

## Protect™

a contactless machine login / audit trail system

The **Protect** Security System provides each authorised user tailored access depending on security requirements.

Different levels of authorisation can be set for individual personnel.

The system keeps a log of information input for full traceability in the event of any problems, and any attempt to log in above a person's level of authorisation will also be registered and recorded.

### Benefits of Proseal **Protect** system

- Prevents unauthorised access to the machine setting
- Can be operated with non-contact access card
- Can be managed at the machine by the administrator and the access levels can be created for new users or amend existing ones
- Can record access attempts by unauthorised users
- Can perform audit functions and on a user by user basis and monitor changes
- Can be used to create a digital archive of data on a user by user basis i.e. gas checking and database management of recordings
- Can export all data to other computer systems



## Promotion™

a continuous motion tray infeed system

In the constant drive to improve machine speeds and product handling Proseal has developed **Promotion**.

This newly developed system can increase production speed by 25% at the same time reducing machine duty by 20%.

In principal, **Promotion** allows food trays to be continuously fed into the machine without having to pre-sort or adjust pack spacing.

Following motion technology ensures that product flow is unhindered and provides the ultimate platform for smooth operation.

### Benefits of **Promotion**

- Increased production speed
- Improved product handling
- In-time motion allowing calm machine operations
- Standard on all the GTe/GTs machines

STANDARD ON ALL  
**GTe/GTs**

## e-seal®

high force electric heat seal

In the constant drive to reduce power consumption, Proseal have developed a revolutionary high performance, high precision, high force electrical delivery system that dramatically reduces the air consumption normally associated with high speed tray sealing machinery.

### The NEW **Eseal**® System

A Proseal machine fitted with the **Eseal**® high force electric heat seal system benefits from an increase of seal force of 200%, but consumes only 8% of the air of a machine fit with an equivalent standard pneumatic cylinder.

### Benefits of the NEW **Eseal**® System

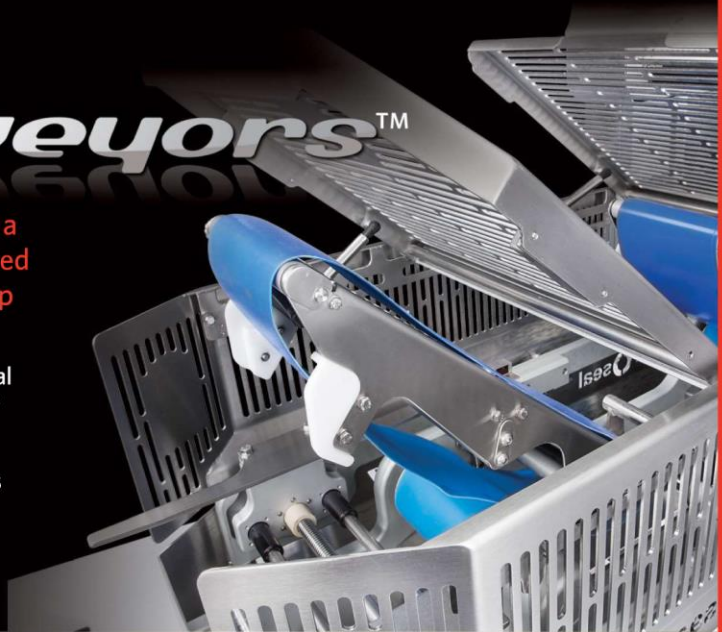
- Significantly reduces machine air consumption
- Improves seal quality as the seal force is increased by up to 200%
- Gives the potential to increase machine productivity through a reduced seal time
- Can be specified on all new Proseal GT series tray sealing machinery
- Improves MAP processes through ensuring accurate gas flush positioning
- Can potentially reduce gas flush cycle times

# QR conveyors™

A quick release conveyor system aided by a mechanical latch that facilitates rapid infeed conveyor removal for hygiene when a 'deep clean' is required.

During maintenance this feature allows the removal process to be completed in the shortest amount of time to minimise downtime.

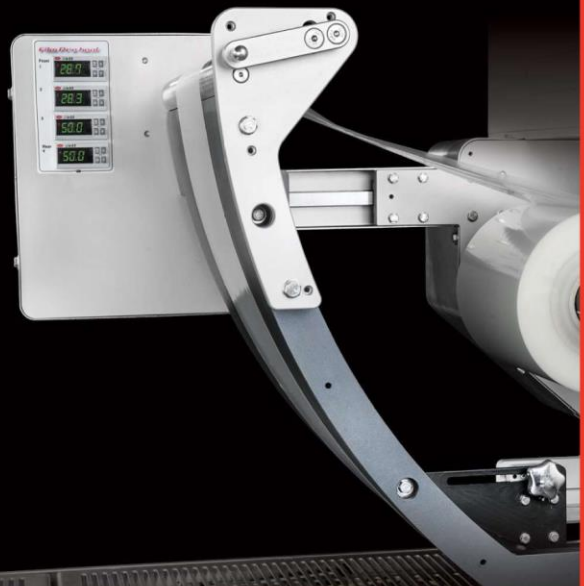
The QR Conveyors are complete with an ingenious 'pop in' feature for speed of replacement thereby making the removal and replacement process complete in less than two minutes.



# heatwave™

A pre heat system for skin pack film that is contoured to our unique and simplified film routing system.

Heatwave in essence exposes static, and 'in motion' film, to heat energy without hindering film feed operations thereby pre-warming the top film to increase cycle times in an efficient and effective manner.



# hotrod™

high efficiency tool heating system



Due to the demands on precious production time - and the trends towards lower seal times and the use of smooth wall foil trays - heat delivery systems have to be working at their optimum levels.

In order to be able to satisfy these requirements we have developed a 'high efficiency' tool heating system that provides the following benefits:

**Extended life** Due to the nature of the robust construction principles of the system we believe that its life will be at least double that of existing heat delivery sources.

**Water ingress 'protected'** Although the electrical connections would still be sensitive to water the main body of the system would be resistant to water. This is of particular benefit when tooling is used in an environment where large quantities of water is used and prevents those costly start up delays as wet heater mats are replaced.

This system combats localised temperature drain by using a method which focuses the heat delivery to the tray contact face.

## Benefits of hotrod

- Significantly increases the life of the heating system
- Protects tooling from water related failures
- Focuses the heat on to the tray contact face
- Gives the potential to increase machine productivity through a reduced seal time

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Significant innovations