



## GTO

Automatic in-line tray sealing system designed to increase line speeds, cut labour costs and produce 45+ packs per minute

A machine designed with rapid tool change and space saving compact design.

Optional 'free flow' gas flush (modified atmosphere packaging) available for extended shelf life.

The **GTO** fills a gap in the market for a high quality, compact, fully automatic tray sealer. It will also operate with existing GTR rotary machine tools with minor modifications, thus minimising upgrade costs.

Designed to accept randomly spaced trays from any conveyor it can be fully and easily integrated with other line equipment.

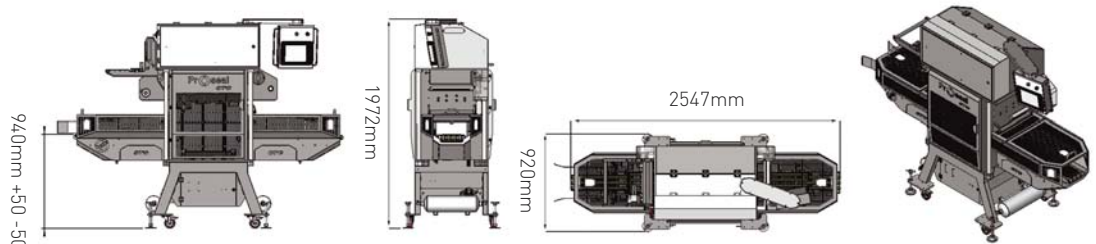
### Packaging Materials

#### Trays

- CPET
- APET
- RPET
- Polypropylene
- PVC
- Styrene
- Board
- Paper
- Smooth walled foil

#### Lidding

- Co-extruded and Laminated Polyester Films
- Foil
- Board
- Paper





## Standard design features and benefits

- Two minute tool changeover
- Low maintenance polymer bearings
- Simple and accurate film-feed system with easy film route
- Maintenance friendly robust construction
- Accurate temperature and seal pressure control
- Fully portable castor mounted
- High accuracy tool alignment system provides a constantly accurate sealing and/or film-cutting relationship with the tray flange profile
- Simple design and operation
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- Servo Driven 'Setting Free' automatic tray collation in-feed
- Self diagnostic system
- Pendant mounted colour touch screen HMI control for full double-sided operation
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Pot crush avoidance system
- Active film tension
- Quick release conveyor belts for easy hygiene and maintenance
- Automatic tool clamp for mechanical and electrical connection
- Sale, Lease Purchase and Rental options available

## Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O<sup>2</sup>) gas flush
- CLOSE CUT – Method of maximizing throughput and reducing film waste
- Inboard Cut (IC) Option to provide 'form, fill and seal' tray presentation
- Film coding and printing
- Foil crimping
- Film snap detection
- Active conveyors to allow the machine to be used as a straight through conveyor when packs don't require sealing
- Auto tool clamp and connection
- Back-to-back machine configurations
- Peripheral equipment integration
- EcoSeal - Patented Innovative System that maximizes seal force and speed, with a 65% reduction in compressed air consumption
- Film end warning
- Pneumatic film core clamp
- Self-centering tray guides
- Deep tray option (up to 120mm)
- Automatic film roll clamping
- HOT ROD – long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network

## Sealing capacity

Number of trays	Length	Width	Depth	Diameter
One	439mm	270mm	90mm	270mm
Two	270mm	211mm	90mm	211mm
Three	270mm	135mm	90mm	135mm

## Specifications

Height	1944mm
Standard Length	2240mm
Width	920mm
Weight	580kg
Pneumatic supply	25CFM (707L/Min) at 80psi (6 bar)
Pneumatic supply with EcoSeal	10CFM @ 15 cycles
Electrical supply	400 VAC 3kW 3 phase (fused at 16A)
Production speed	15 cycles per minute max (45+ packs per minute with a 3 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

All our automatic machines benefit from a comprehensive twelve months parts and labour warranty and service back-up facility, to assure our valued customers of our confidence in the build quality and our commitment to you. All standard machine components are held in stock at Proseal and our Service Cover is 24 hours a day, 7 days a week.

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