in the production of plastic cards.



*Hot Stamping of Holograms,
Optically Variable Devices (OVD's)
and Kinograms*

DC-1605 Features

- *Powerful impression strength ensuring perfect foiling results especially suited for synthetic substrates such as polycarbonate
- *Heated foiling heads can be individually adjusted for temperature & position with precision
- *Tooling head design allows instant and convenient access to the foiling heads
- *Independent stream foil registration system allowing the simultaneous running of separate foil feeds, each fitted with on the run digitally controlled fine registration adjustment
- *Individual foil unwind and rewind stations for positive foil feeds with electronic foil release system to separate the foil from the substrate
- *Regular and irregular impression draw lengths easily programmed via an operator friendly Touch Panel Display Screen
- *Various sheet fed stream feeder and stacker units available to suit requirements

✓ **DOCUMENT
SECURITY**

DIMUKEN
Hologram Security
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Specifications

Sheet Fed Configuration:
(requires stream feeder & stacker units)
Max sheet width: 520mm
Max sheet length: 720mm
Min sheet size width: 210mm (A4)
Min sheet length: 279mm (A4)
Number of Hologram heads across the sheet: 3
Minimum micron PC: 80 micron
Maximum micron PC: 150 micron
Min Hologram spacing 90mm across the sheet

Environmental Requirements:
Room temperature: 20c ~ 25c
Humidity: 60%
Power supply: 200v ~ 240v 1 phase, 50/60Hz
Air supply is required

*Performance dependent on job configuration and materials used

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The Dimuken DC-1605 Hologram Applicator model is designed for the application of registered Hologram images on polycarbonate and teslin laminates used in the production of plastic cards

- ✓ **Visual Hologram security
for laminated ID Cards,
Passports & Licenses**



**DIMUKEN PROVEN TECHNOLOGY
FOR BRAND PROTECTION AND
ANTI-COUNTERFEITING**