DIMUKEN

Holostripe Applicator
DC9745

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Holographic Stripe Foiling

Magnetic Tape

Fully metallised and/or partially demetallised holographic stripes, conventional foil stripes, magnetic tape (with optional pancake feed system).

The Holostripe Applicator is designed to apply holographic or conventional foil stripes, or magnetic tape to documents requiring high security such as banknotes, banderols, event and travel tickets, permits, tax labels, vouchers, warranty certificates etc. The addition of holographic security is becoming more imperative to avoid illegal reproduction or tampering with the document. The application of foils also enhances the product to give greater value and visual impact.

Operating Principle

The Holostripe Applicator can be run by itself as a pack to pack unit at reduced speed but it has been principally designed to run at high speed in conjunction with other Dimuken models such as the DC 8406 Unwind and DC 8407 Rewind for roll to roll application or the DC 8406 Unwind and DC 8921G Spiral Folder for roll to fold application. The paper web is fed through the machine together with the appropriate number of foil streams running from foil bobbins, and guided between a heated cylinder and adjustable impression rollers. The foiled paper web exits the machine either to a pack, rewind, or folder and the waste foil carrier is bobbin rewound for security and ease of disposal.
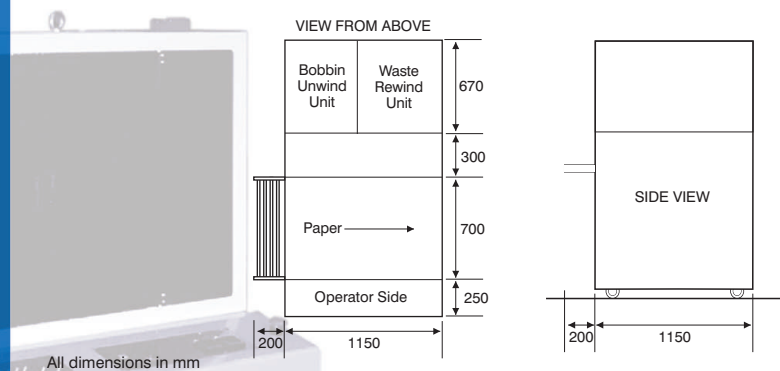
Basic Configuration

8 bobbin unwinds with simple independent tension control for each bobbin, infeed foil guides, foil break sensors, foil pre-heat bar, electrically heated cylinder with programmable temperature control, facility to remove standard smooth faced cylinder and replace with castellated cylinder for thermal papers, individually adjustable impression rollers for each foil stream, rollers adjustable for variable foil positions across the web, auto lift off mechanism for roller assembly when machine stops, bobbin rewind system for waste foil carrier, facility to forward foil independently from paper.

Options

■ Special Cassettes to run magnetic tape pancakes.

■ Heated castellated cylinder to run foil or magnetic tape on thermal papers.

Specification

Max paper web width	520mm
Min paper web width	102mm
Max number of foil streams	8 (optional 10 stream model)
Min width of foil	5.65mm
Max width of foil	16mm
Max diameter of foil bobbin	160mm
Max width of foil bobbin core	90mm
Min distance between foil stripes	38.1mm
Max speed foiling in roll to roll configuration	60m/min
Paper Weight	70gms/m ~ 150gms/m
Power supply	380v-415v 3 Phase
Weight	800kg

VIEW FROM ABOVE

Bobbin Unwind Unit | Waste Rewind Unit — 670
300
Paper → 700
Operator Side — 250
200 | 1150

SIDE VIEW
200 | 1150

All dimensions in mm

Technical Features

Like most modules in the Dimuken range the Holostripe Applicator is designed to run as a "stand alone" unit or in conjunction with other units. Simplicity of foil and paper web paths reduces make-ready time to a minimum. Micro processor controls have been incorporated to maximise reliability and ease of operation. Heavy duty caster wheels allow the unit to be re-sited to suit production requirements. Sturdy construction provides on-going reliability.

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Specialist Security Print & Paper Processing Machinery

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