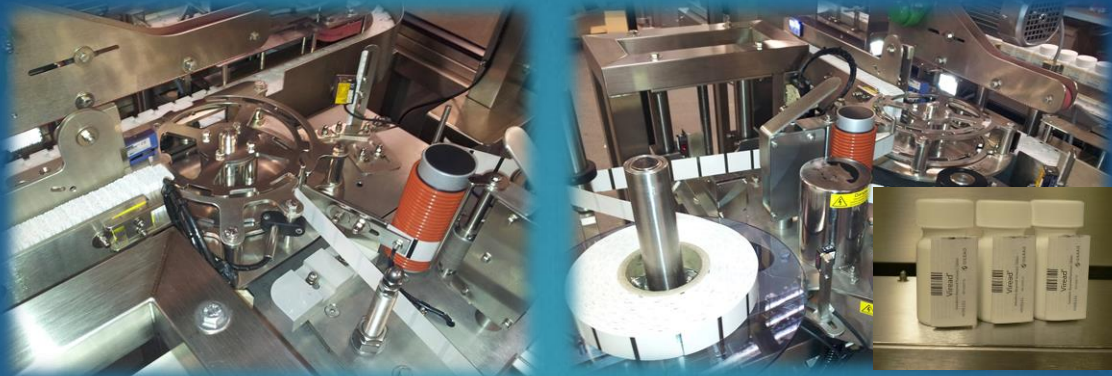




# Sovereign

## Labelling Machines Ltd

### SOVEREIGN OUTSERT LABELLER



THE SOVEREIGN MONARCH OUTSERTER SUB-UNIT IS DESIGNED TO ATTACH AN OUTSERT TO EITHER THE TOP OR SIDE OF BOTTLES. EACH STATION CONFIGURED TO ACCEPT A SPECIALLY ENGINEERED TUBE CAPABLE OF ACCOMMODATING A FULL BOX OF OUTSERTS. THE TUBES ARE PRE-LOADED WITH OUTSERTS "OFF" THE MACHINE. A FIVE POSITION STORAGE AREA IS PROVIDED ON THE OUTSIDE OF THE OUTSERT GUARD WHERE FULL TUBES ARE STORED, AWAITING LOADING ONTO THE ROTARY MAGAZINE. AT THE MOMENT OF LOADING A FLEXIBLE AND REUSABLE SEAL IS REMOVED FROM THE OUTFEED END OF THE TUBE, ALLOWING THE OUTSERT TO PROGRESS FROM THE EXIT END OF THE TUBE. THE ARRANGEMENT OF THE 10 STATION VERTICAL ROTARY MAGAZINE NOW ENSURES THAT THE OUTSERTS ARE RESTRAINED UNTIL THEY ARE INDEXED TO THE "ACTIVE" POSITION. OUTSERT LEAFLETS PROGRESS FROM THE 'ACTIVE' PACKING TUBE, DOWN A RADIAL GUIDE AND ALONG A SHORT HORIZONTAL TRACK TO A GATING STAR-WHEEL WHICH SEPARATES INDIVIDUAL OUTSERT LEAFLETS INTO RADIAL POCKETS AND CONVEYS THEM TOWARDS THE APPLICATION POINT. WHILST THE OUTSERTS ARE HELD WITHIN THE STAR-WHEEL POCKETS, OUTSERT TAPE (I.E. 3M "STRIPSTICK") IS ATTACHED TO EACH OUTSERT. THE ACTION OF THE OUTSERTS BEING CONVEYED BY THE STAR-WHEEL CAUSES THE OUTSERT TAPE TO BE DRAWN FROM THE FULL REEL AND BE ADHERED TO EACH SUCCESSIVE LEAFLET. THE OUTSERT TAPE IS PRESSED ONTO EACH OUTSERT LEAFLET BY SPRING STEEL 'DOCTOR' BLADES. IMMEDIATELY A FIRM ADHESIVE BOND HAS BEEN ACHIEVED, THE OUTSERT TAPE BACKING IS DRAWN AWAY AROUND A PEELING BLADE TO MINIMISE 'STRINGING'. WITH THE BACKING REMOVED, THE ADHESIVE LOADED OUTSERTS ARE CONVEYED INDIVIDUALLY IN THEIR RESPECTIVE STAR-WHEEL POCKET TO THE APPLICATION POINT. THE OUTSERT BACKING TAPE IS WOUND UP ON A MOTORISED SPOOL CONTROLLED BY AN 'ON DEMAND' SPRING-LOADED DANCING ARM.

[www.sovereign-labelling.co.uk](http://www.sovereign-labelling.co.uk)

# SOV Outsert Labeller



## **Outsert capacity (Standard)**

15 magazines supplied with machine.  
Each magazine (950mm long) accepts  
1 off (3' 915mm) box full of Outserts  
(qty in box varies with Outsert thickness).  
Application head accepts 10 magazine  
(5 magazine are loaded with Outserts  
off machine)

SPECIFICATION	
Outsert Sizes	Max/Min height = 80mm/60mm Max/Min Width = 40mm/25mm Max/Min thickness = 12mm/3mm
Speed	Up To 200 Products/min
Strip Stick Capacity	400mm O/D 25mm wide 76mm core Diameter
Electrical Supply	220/230V single phase 6 amps

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