



LID CLIPPING

GTL1

Fully automatic, in-line, lid placing de-nesting and tamping system designed to cut labour costs.

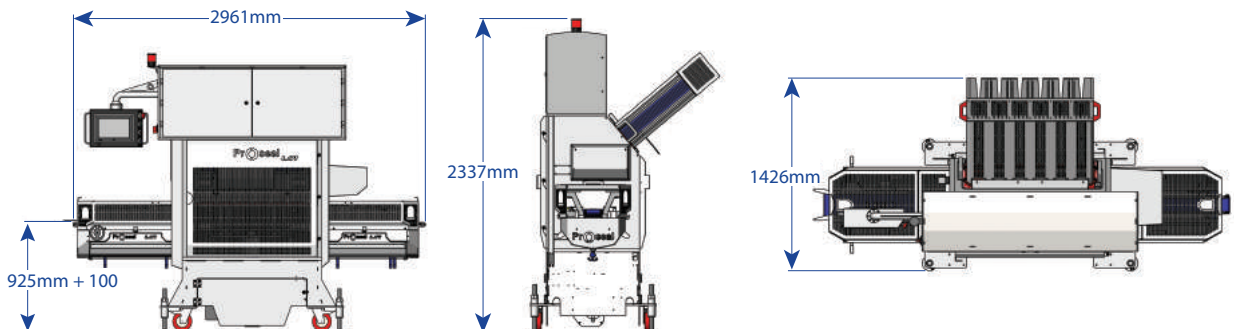
This is the first of our **GTLid** machine range. The **GTLid** range is based on the knowledge and experience gathered from our world-renowned GT tray-sealing machine series and the key principles found within. Some of these key principles include an integral space-saving design, an impressive 5-minute tool change time, our **ProMotion** pause-free tray spacing and our **Eseal**® 'all-electric' seal actuator.

The **GTL1** system is designed to accept trays from any conveyors, clip lids onto film-sealed trays and take trays directly from a filling conveyor when no film lid is required. Through using the aforementioned features to avoid any loading errors, the **GTL1** system can be fully integrated with any other in-line equipment including upstream tray-sealing machines.

Packaging Materials

Trays and Lidding

- C-PET
- A-PET
- R-PET
- Polypropylene
- Smooth Wall Foil



Standard design features and benefits

- Five minute tool changeover
- Low maintenance design including linear bearings
- Simple and accurate lid denesting magazine, designed to be easily and safely loaded by hand
- Maintenance-friendly sub assembly construction
- Machine can operate as a bypass conveyer when tray lidding is not required
- All 7 of the machine's axes are servo driven for complete control
- High accuracy tool alignment system provides a constantly accurate lid pick and place relationship
- Simple design and operation
- Low lid warning /error
- Tray measuring system protects against misaligned or misorientated trays
- Self-centring tray guides
- 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 touchscreen 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
- 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

- **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
- **ProVision** - OEE data capture system & downtime analyser
- **Protect** - a contactless machine login and audit trail system
- Sale, Lease Purchase and Rental options available

GTL1 Lidding capacity

No. of trays	Length	Width
Two	300mm	427mm
Three	300mm	275mm
Four	300mm	200mm
Five	300mm	154mm
Six	300mm	124mm
Seven	300mm	103mm

GTL1 Specifications

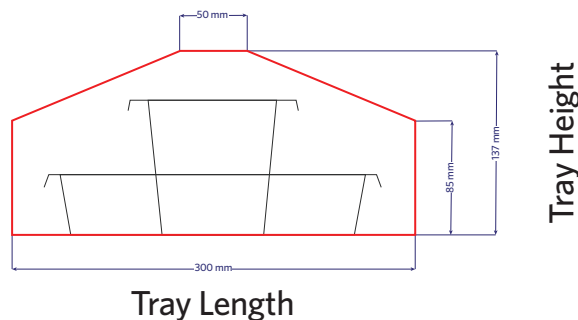
Height	2191mm
Standard Length	2765mm
Width	975mm
Weight	1100kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	208V 3 phase (fused at 30A) 480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

Metric

Imperial

Pressure	Flow	Pressure	Flow
6 Bar	142L/Min	87psi	5CFM

Transformers are available to accommodate the electrical supplier in different countries.



Due to the tapered swing of the turnover on our GT-Lid machines, there is a direct correlation between the tray height and tray length; thus, the more narrow the tray is the taller it can be.

For example, with a 300mm long tray the height may not exceed 85mm, however, with a 50mm tray the height can reach up to 137mm.



SNACK FOOD | A-PET



READY MEALS | THERMOFORMED POLYPROP



READY MEAL | INJECTION MOULDED POLYPROP



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