



ATMOSPHERIC SEAL

20 CPM



GAS FLUSH

14 CPM



HERMETIC SHRINK

20 CPM



GT1s

Automatic, large-capacity, high speed, in-line tray sealing system designed to cut labour costs.

It combines high throughput with rapid tool-changing and space-saving compact design

Optional 'free-flow' gas flush Modified Atmosphere Packaging (MAP) available for extended shelf life.

Capable of up to **80 Atmospheric packs** per minute with a 4 impression tool, the **GT1s** system is packed with user-friendly benefits including our unique **Promotion** modular conveyor system.

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

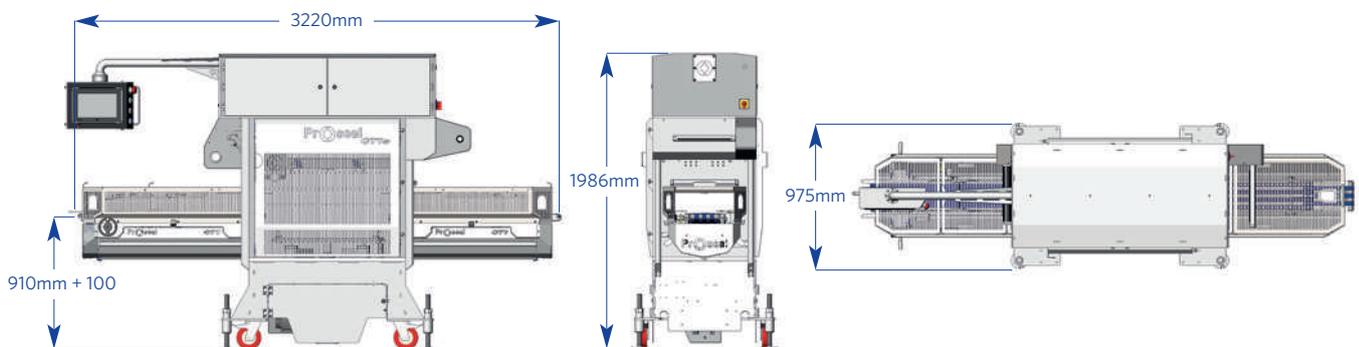
Packaging Materials

Trays

- C-PET
- A-PET
- R-PET
- Polypropylene
- PVC / Styrene
- Board / Paper
- Smooth Wall 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
- High accuracy tool alignment system provides a constantly accurate sealing and/or film-cutting relationship with the tray flange profile
- Simple design and operation
- Film snap detection
- 'Auto Tool' Touch of a button tool change system, automatically locates and connects tooling to machine functions including all MAP options
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- Self-centring tray guides
- Automatic film roll clamping
- Food industry approved hygienic construction and wash-down 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
- 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers
- **QRconveyors** with quick release belts for easy hygiene and maintenance
- **Eseal®** - high-performance, high-precision, high-force, energy-efficient, electric seal system that boasts a massive increase in seal force
- **Promotion** - a high accuracy continuous motion tray infeed system, which increases production speed whilst reducing machine duty

Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O²) gas flush
- **Close Cut** - Method of maximising throughput and reducing film waste
- **Inboard Cut (IC)** Option to provide 'form, fill and seal' tray presentation
- Film coding and printing
- Foil crimping
- Active conveyors to allow the machine to be used as a straight through conveyor when packs don't require sealing
- Back-to-back machine configurations
- Optional integration of peripheral equipment, such as: denesters, fillers, multi-head weighers, laser coders, labellers
- **eWON** - a machine connection system to deliver real time data and error condition support, remote setup, and software upgrades, using a customer's existing IT network
- **I-film** - intelligent film reel monitoring system which actively adjusts film tension based on reel diameter to increase print quality and film reel efficiency, reduce component duty, and provides a film end warning system
- **Protect** - a contactless machine login and audit trail system
- Sale, Lease Purchase and Rental options available

GT1s Specifications

| | |
|------------------------|---|
| Height | 1986mm |
| Standard Length | 3220mm |
| Width | 975mm |
| Weight | 1100kg |
| Electrical Supply | 400V 3 phase + neutral (fused at 16A) |
| Transformer Variations | 208V 3 phase (fused at 30A) 480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A) |

GT1s Sealing capacity

| No. of trays | Width | Length | Depth | Diameter |
|--------------|-------|--------|-------|----------|
| One | 300mm | 688mm | 105mm | 300mm |
| Two | 300mm | 331mm | 105mm | 300mm |
| Three | 300mm | 212mm | 105mm | 212mm |
| Four | 300mm | 129mm | 105mm | 129mm |
| Five | 300mm | 98mm | 105mm | 98mm |

Metric

Imperial

| Pressure | Flow | Pressure | Flow |
|----------|---------|----------|--------|
| 6 Bar | 50L/Min | 87psi | 1.7CFM |

Transformers are available to accommodate the electrical supplies in different countries



FISH | BOARD



RED MEAT | C-PET



SNACK FOOD | A-PET



PRODUCE | A-PET



READY MEAL | C-PET

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