

Patch  
Application  
and  
Kiss  
Cutting



Integral Labels

Membership  
Cards

Permits

Window  
Stickers

The Dimuken DC-9537 Patch Applicator model has been designed to create integral labels, reinforced membership cards, permits and window stickers from within the form itself.

The DC-9537 Patch Applicator applies an accurately registered patch of silicone label backing paper with self adhesive film to the rear side of the form, which can then be kiss die cut on the Dimuken Patch Cutter to create integral peel off labels.

Alternatively the DC-9537 Patch Applicator can be used to apply a patch of clear self adhesive laminate or film with accurate register to the face and reverse of the form to produce integral peel off reinforced membership cards, loyalty cards, car window tax discs or other similar products.

# Operating Principle

The operating principle of the Patch Applicator is a knife cylinder which cuts a patch of backing paper or laminate film against a vacuum cylinder which then transfers the cut patch on to the paper web in register. Once the patch has been applied to the form the web is then fed into the Patch Cutter unit which completes the job by kiss cutting the peel off section.

This method of production allows the form with its integrated peel off section to be printed in one pass thus eliminating the time and cost required to produce labels, cards or window stickers separately and then having to affix them to the carrier form. An additional benefit is that any relevant security data printed on both the form and the peel off section can not become mixed up in production. These compact free standing units are suitable for short, medium and long run jobs. Quick to set up and operate with negligible wastage.

# Usage

- Documents such as invoices with integral return address labels
- Forms with integrated peel off numbered or bar coded labels for use on hospital, shipment or production documents
- Pop out membership & loyalty cards
- Car park or tax disc window stickers
- Tamper proof self sealing ID Cards, Tags and Labels
- Specialised Security Products

# Basic Configuration

## Patch Applicator

- Powder Brake system fitted to film unwind shaft to control feed tension
- Torque limiter system is used on the carrier film rewind shaft
- Optional Change Size Cassettes for different form lengths
- Laminating film length is adjusted by change size gears
- Film is cut by rotary cutting cylinder fitted with a replaceable cutting knife
- Detachable Delivery Table

## Patch Cutter

- Magnetic rotary cylinder half die cutting action to give accurate cutting depths
- Uses flexible anvil cutting dies
- Auto start system using web feed sensor for running in tandem with other offline finishing machines
- Delivery table can be detached from Patch Applicator and used on Patch Cutter when the two machines are run in tandem with each other

# Specification

Max. Web Width	430mm
Min. Web Width	200mm
Maximum Speed	10,000 forms/hour on a 12" cassette, 11,000 forms/hour on a 8 1/2" cassette*
Form Depth	Variable with change size cassettes (one size included with machine)
Max Laminate Roll Diameter	35cm

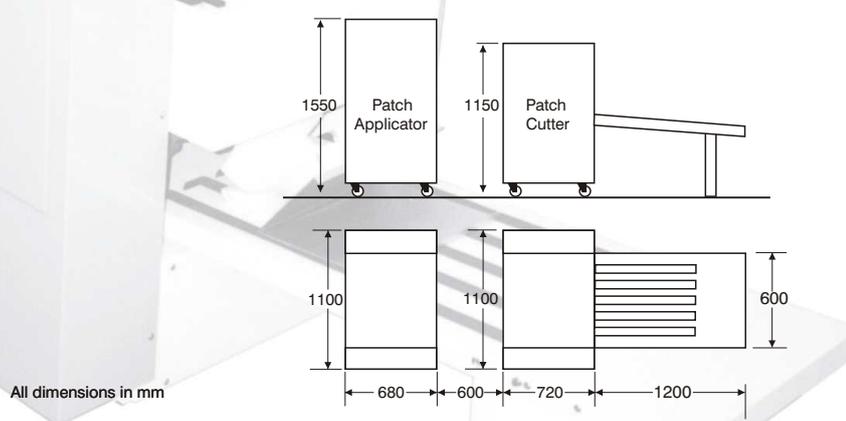
\*Actual production speeds will vary according to the kind of materials being used and cassette fitted

## Patch Applicator

Weight 470Kgs
Power Supply 380V/415V 50/60hz
Power Consumption 2KW

## Patch Cutter

Weight 480Kgs
Power Supply 380V/415V 50/60hz
Power Consumption 2KW



DIMUKEN (GB) LTD, 33 Stapledon Road,  
Orton Southgate, Peterborough, England PE2 6TD



Equipment for the  
Business Forms, Security Print  
& Label Industries

# www.dimuken.com