

Hologram Applicator DC-1603

The Dimuken DC-1603 Hologram Applicator model has been designed with versatility in mind and can be configured to run either sheet fed materials, or continuous web feed stock. Each foiling station can be supplied with either one or two foiling heads, each fitted with independently controlled foil feed and registration systems.

Three Versatile Operation Modes:

Sheet Fed Configuration

When fitted with the optional Sheet Fed stream feeder and stacker units the substrate material is delivered to the foiling station via a vacuum transport belt which accurately feeds the material in preprogrammed steps to the foiling head where the image is accurately stamped in the required location.



Pinfeed Drive Unit

When fitted with the optional Pin Feed unit a continuous sprocket hole driven pin fed web can be run through the machine in preprogrammed steps via tractor pin feeds.

Pinless Drive Unit

When fitted with the optional Pinless Drive unit a continuous web (with no sprocket holes) can be run in print mark mode, the web is accurately fed by nip rollers to the correct location for applying the hologram using a registration mark printed on the web.



✓ DOCUMENT SECURITY

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The Dimuken DC-1603 Hologram Applicator model is designed for the application of registered Hologram and Kinegram images on documents requiring high security anti counterfeit measures.

- ✓ **Passports, ID cards, Visas, Certificates, Cheques, Bank Drafts, Event & Travel Tickets, Gift Vouchers, Product & Brand Labels, Scratch Cards.**



DC-1603 Features

- *Fine impression control ensures perfect foiling results on any material substrate
- *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 allows simultaneous running of separate foil feeds
- *Individual foil unwind and rewind stations for positive foil feeds
- *Electronic foil release system to separate the foil from the substrate
- *Regular and irregular impression draw lengths programmed via an operator friendly Touch Panel Display Screen
- * Optional Sheet Fed stream feeder and stacker units
- * Optional Tractor Pin Feed system for continuous web feed work
- * Optional Print Mark system for pinless continuous web work

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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: 2
Paper range: 70 ~ 500 gr/m2
Hologram positional tolerance: +/- 0.2mm
Max individual stamped image with 2 up: 34 x 34mm (1156mm2)
Max speed: 24,000 images/hour (6 images/sheet)
Weight: 880kg

Continuous Feed Configuration:
(requires pin feed or pinless drive unit)
Max web width: 22" / 520mm
Min web width: 4" / 100mm
Min draw length: 1/72" / 0.33mm
Max draw length: 24" / 610mm
Max speed foiling: 15,000 impressions/hour
Weight: 320kg

Environmental Requirements:
Room temperature: 20c ~ 25c
Humidity: 60%
Power supply: 200v ~ 240v 1 phase, 50/60Hz
Air supply: not required

*Performance dependent on job configuration and materials used

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

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