



GT1V

Automatic, large capacity, high speed vacuum MAP in-line tray sealing system designed to cut labour costs and produce up to 32 packs per minute

The **GT1V** has all the benefits of the GT1 with the added functionality of a full vacuum system, perfect for applications where residual Oxygen levels have to be sub 1%.

Capable of up to 32 packs per minute with a 4 impression tool the **GT1V** system is packed with user friendly benefits.

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

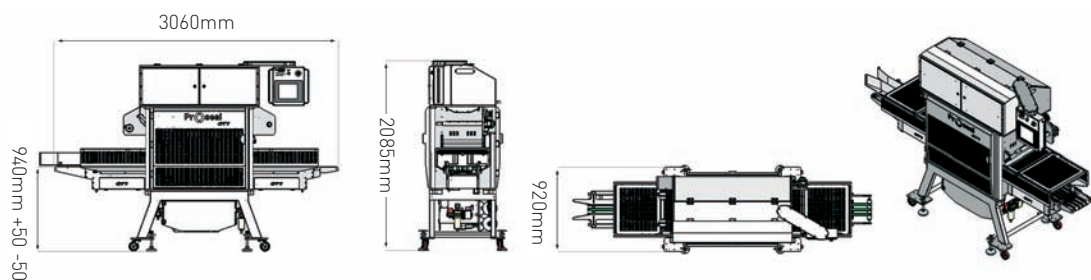
Packaging Materials

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

- Five minute tool changeover
- 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
- 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
- High accuracy servo driven automatic tray collation
- 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 (O₂) gas flush
- Film coding and printing
- Pharmaceutical Blister Packaging Machines
- 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)
- 160 m³/hr vacuum pump and water trap assembly (option)
- Automatic film roll clamping
- Touch screen controls
- 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	670mm	270mm	120mm	270mm
Two	335mm	270mm	120mm	270mm
Three	270mm	217mm	120mm	217mm
Four	270mm	158mm	120mm	158mm
Five	270mm	123mm	120mm	123mm

Specifications

Height	2085mm
Standard Length	3060mm
Width	920mm
Weight	850kg
Pneumatic supply	25CFM (707L/min) at 80psi (6 bar)
Pneumatic supply with EcoSeal	15CFM @ 15 cycles
Electrical supply	400 VAC 3kW 3 phase (fused at 16A)
Production speed	8 cycles per minute Vac Gas 12 cycles per minute Free Flow Gas Flush 15 cycles per minute Seal Only (VMAP 32 packs per minute with a 4 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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