



designers and manufacturers
of tray sealing machinery

edition 13



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2018

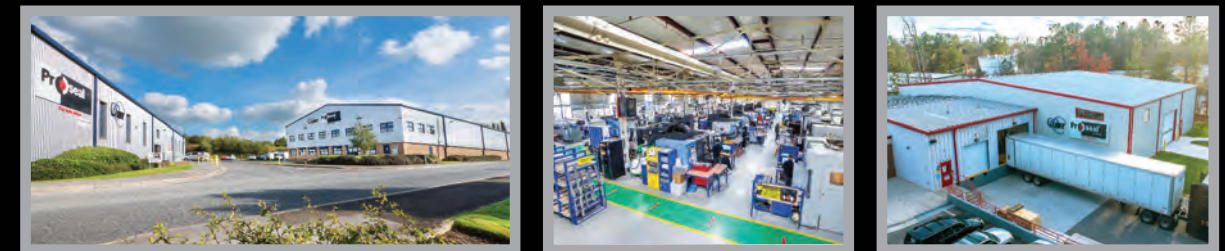


Welcome to Proseal

Founded by Steve Malone and Robbie Hargreaves in 1998, Proseal has not only become the leading manufacturer of tray sealing machinery and tooling in the UK, but it is now recognised as a major force internationally, having extended its operation into a number of sites overseas.

Our aim is to be an innovative and pioneering organisation within the fast paced food industry, and to take pride, not only in producing a range of high quality, efficient, cost effective tray sealing machines, but also in providing a service that surpasses our customers' expectations.

Proseal is part of the JBT Corporation family, a leading global technology solutions provider to high-value segments of the food processing industry, committed to providing a service that surpasses customer expectations.



STEVE MALONE

ROBBIE HARGREAVES

Our reputation was founded on excellent customer services and the ability to design and produce consistently reliable machines.

With many years' experience in the tray sealing industry, we have a deep understanding of the demanding production requirements to which machinery in this sector is subjected. Combined with the high level of after sales service we provide, our business continues to go from strength to strength.



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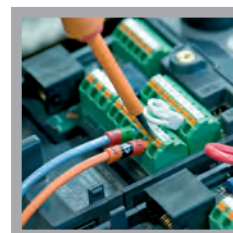
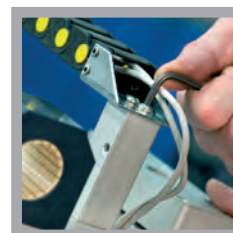
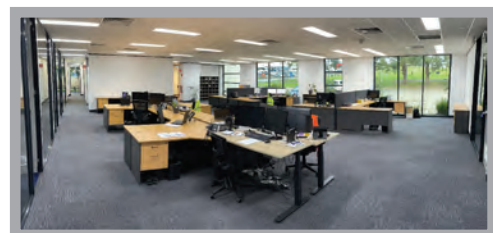
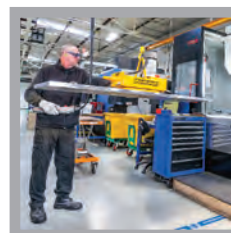
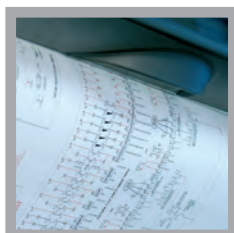
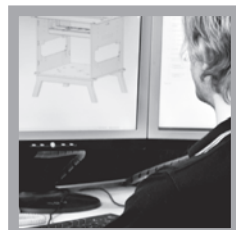
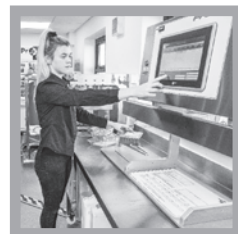
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Mechanical design

Our design department is packed with a team of highly skilled, forward-thinking design engineers, each with many years' experience in the food industry and an in-depth understanding of the requirements of the modern food manufacturer.

Systems design

Our systems engineers continue to design our equipment to be fully integrated, turnkey production lines.

From our headquarters in the UK, we are able to remotely monitor and diagnose faults anywhere in the world via internet connection with our equipment.

Manufacture

All Proseal machines are manufactured at our three international sites. We have the latest high speed CNC machine tool manufacturing facility enabling us to offer our customers fast turnaround times as well as allowing us to offer a same day dispatch service for non-stock parts. We also make our own blades using our CNC blade bending machine for consistent quality and 24 hour delivery.

Assembly

The assembly line at Proseal is where the machines are built by exceedingly experienced fitters and electrical engineers to the highest of standards.

They then pass through a vigorous pre-delivery inspection and testing regime before being dispatched to the customer.





Trays and materials

Our expertise in tray sealing systems stretches across a broad spectrum of machinery.

Working together with leading tray and film manufacturers we have extensive experience in the usage of a diverse range of packaging materials, including Modified Atmosphere Packing.

This, coupled with our simple, no-nonsense design philosophy, enables us to provide competitively priced, reliable tooling for a wide variety of machine applications.

We believe our substantial CNC capability enables us to provide an unrivalled turnaround service.

We are very proud to have a close working relationship with our packaging material suppliers. Through the sharing of ideas and knowledge, we are able to ensure that our clients receive the optimum solution for their application. Together, we also strive to develop new technologies and innovations within our own testing facility.



Materials

Trays

- C-PET
- A-PET
- R-PET
- Eps
- Polypropylene
- PVC / Styrene
- Board / Paper
- Smooth Wall Foil
- Cardboard
- Sandwich Skillets

Film and Lidding

- Weld
- Hot Peel
- Cold Weld
- Vented
- Reverse Printed
- Registered
- Foil
- Board
- Paper

Test facilities

At Proseal we love a challenge and with our world-class, heat-sealing technology, packaging specialists, and Test Kitchen, we can help you produce samples for retailer product launches and seal integrity testing.

Proseal can be relied upon to help facilitate a smooth product launch and all of this is done without the investment in costly machinery. To fulfill our promise, we invite customers and guests to bring their products to our Test Kitchen where we are able to replicate the necessary production pack conditions.

We can offer many types of sealing trials, including Modified Atmosphere Packaging. For reliability and pack security we have up-to-date gas analysis equipment and a Packaging Leak Detector on site; which can be used for all flexible and rigid packaging.

With the ability to seal over 18,000 variants of tray shapes and sizes, allied with suitable top films we are armed to help and advise new and old users in this ever developing sector.



Service and after sales support

Proseal has gained a reputation within the food industry for unrivalled service and after sales support.

Our customers' needs are of paramount importance and our whole business is centered on this. We understand the importance of minimising disruption to production, so if a problem does occur, we react quickly and efficiently.

All our automatic machines benefit from a comprehensive twelve months parts and labour warranty and are given superb service back-up facility. Our service cover is 24 hours, 7 days a week, 365 days a year.

Our service and spares department carry a complete range of spare parts offering our customers a same day dispatch service.

With the continuous availability of our multi-skilled service engineers, combined with our 24/7 telephone support, we believe our customer after sales support is unbeatable.



Our longstanding commitment to ensure longevity and continuing reliability of our equipment is the basis for our 'No Good Machine Left Behind' initiative.

Our future proofing programme means that we proactively seek to upgrade the many older machines that are operating at customer sites throughout the world. This allows companies to benefit from our latest enhancements and, equally importantly, prevents unnecessary downtime or, worse still, machine obsolescence through the unavailability of parts.



THE 'S' SERIES

GTs

PROSEAL QUALITY AT HIGH SPEED



The 'S' SERIES

The 'S' range provides a user-friendly and efficient selection of machinery designed with the ultrafast user in mind. It is ideal for projects predominantly in produce where Atmospheric sealing or simple - yet accurate - Gas Flush sealing is required.

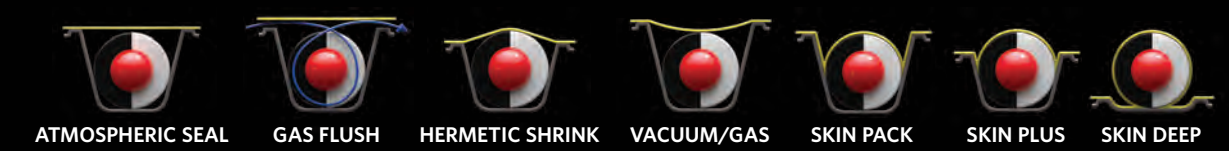
The benefit this brings to the 'S' system is in cost - we are not required to build in features to accommodate vacuum technology thereby streamlining the bottom line.



THE ALL IN ONE 'e' SERIES

GTe

EVERYTHING FROM ONE MACHINE



The 'e' SERIES

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that Atmospheric, Gas Flush, Vacuum/Gas, Skin, Skin Plus, or Skin Deep. Each of these options can be initially specified, added at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for their future.

Proseal innovations are always developed with the customers concerns in mind and the GT range is designed to be completely adaptable to incorporate the latest Proseal technology for every feature introduced into future models, meaning that our customers can invest with confidence.





TTe

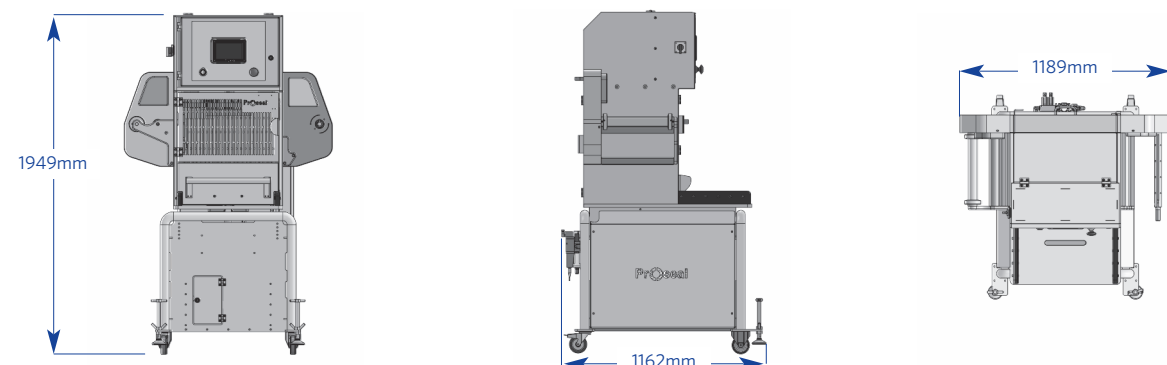
Semi-automatic, drawer type, tray sealing machine with full vacuum facility.

Capable of sealing up to **10 Vacuum/Gas packs** per minute with a 2 impression tool.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil Cardboard Sandwich Skillets 	<ul style="list-style-type: none"> Co-extruded and Laminated Polyester Films Foil Board Paper



Standard design features and benefits

- Five 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
- Automatic film roll clamping
- Fully portable and 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 only (No Cut) for packs with pre-cut or hinged lids
- 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 wash-down protection
- Full Category 3 guarding
- 'Auto Tool' - Touch of a button tool change system, automatically locates and connects tooling to machine functions including all MAP options
- Tooling can be upgraded to operate on the **GT0e** or **GTRe** in-line machine

Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O₂) gas flush
- Inclusion of a 100m³/hour vacuum pump
- Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- Skin** - Skin packaging sub flange
- Skin Plus** - Skin packaging up to 50mm above the tray flange
- Skin Deep** - Skin packaging up to 100mm above the tray flange
- 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
- Pastry blocking
- Pharmaceutical Blister Packaging Machines
- Sandwich Pack Sealing for Board, Recyclable and Non-Recyclable Plastic
- Hot Rod™** - long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Sale, Lease Purchase and Rental options available

TTe Specifications

Height	1949mm
Standard Length	1189mm
Width	1162mm
Weight	615kg
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)

TTe Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	270mm	439mm	120mm	270mm
Two	270mm	207mm	120mm	207mm
Three	270mm	104mm	120mm	104mm
Four	270mm	71mm	120mm	71mm

Metric

Pressure	Flow	Pressure	Flow
6 Bar	425L/Min	87psi	15CFM

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GTR

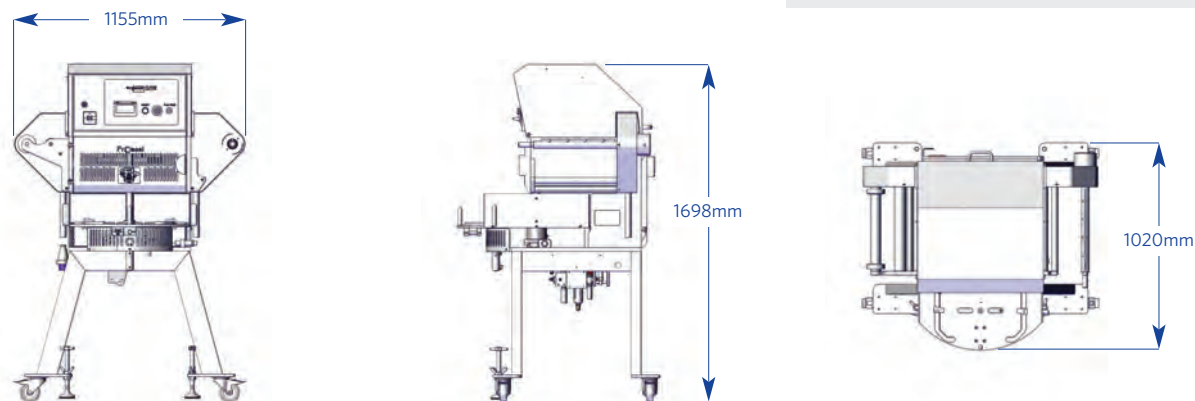
Semi-automatic, two-station, rotary-table, tray sealing machine.

Capable of sealing up to 30 'Atmospheric' packs per minute with a 2-impression tool, the semi-automatic, ultra-reliable **GTR** machine is the workhorse of numerous industry segments of food production around the world and has become the benchmark for quality semi-automatic tray sealing equipment.

The **GTR's** user friendly design includes an integrated HMI and quick-release tooling, which allows the user to change from one tray size to another in less than two minutes. The machine itself is fully portable with an automatic film-feed and is available with optional 'free-flow' gas flush, Modified Atmosphere Packaging (MAP) to enable extended shelf life.

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none">C-PETA-PETR-PETPolypropylenePVC / StyreneBoard / PaperSmooth Wall FoilCardboardSandwich Skillets	<ul style="list-style-type: none">Co-extruded and Laminated Polyester FilmsFoilBoardPaper



Standard design features and benefits

- User friendly HMI for easy set-up control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Fully portable and castor mounted
- Two-minute tool changeover
- Accurate temperature and seal pressure control
- Low maintenance polymer bearings
- Simple and accurate film-feed system with easy film route
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- High accuracy tool alignment system provides a constantly accurate sealing and/or film-cutting relationship with the tray flange profile incorporating a revolutionary table damping system
- All around seal only (No Cut) for packs with pre-cut or hinged lids
- Maintenance friendly, food industry approved, hygienic, robust, construction and wash-down protection
- Simple design and operation
- Full Category 3 guarding
- Future-proof tooling that can be upgraded to operate on the
- GTOs in-line machine, increasing throughput by up to 33%

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
- Deep tray/pot machine configuration
- Pastry blocking
- Pharmaceutical Blister Packaging Machines
- Sandwich Pack Sealing for Board, Recyclable and Non-Recyclable Plastic
- Intergration of peripheral equipment
- **Hot Rod™** - long-lasting, water-resistant seal, tool-heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Portable, separate compressor required. Can be operated from a standard 220-240 VAC supply
- Sale, Lease Purchase and Rental options available

GTR Specifications

Height	1698mm
Standard Length	1155mm
Width	1020mm
Weight	320kg
Electrical Supply	230V single phase (fused at 16A)
Transformer Variations	208V 2 phase (fused at 15A)

GTR Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	270mm	438mm	105mm	270mm
Two	270mm	207mm	105mm	207mm
Three	270mm	104mm	105mm	104mm
Four	270mm	71mm	105mm	71mm

Metric Imperial

Pressure	Flow	Pressure	Flow
6 Bar	140L/Min	87psi	5CFM

Transformers are available to accommodate the electrical supplies in different countries



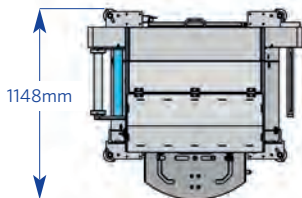
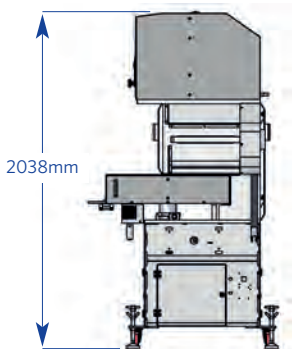
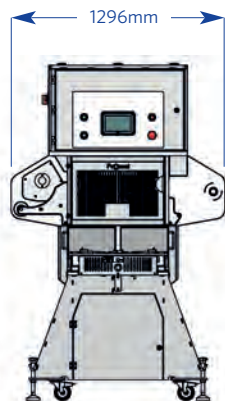


CTRe

Semi-automatic, two-station, rotary-table, tray sealing machine with full vacuum facility.

Capable of sealing up to **20 Vacuum/Gas packs** per minute with a 2 impression tool.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.



Packaging Materials	
Trays	Lidding
<ul style="list-style-type: none">• C-PET• A-PET• R-PET• Polypropylene• PVC / Styrene• Board / Paper• Smooth Wall Foil• Cardboard• Sandwich Skillets	<ul style="list-style-type: none">• Co-extruded and Laminated Polyester Films• Foil• Board• Paper

Standard design features and benefits

- Five 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
- Automatic film roll clamping
- Fully portable and 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 only (No Cut) for packs with pre-cut or hinged lids
- 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 wash-down protection
- High accuracy tool alignment system incorporating revolutionary table damping system
- Full Category 3 guarding
- 'Auto Tool' - Touch of a button tool change system, automatically locates and connects tooling to machine functions including all MAP options
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers
- Tooling can be upgraded to operate on the GTO in-line machine
- **Eseal®** - high-performance, high-precision, high-force, energy-efficient, electric seal system that boasts a massive increase in seal force

Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O²) gas flush
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- Pastry blocking
- Pharmaceutical Blister Packaging Machines
- Sandwich Pack Sealing for Board, Recyclable and Non-Recyclable Plastic
- Optional integration of peripheral equipment, such as: denesters, fillers, multi-head weighers, laser coders, labellers
- **Hot Rod™** - long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Portable, with separate compressor. Can be operated from a standard 220-240 VAC supply
- Sale, Lease Purchase and Rental options available

GTRe Specifications

Height	2038mm
Standard Length	1296mm
Width	1148mm
Weight	700kg
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)

GTRe Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	270mm	438mm	120mm	270mm
Two	270mm	207mm	120mm	207mm
Three	270mm	104mm	120mm	104mm
Four	270mm	71mm	120mm	71mm

Metric

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	425L/Min	87psi	15CFM

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GTOS

Automatic, medium-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.

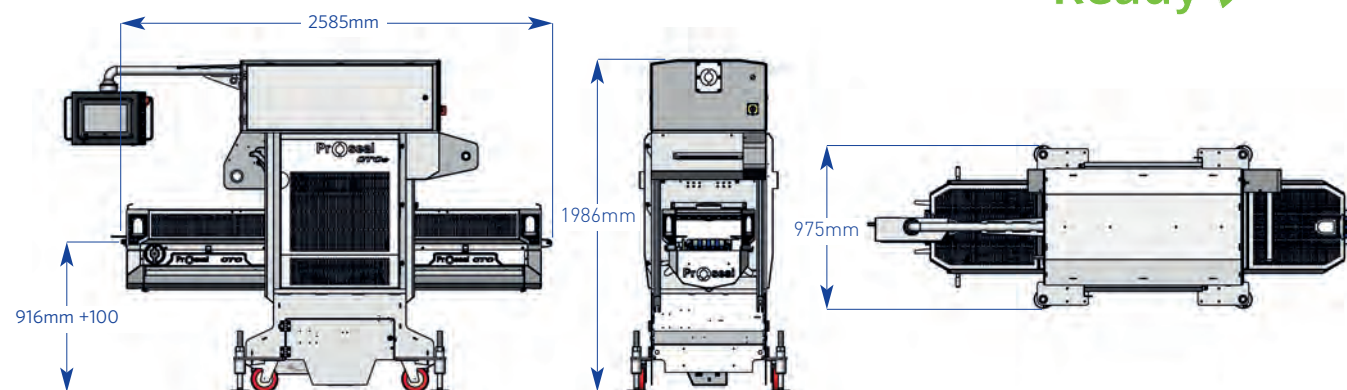
Optional 'free-flow' gas flush Modified Atmosphere Packaging (MAP) available for extended shelf life.

Capable of up to **36 Atmospheric packs** per minute with a 2 impression tool, the GTOS 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	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



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
- **GT-Max** upgrade available to increase machine capacity
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

GTOS Specifications

Height	1986mm
Standard Length	2585mm
Width	975mm
Weight	800kg
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)

GTOS Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	300mm	438mm	105mm	300mm
Two	300mm	207mm	105mm	207mm
Three	300mm	104mm	105mm	104mm
Four	300mm	71mm	105mm	71mm

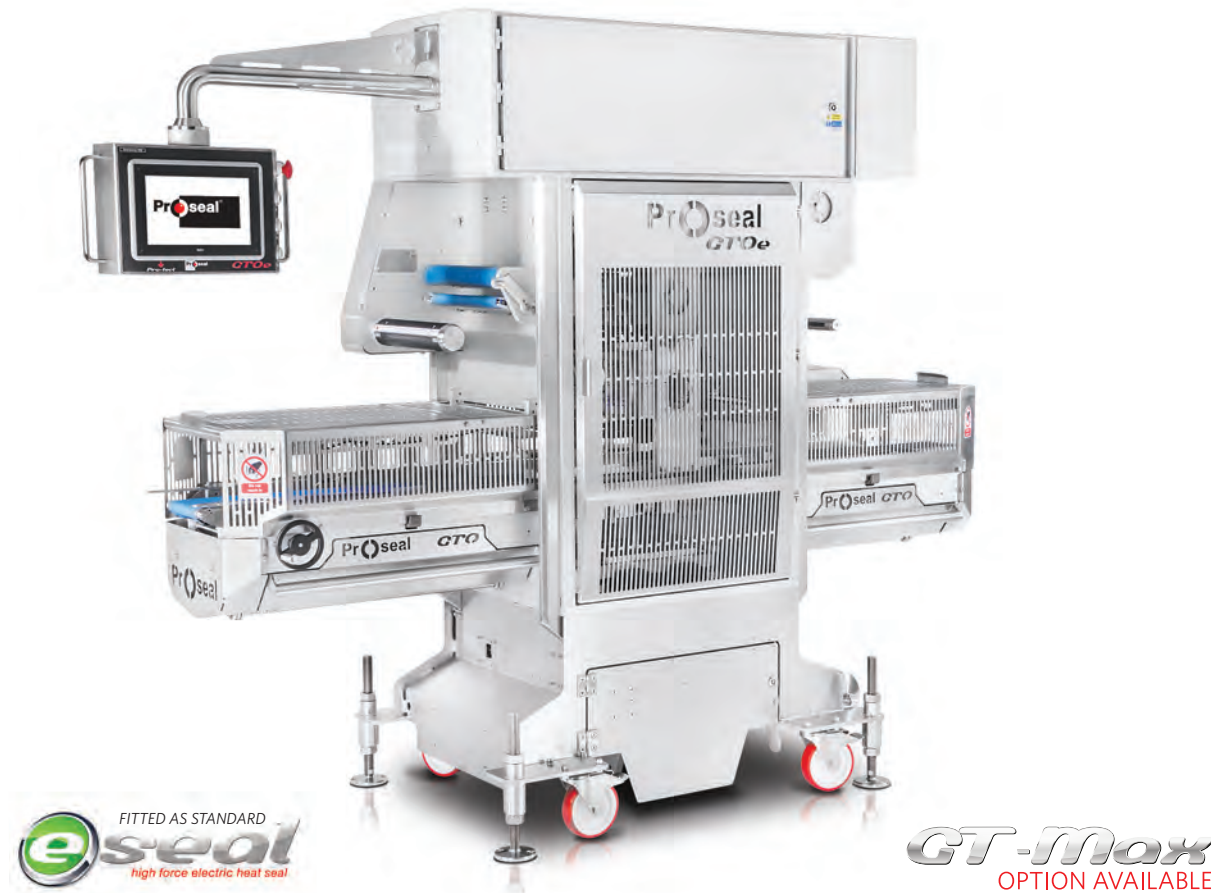
Metric

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

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GTOe

Automatic, medium-capacity, in-line tray sealing system with full vacuum facility designed to cut labour costs.

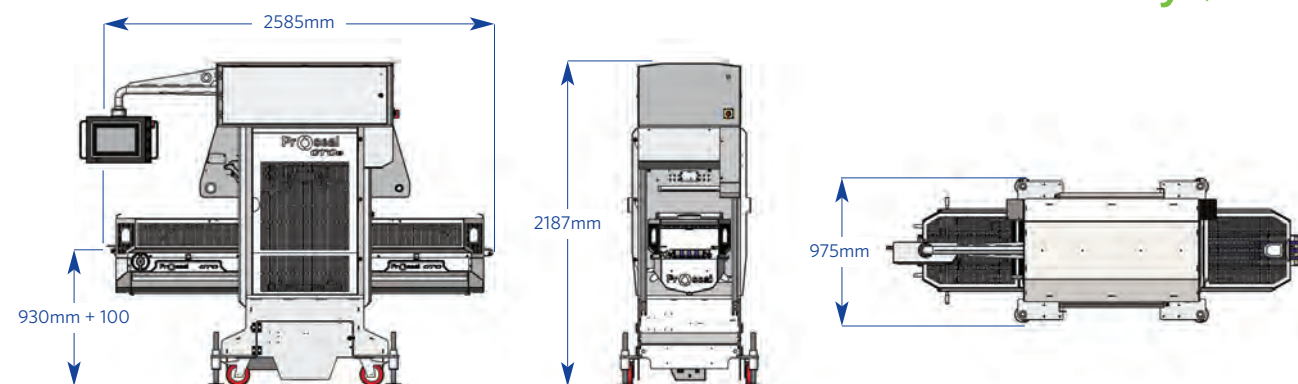
At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Capable of producing up to **36 Vacuum/Gas packs** per minute with a 3 impression tool, the **GTOe** 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	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **GT-Max** upgrade available to increase machine capacity
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

GTOe Specifications

Height	2187mm
Standard Length	2585mm
Width	975mm
Weight	1114kg
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)

GTOe Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	300mm	438mm	120mm	300mm
Two	300mm	207mm	120mm	207mm
Three	300mm	104mm	120mm	104mm
Four	300mm	71mm	120mm	71mm

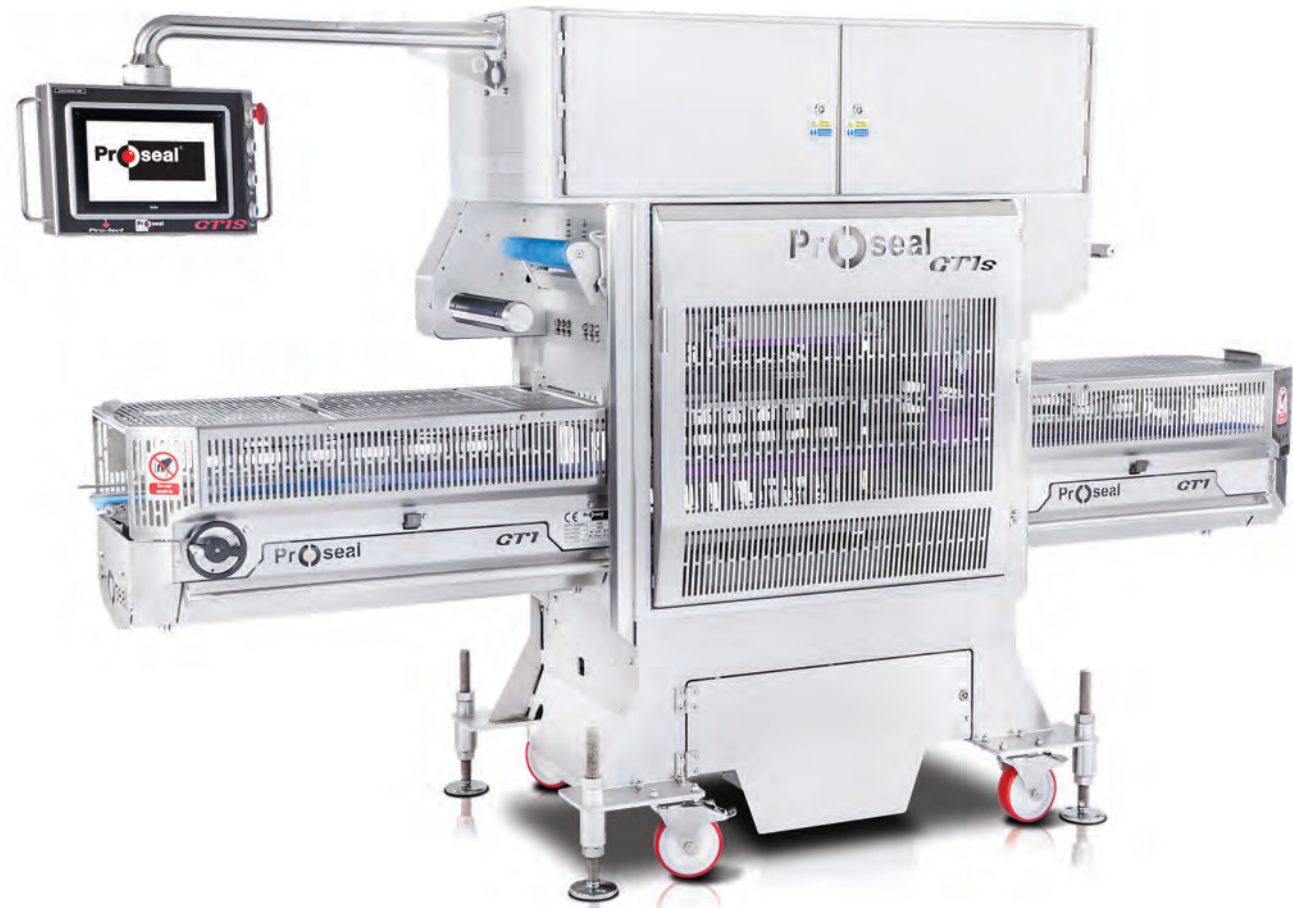
Metric

Imperial

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries





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

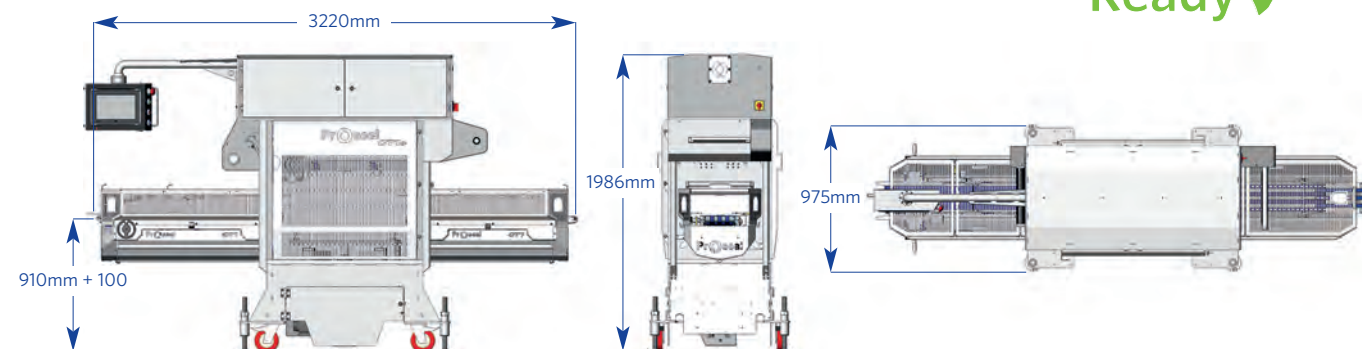
Optional 'free-flow' gas flush Modified Atmosphere Packaging (MAP) available for extended shelf life.

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	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil 	<ul style="list-style-type: none"> 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
- GT-Max** upgrade available to increase machine capacity
- AutoCoding Ready** - **For more details see page 76**
- 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

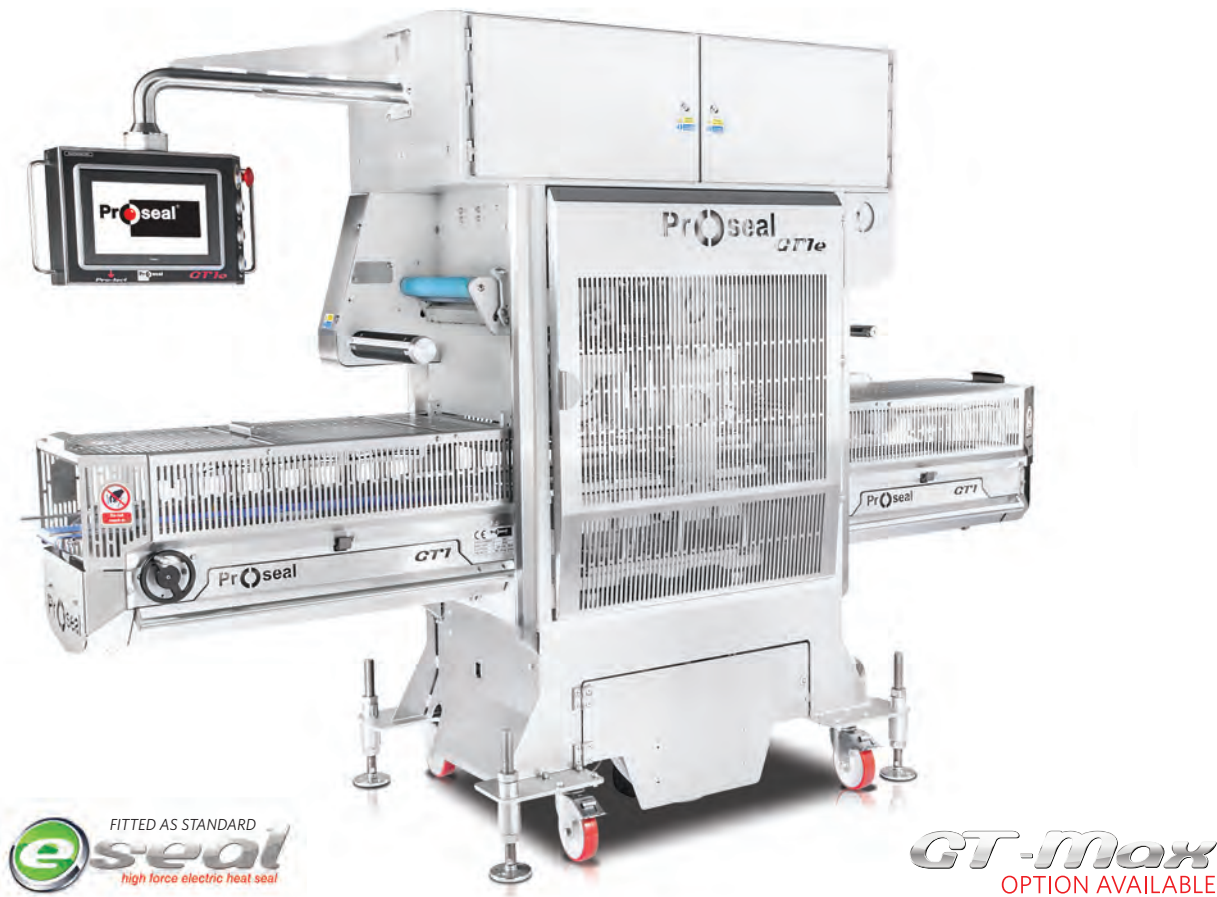
No. of trays	Width	Length	Depth	Diameter
One	300mm	688mm	105mm	300mm
Two	300mm	331mm	105mm	300mm
Three	300mm	212mm	105mm	212mm
Four	300mm	129mm	105mm	129mm
Five	300mm	98mm	105mm	98mm

Metric Imperial

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

Transformers are available to accommodate the electrical supplies in different countries





GT1e

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

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Capable of producing up to **60 Vacuum/Gas packs** per minute with a 5 impression tool, the **GT1e** 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	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **GT-Max** upgrade available to increase machine capacity
- **AutoCoding Ready** - For more details see page 76
- Sale, Lease Purchase and Rental options available

GT1e Specifications

Height	2188mm
Standard Length	3222mm
Width	976mm
Weight	1350kg
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)

GT1e Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	300mm	688mm	120mm	300mm
Two	300mm	331mm	120mm	300mm
Three	300mm	212mm	120mm	212mm
Four	300mm	129mm	120mm	129mm
Five	300mm	98mm	120mm	98mm

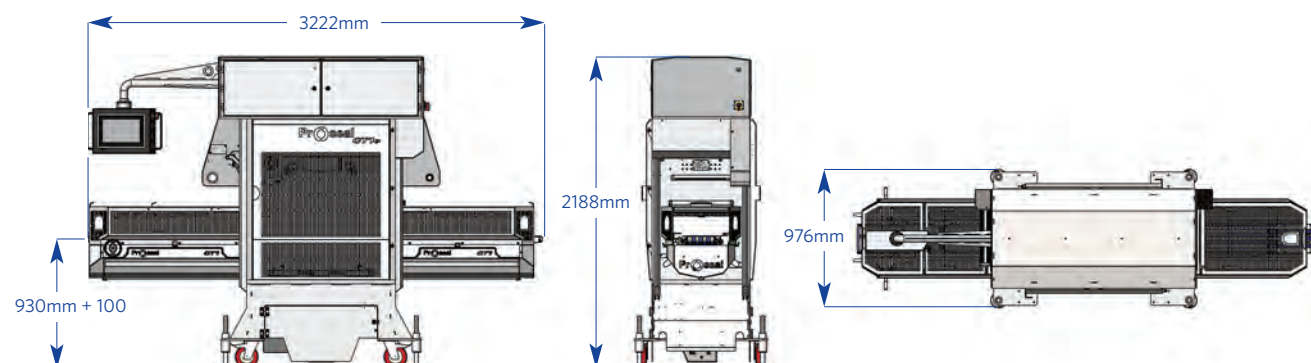
Metric Imperial

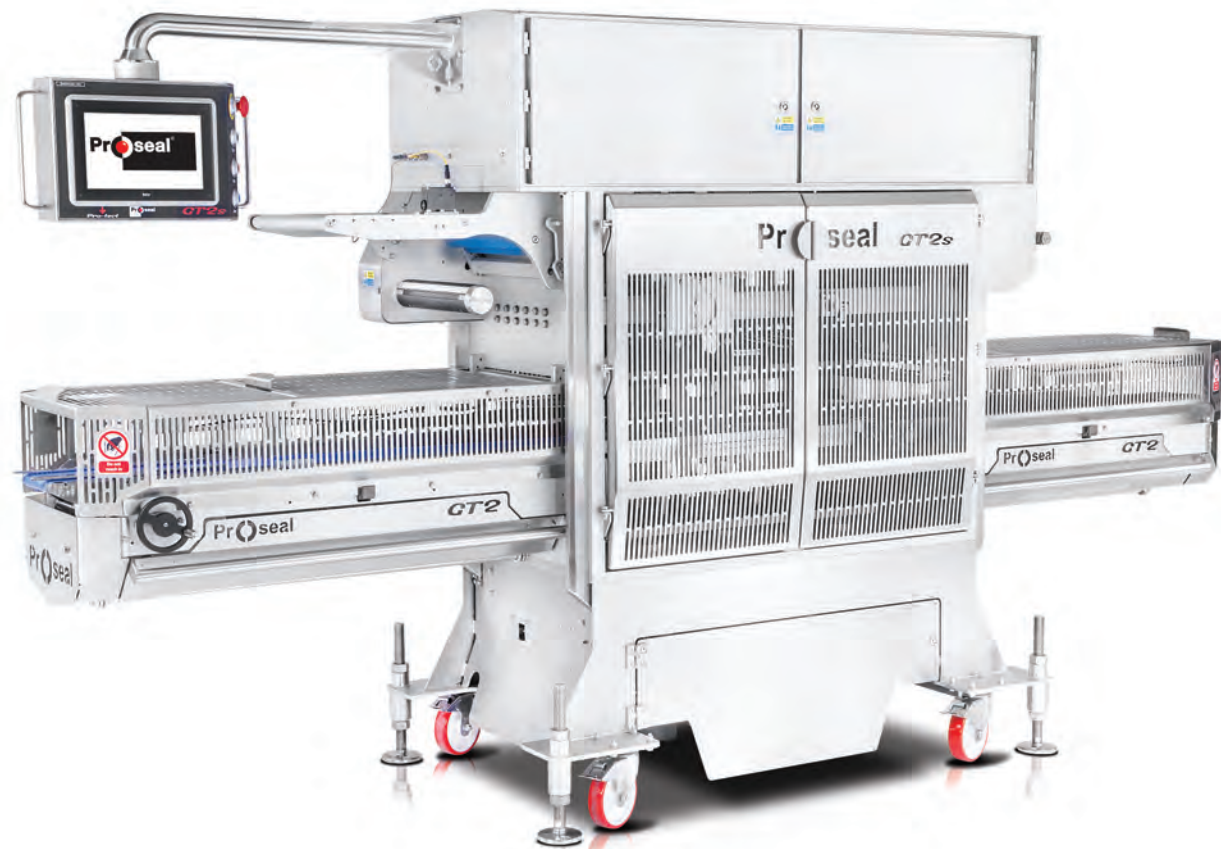
Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries



SNACK FOOD | A-PET FISH | SMOOTH WALL FOIL POULTRY | POLYPROP PRODUCE | A-PET SNACK FOOD | A-PET





GT-Max
OPTION AVAILABLE

GT2s

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

Capable of up to **120 Atmospheric packs** per minute with a 6 impression tool, the **GT2s** system is packed with user-friendly benefits including our unique **ProMotion™** modular conveyor system.

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

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

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil 	<ul style="list-style-type: none"> 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
- GT-Max** upgrade available to increase machine capacity
- AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT2s Specifications

Height	1987mm
Standard Length	3658mm
Width	976mm
Weight	1190kg
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)

GT2s Sealing capacity

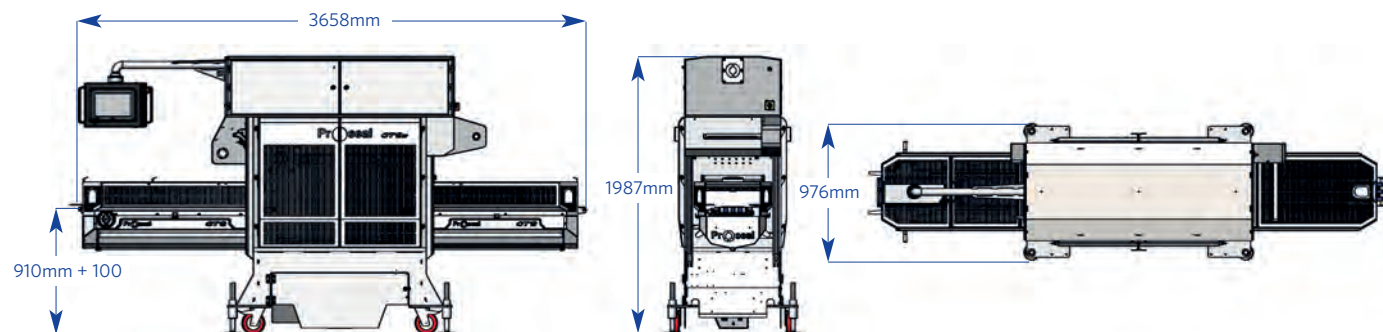
No. of trays	Width	Length	Depth	Diameter
One	300mm	838mm	105mm	300mm
Two	300mm	406mm	105mm	300mm
Three	300mm	262mm	105mm	262mm
Four	300mm	190mm	105mm	190mm
Five	300mm	147mm	105mm	147mm
Six	300mm	118mm	105mm	118mm

Metric

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

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GT2sX / Twin

The GT2sX / Twin is an automatic, large-capacity tray sealing system designed for high-speed production that efficiently cuts labour costs. Available in 2 formats: extra-wide-single-lane or twin-lane.

With increased production capacity the GT2sX has the ability to take packs up to 400mm wide, long edge leading, into the machine.

Capable of up to **120 Atmospheric packs** per minute with a 6 impression tool the GT2sX system is packed with user-friendly benefits including our unique ProMotion™ modular conveyor system.

The GT2sX-Twin is a high throughput modular, twin-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

Capable of up to **180 Atmospheric packs** per minute with a 10 Impression Tool, the GT2sX-Twin 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	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- 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
- **AutoCoding Ready** - For more details see page 76
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT2sX / GT2sX Twin Specifications

Height	2070mm
Standard Length	3807mm
Width	1265mm
Weight	1512kg+ specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

Metric Imperial

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

Transformers are available to accommodate the electrical supplies in different countries

GT2sX Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	420mm	838mm	120mm	420mm
Two	420mm	406mm	120mm	406mm
Three	420mm	262mm	120mm	262mm
Four	420mm	190mm	120mm	190mm
Five	420mm	147mm	120mm	147mm
Six	420mm	118mm	120mm	118mm

GT2sX Twin Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Four	200mm	406mm	120mm	200mm
Six	200mm	262mm	120mm	200mm
Eight	190mm	190mm	120mm	190mm
Ten	147mm	147mm	120mm	147mm
Twelve	119mm	119mm	120mm	118mm



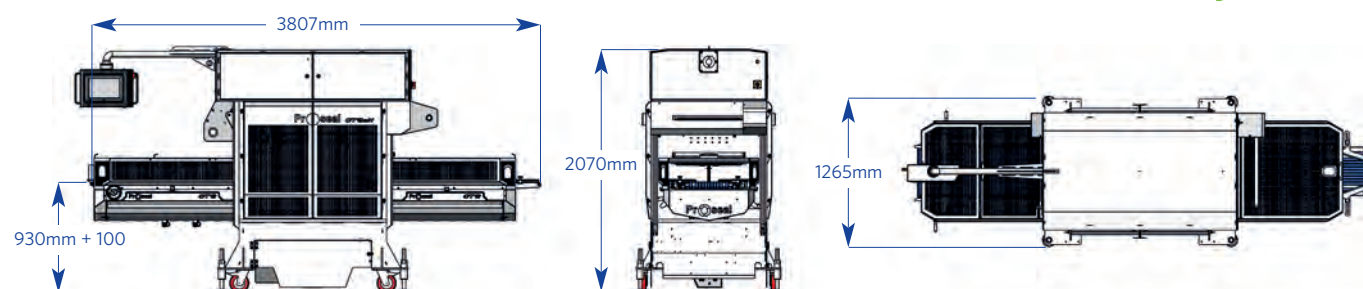
PUDDINGS | C-PET

PORK | SMOOTH WALL FOIL

PRODUCE | C-PET

POULTRY | POLYPROP

PRODUCE | A-PET





GT-Max
OPTION AVAILABLE



GT2e

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

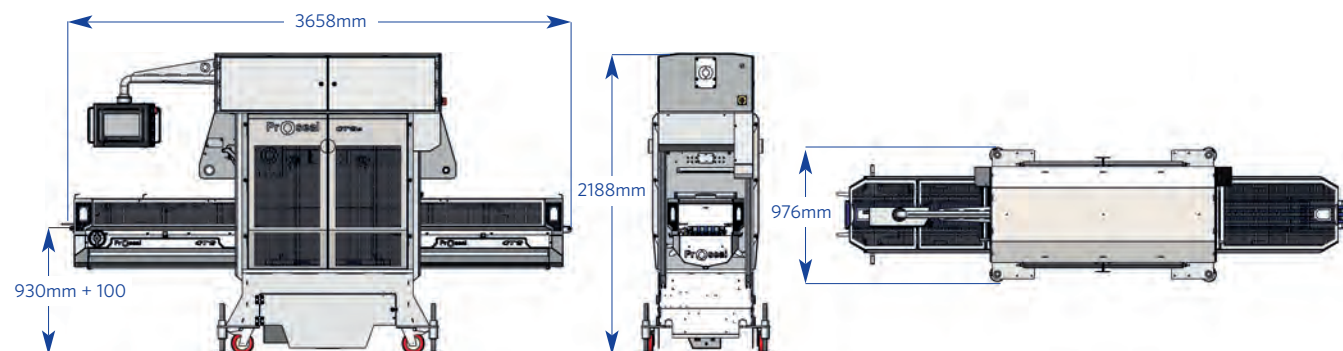
At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Capable of up to **72 Vacuum/Gas packs** per minute with a 6 impression tool, the **GT2e** 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	Lidding
• C-PET	• Co-extruded
• A-PET	• and Laminated
• R-PET	• Polyester Films
• Polypropylene	• Foil
• PVC / Styrene	• Board
• Board / Paper	• Paper
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **GT-Max** upgrade available to increase machine capacity
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT2e Specifications

Height	2188mm
Standard Length	3658mm
Width	976mm
Weight	1261kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

GT2e Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	300mm	838mm	120mm	300mm
Two	300mm	406mm	120mm	300mm
Three	300mm	262mm	120mm	262mm
Four	300mm	190mm	120mm	190mm
Five	300mm	147mm	120mm	147mm
Six	300mm	118mm	120mm	118mm

Metric

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GT2eX / Twin

The GT2eX / Twin is an automatic, large-capacity tray sealing system designed for high-speed production that efficiently cuts labour costs. Available in 2 formats: extra-wide-single-lane or twin-lane.

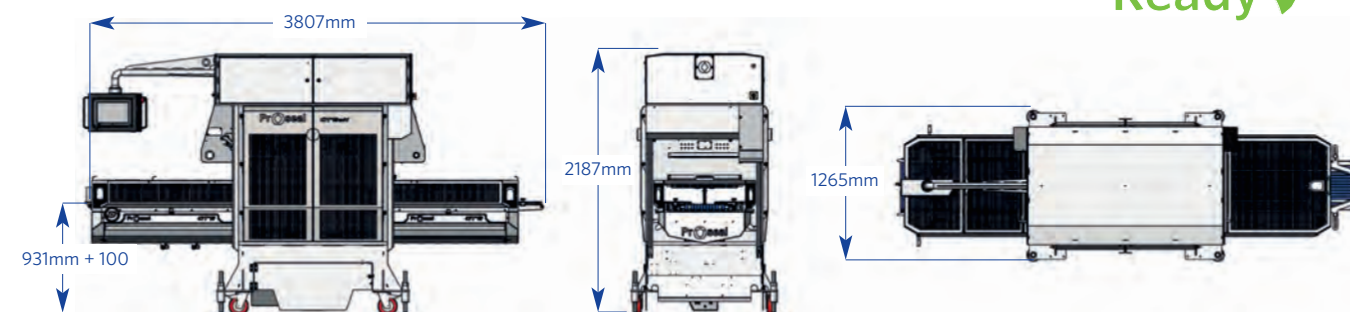
With increased production capacity the GT2eX has the ability to take packs up to 400mm wide, long edge leading, into the machine. Capable of up to **72 Vacuum/Gas packs** per minute with a 6 impression tool the GT2eX system is packed with user-friendly benefits including our special lightweight, high-strength tooling.

The GT2eX-Twin is a high throughput modular, twin-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line. Capable of up to **120 Vacuum/Gas packs** per minute with a 10 impression tool.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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

GT2eX / GT2eX Twin Specifications

Height	2187mm
Standard Length	3807mm
Width	1265mm
Weight	1612kg+ specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 20A)

Metric Imperial

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries

Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O₂) gas flush
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

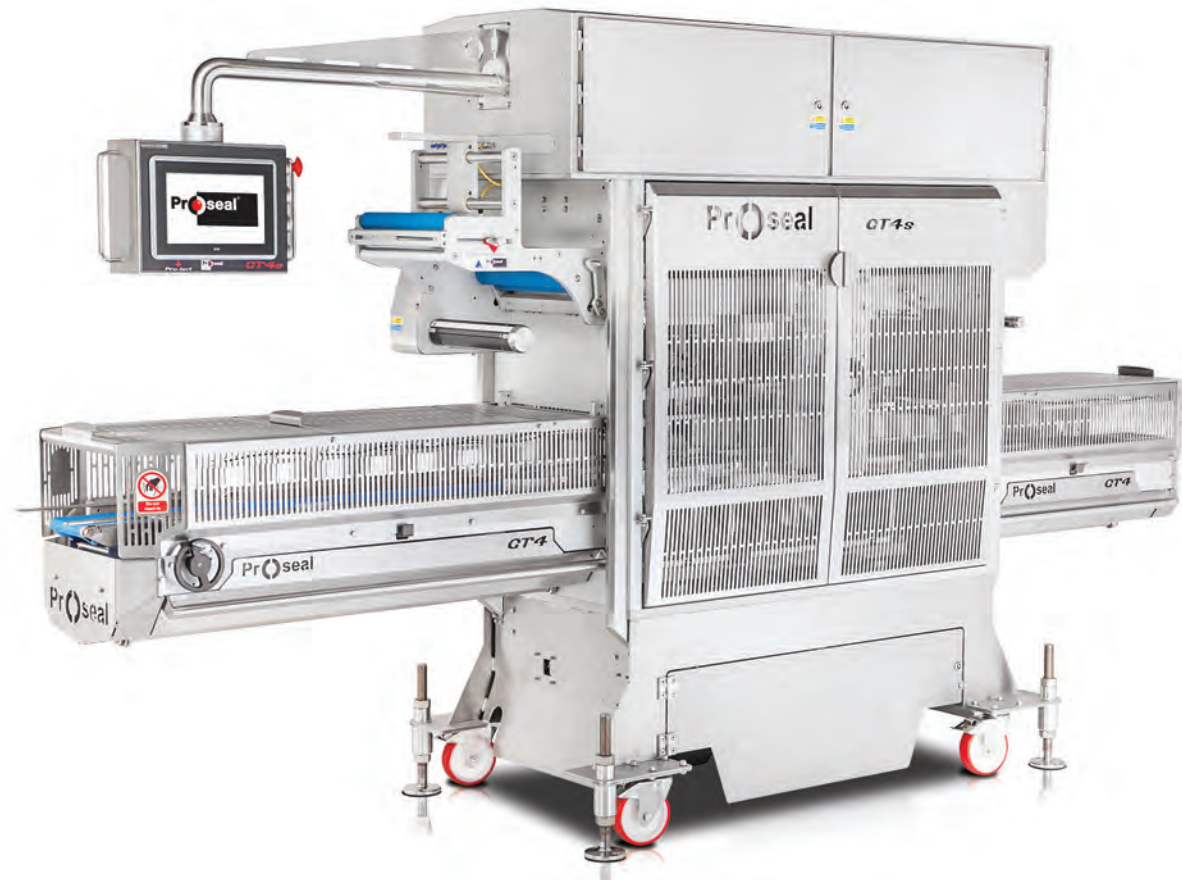
GT2eX Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	420mm	838mm	120mm	420mm
Two	420mm	406mm	120mm	406mm
Three	420mm	262mm	120mm	262mm
Four	420mm	190mm	120mm	190mm
Five	420mm	147mm	120mm	147mm
Six	420mm	118mm	120mm	118mm

GT2eX Twin Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Four	200mm	406mm	120mm	200mm
Six	200mm	262mm	120mm	200mm
Eight	190mm	190mm	120mm	190mm
Ten	147mm	147mm	120mm	147mm
Twelve	119mm	119mm	120mm	119mm





GT4s

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.

Capable of up to **140 Atmospheric packs** per minute with a 7 impression tool, the **GT4s** system is packed with user-friendly benefits including our unique **ProMotion™** modular conveyor system.

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

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

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil 	<ul style="list-style-type: none"> 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
- AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT4s Specifications

Height	2187mm
Standard Length	3914mm
Width	975mm
Weight	1300kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

GT4s Sealing capacity

No. of trays	Width	Length	Depth	Diameter
One	300mm	988mm	120mm	300mm
Two	300mm	481mm	120mm	300mm
Three	300mm	312mm	120mm	300mm
Four	300mm	228mm	120mm	228mm
Five	300mm	177mm	120mm	177mm
Six	300mm	143mm	120mm	143mm
Seven	300mm	119mm	120mm	119mm

Metric

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

Imperial

Transformers are available to accommodate the electrical supplies in different countries



RED MEAT | POLYPROP



SEAFOOD | A-PET



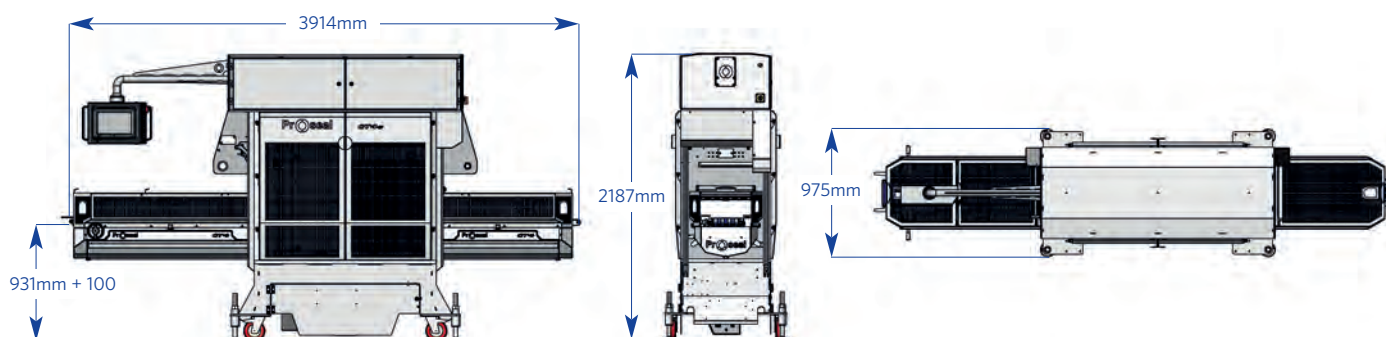
PRODUCE | A-PET



PUDDINGS | A-PET



FISH | SMOOTH WALL FOIL





GT4e

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

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Capable of producing up to **84 Vacuum/Gas packs** per minute with a 7 impression tool, the **GT4e** 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	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil 	<ul style="list-style-type: none"> Co-extruded and Laminated Polyester Films Foil Board Paper



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- 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
- Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- Skin** - Skin packaging sub flange
- Skin Plus** - Skin packaging up to 50mm above the tray flange
- Skin Deep** - Skin packaging up to 100mm above the tray flange
- 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
- AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT4e Specifications

Height	2187mm
Standard Length	3914mm
Width	975mm
Weight	1450kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

GT4e Sealing capacity

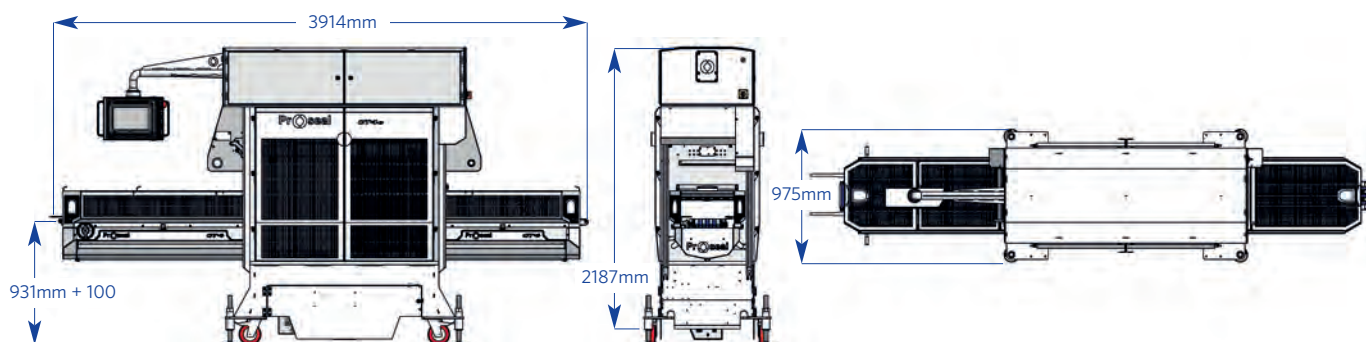
No. of trays	Width	Length	Depth	Diameter
One	300mm	988mm	120mm	300mm
Two	300mm	481mm	120mm	300mm
Three	300mm	312mm	120mm	300mm
Four	300mm	228mm	120mm	228mm
Five	300mm	177mm	120mm	177mm
Six	300mm	143mm	120mm	143mm
Seven	300mm	119mm	120mm	119mm

Metric

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Imperial

Transformers are available to accommodate the electrical supplies in different countries





GT4eX / Twin

The GT4eX / Twin is an automatic, large-capacity tray sealing system designed for high-speed production, efficiently cutting labour costs. Available in 2 formats; extra-wide-single-lane or twin-lane.

With increased production capacity the GT4eX has the ability to take packs up to 400mm wide, long edge leading, into the machine. Capable of **84 Vacuum/Gas packs** per minute on a 7 impression tool, the GT4eX system is packed with user-friendly benefits including our special lightweight, high-strength tooling.

Capable of **144 Vacuum/Gas packs** per minute on a 12 impression tool, the GT4eX-Twin is a high throughput modular, twin-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT4eX / GT4eX Twin Specifications

Height	2203mm
Standard Length	4064mm
Width	1265mm
Weight	1694kg + specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 20A)

Metric Imperial

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

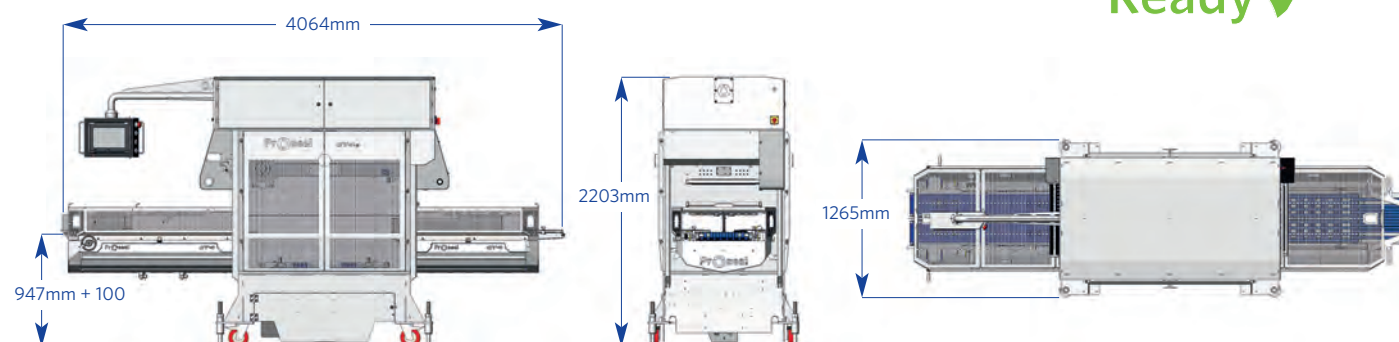
Transformers are available to accommodate the electrical supplies in different countries

GT4eX Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	420mm	838mm	120mm	420mm
Three	420mm	312mm	120mm	312mm
Four	420mm	227mm	120mm	227mm
Five	420mm	172mm	120mm	172mm
Six	420mm	143mm	120mm	143mm
Seven	420mm	119mm	120mm	119mm

GT4eX Twin Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Four	200mm	480mm	120mm	200mm
Six	200mm	312mm	120mm	200mm
Eight	200mm	227mm	120mm	200mm
Ten	172mm	172mm	120mm	172mm
Twelve	143mm	143mm	120mm	143mm
Fourteen	119mm	119mm	120mm	119mm





GT5s

Automatic, extra-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.

Capable of up to **160 Atmospheric packs** per minute with an 8 impression tool, the **GT5s** system is packed with user-friendly benefits including our unique **ProMotion™** modular conveyor system.

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

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

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil 	<ul style="list-style-type: none"> 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
- AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT5s Specifications

Height	2187mm
Standard Length	4213mm
Width	975mm
Weight	1408kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

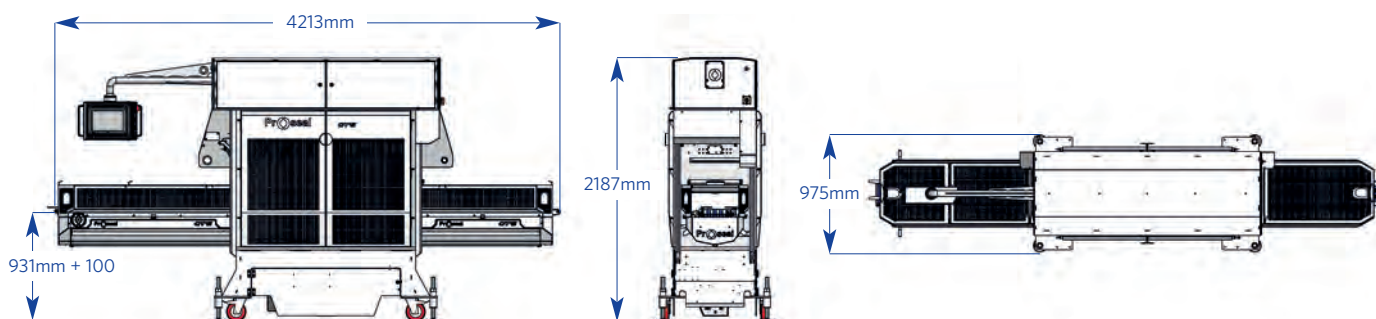
Metric Imperial

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

Transformers are available to accommodate the electrical supplies in different countries

GT5s Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	300mm	531mm	120mm	300mm
Three	300mm	346mm	120mm	300mm
Four	300mm	253mm	120mm	253mm
Five	300mm	197mm	120mm	197mm
Six	300mm	160mm	120mm	160mm
Seven	300mm	134mm	120mm	134mm
Eight	300mm	112mm	120mm	112mm





GT5e

Automatic, extra-large capacity, high-speed, in-line tray sealing system with full vacuum facility designed to cut labour costs.

Capable of **96 Vacuum/Gas packs** per minute on an 8 impression tool; the **GT5e** is a high throughput modular, single-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	
• R-PET	
• Polypropylene	• Foil
• PVC / Styrene	• Board
• Board / Paper	• Paper
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT5e Specifications

Height	2187mm
Standard Length	4213mm
Width	975mm
Weight	1408kg
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 15A)

Metric

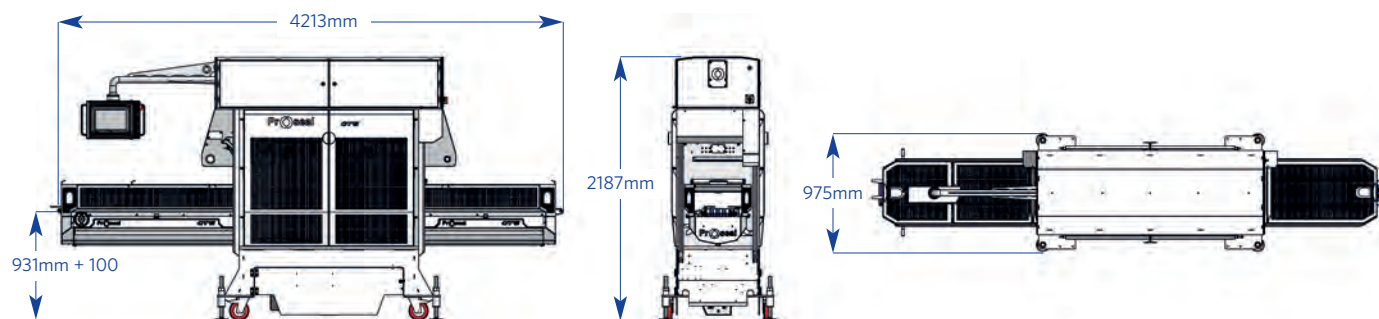
Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

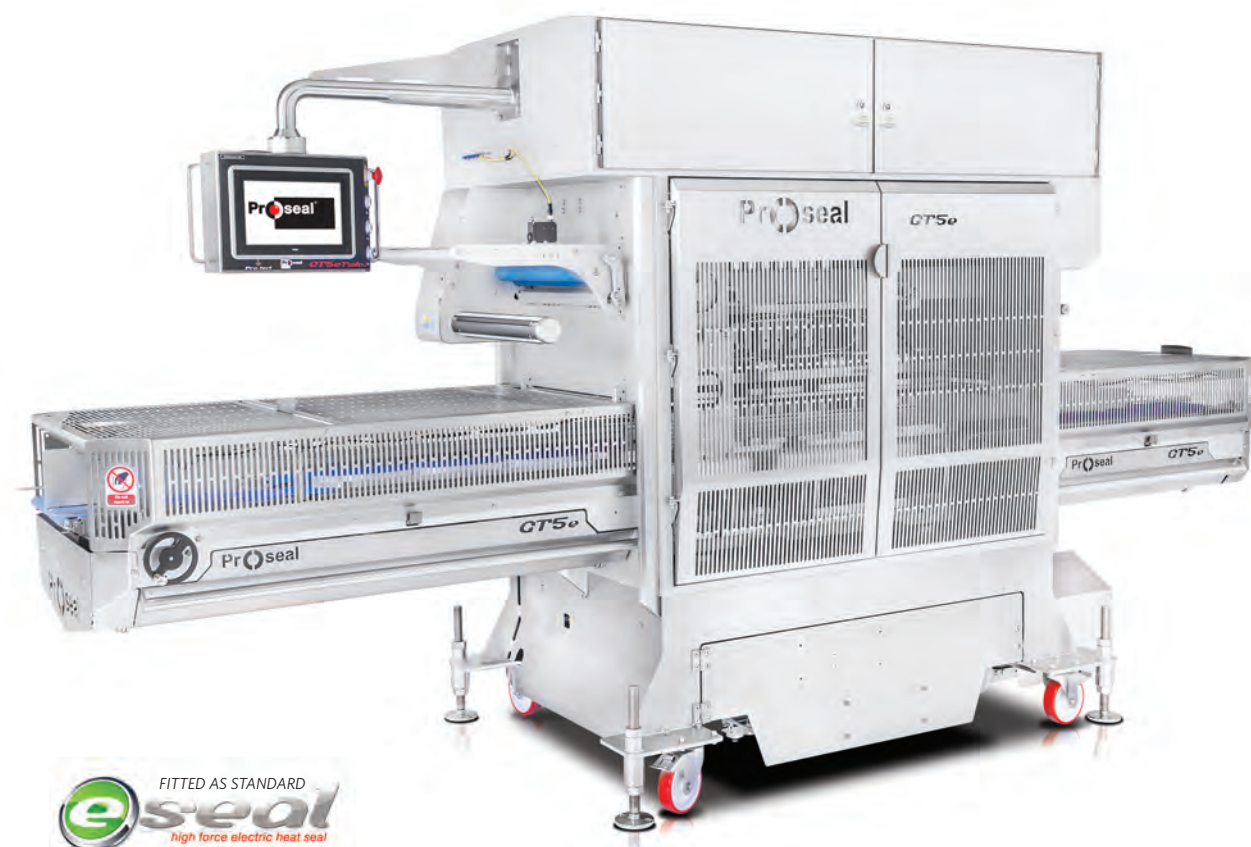
Imperial

Transformers are available to accommodate the electrical supplies in different countries

GT5e Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	300mm	531mm	120mm	300mm
Three	300mm	346mm	120mm	300mm
Four	300mm	253mm	120mm	253mm
Five	300mm	197mm	120mm	197mm
Six	300mm	160mm	120mm	160mm
Seven	300mm	134mm	120mm	134mm
Eight	300mm	112mm	120mm	112mm





GT5eX / Twin

The GT5eX/Twin is an automatic, large-capacity tray sealing system designed for high-speed production, efficiently cutting labour costs. Available in 2 formats; standard twin-lane or extra-wide-single-lane capable of taking packs up to 400mm wide long edge leading into the machine.

Capable of **168 Vacuum/Gas packs** per minute on a 14 impression tool; the **GT5eX-Twin** is a high throughput modular, twin-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

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

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT5eX / GT5eX Twin Specifications

Height	2187mm
Standard Length	4364mm
Width	1265mm
Weight	1795kg + specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 20A) 600V 3 phase (fused at 20A)

Metric Imperial

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries

GT5eX Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	420mm	531mm	120mm	420mm
Three	420mm	346mm	120mm	346mm
Four	420mm	253mm	120mm	253mm
Five	420mm	197mm	120mm	197mm
Six	420mm	160mm	120mm	160mm
Seven	420mm	134mm	120mm	134mm

GT5eX Twin Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Four	200mm	531mm	120mm	200mm
Six	200mm	346mm	120mm	200mm
Eight	200mm	253mm	120mm	200mm
Ten	197mm	197mm	120mm	197mm
Twelve	160mm	160mm	120mm	160mm
Fourteen	134mm	134mm	120mm	134mm



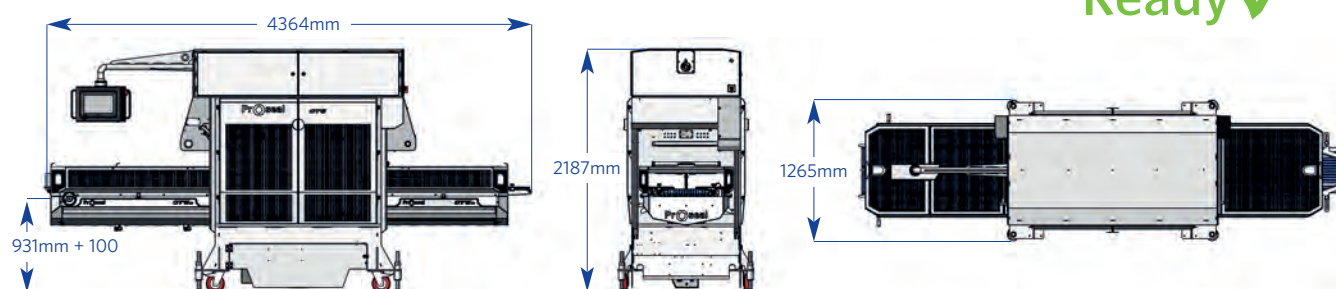
POULTRY | POLYPROP

FISH | POLYPROP

PUDDINGS | A-PET

PRODUCE | C-PET

READY MEALS | SMOOTH WALL FOIL





GT6e

Automatic, extra-large capacity, high-speed, in-line tray sealing system with full vacuum facility designed to cut labour costs.

Capable of **96 Vacuum/Gas packs** per minute on a 8 impression tool; the **GT6e** is a high throughput modular, single-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated
• A-PET	• Polyester Films
• R-PET	• Foil
• Polypropylene	• Board
• PVC / Styrene	• Paper
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

For tool handling equipment for this machine please see page 70

GT6e Specifications

Height	2237mm
Standard Length	4813mm
Width	975mm
Weight	1950kg
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 25A) 600V 3 phase (fused at 20A)

GT6e Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	300mm	631mm	120mm	300mm
Three	300mm	412mm	120mm	300mm
Four	300mm	303mm	120mm	300mm
Five	300mm	237mm	120mm	237mm
Six	300mm	193mm	120mm	193mm
Seven	300mm	162mm	120mm	162mm
Eight	300mm	139mm	120mm	112mm

Metric Imperial

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries



PRODUCE | FIBRE

READY MEALS | C-PET

RED MEAT | POLYPROP

PRODUCE | A-PET

POULTRY | POLYPROP



ATMOSPHERIC SEAL
15 CPM



GAS FLUSH
14 CPM



HERMETIC SHRINK
15 CPM



VACUUM/GAS
12 CPM



SKIN PACK
8 CPM



SKIN PLUS
6 CPM



SKIN DEEP
5 CPM

GT6eX / Twin

The GT6eX/Twin is an automatic, large-capacity tray sealing system designed for high-speed production, efficiently cutting labour costs. Available in 2 formats; standard twin-lane or extra-wide-single-lane capable of taking packs up to 400mm wide long edge leading into the machine.

Capable of **192 Vacuum/Gas packs** per minute on a 16 impression tool, the GT6eX-Twin is a high throughput modular, twin-lane, linear, heat-sealing system. It is designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multi-head weighers and labellers, combining into a stand-alone, fully automatic production line.

At the core of the 'e' design is its flexibility to perform any style of heat seal to a pre-formed tray, be that atmospheric, MAP, VMAP, Skin, Skin Plus, or Skin Deep. Each of these options can be added now or at a later date, or indeed removed as necessary. This flexibility provides the user with the assurance that whatever the latest packaging trend might be, they have equipment suitably geared for the future.

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

Packaging Materials

Trays	Lidding
• C-PET	• Co-extruded and Laminated Polyester Films
• A-PET	• Foil
• R-PET	• Board
• Polypropylene	• Paper
• PVC / Styrene	
• Board / Paper	
• Smooth Wall Foil	



Standard design features and benefits

- Five 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
- Integration of peripheral equipment, such as: infeed and outfeed conveyors, checkweighers, metal detectors and printers.
- 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
- **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

GT6eX / GT6eX Twin Specifications

Height	2237mm
Standard Length	4963mm
Width	1265mm
Weight	2300kg + specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 25A) 600V 3 phase (fused at 20A)

Metric

Pressure	Flow	Pressure	Flow
6 Bar	50L/Min	87psi	1.7CFM
Required Supply for Skin Machine (SD spec)			
6 Bar	707L/Min	87psi	25CFM

Transformers are available to accommodate the electrical supplies in different countries

Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O₂) gas flush
- **Vacuum** - used for applications such as retorting or for when the lid level needs to be controlled
- **Vacuum Gas** - ideal for where residual gas levels have to be sub 1%
- **Skin** - Skin packaging sub flange
- **Skin Plus** - Skin packaging up to 50mm above the tray flange
- **Skin Deep** - Skin packaging up to 100mm above the tray flange
- **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
- **AutoCoding Ready** - **For more details see page 76**
- Sale, Lease Purchase and Rental options available

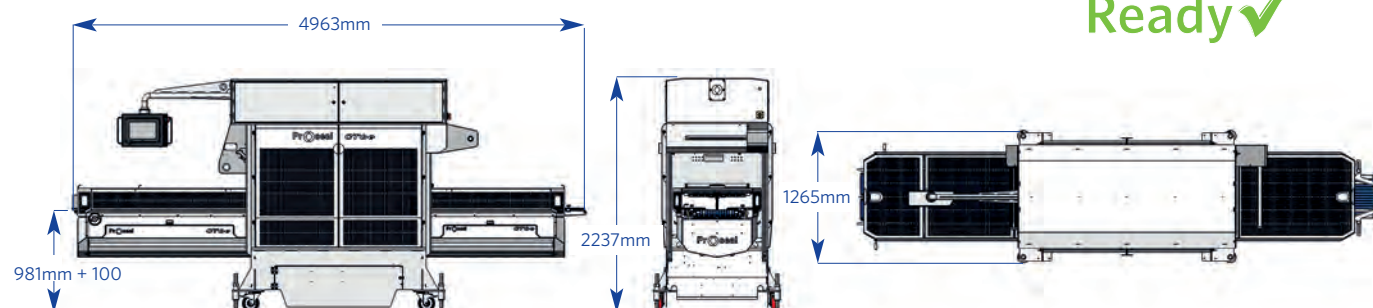
For tool handling equipment for this machine please see page 70

GT6eX Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Two	420mm	631mm	120mm	420mm
Three	420mm	412mm	120mm	412mm
Four	420mm	302mm	120mm	302mm
Five	420mm	237mm	120mm	237mm
Six	420mm	193mm	120mm	193mm
Seven	420mm	162mm	120mm	162mm
Eight	420mm	138mm	120mm	138mm

GT6eX Twin Sealing capacity

No. of trays	Width	Length	Depth	Diameter
Four	200mm	631mm	120mm	200mm
Six	200mm	412mm	120mm	200mm
Eight	200mm	302mm	120mm	200mm
Ten	200mm	237mm	120mm	200mm
Twelve	193mm	193mm	120mm	193mm
Fourteen	162mm	162mm	120mm	162mm
Sixteen	138mm	138mm	120mm	138mm





GTSV

The **GTSV** is the world's first MA (Modified Atmosphere) carton sandwich wedge erecting and sealing machine.

A high throughput carton sandwich wedge de-nest and erect, Vacuum/Gas sealing machine, capable of up to **50 packs** per minute in the Vacuum/Gas cycle. An Atmospheric Seal mode is available, capable of up to **70 packs** per minute. This machine has a unique 3 axis carton sandwich wedge transfer system, enabling the sandwich cartons to be conveyed on hygienic carriers that have a single point size adjustment.

Able to handle a wide variety of carton sandwich wedge sizes, and with a sub 5 minute size change over, the **GTSV** is perfect for users requiring maximum throughput with the minimum of labour.

The **GTSV** has station options for label applicators and printers offering the customer a turnkey production line solution for carton sandwich packaging.

Packaging Materials

Trays

- Carton Sandwich Wedges

Standard design features and benefits

- All stainless steel and aluminium construction
- Fully automatic carton de-nesting and erecting with quick size change
- 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
- Internet connection for remote monitoring and fault diagnostics
- Fully integrated control of machine and ancillary equipment
- Servo driven 3 axis carton sandwich wedge handling system for perfect presentation
- Automatic carton sandwich wedge eject
- Can run carton widths up to 110mm with ultra-quick size change
- Diagnostic system
- Pendant mounted colour touch screen HMI control for full double-sided operation
- Recipe driven auto machine set-up for tool change
- Automatic tool clamp for mechanical and electrical connection
- V style out feed conveyor gives excellent presentation of packs to Laser date coders and labelling equipment
- Eseal®** - high-performance, high-precision, high-force, energy-efficient, electric seal system that boasts a massive increase in seal force

Options available

- Vacuum Gas Flush MAP (Modified Atmosphere Packaging)** for extended shelf life
- Laser printer for on-line date coding
- Video recognition for packaging verification
- Label applicator
- 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
- Remote live windows based link for production monitoring and trends
- Down-stream integration with check weigh and metal detector
- Hot Rod™** - long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Sale, Lease Purchase options available



SANDWICHES | BOARD



SANDWICHES | BOARD

GTSV Specifications

Height	2472mm
Standard Length	8488mm minimum - Overall length to suit customer requirements
Width	1332mm
Weight	specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 20A)

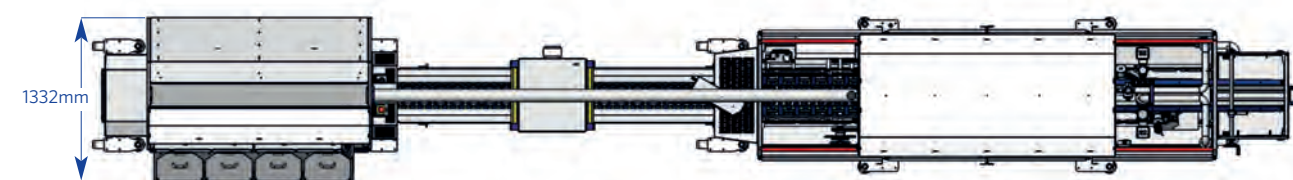
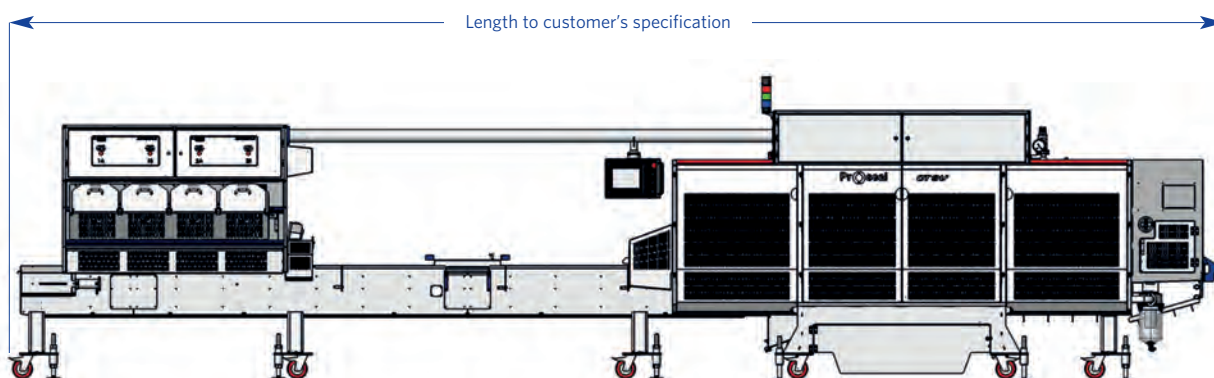
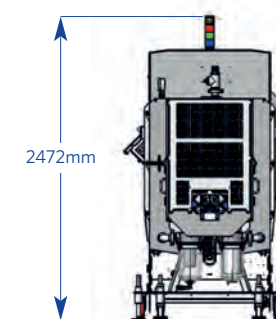
Metric Imperial

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

Transformers are available to accommodate the electrical supplies in different countries

GTSV Sealing Capacity

65mm up to 105mm wide sandwich pack sizes





SP45 / SP60 / SP90

The SP45/60/90 is a linear conveyor, sandwich-packing range capable of sealing up to 45/60/90 packs per minute respectively on a 2/4/6 impression tool.

It is a high throughput modular, linear tray sealing system designed to de-nest, erect and seal cardboard sandwich skillets.

A high-speed platen style sandwich-packing machine, specifically designed to reduce labour costs involved with packing sandwiches into cardboard sandwich skillets. Capable of handling a wide variety of sandwich skillets, and with 5 minute skillet size change time, the SP range is perfect for users requiring maximum throughput with the minimum of labour.

Easily integrated with other production line equipment.

Packaging Materials

Trays

- Carton Sandwich Wedges

Standard design features and benefits

- Low maintenance polymer bearings
- 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
- All around seal only (No Cut) for packs with pre-cut or hinged lids
- Automatic seal operation with accurate seal dwell time
- 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
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Modular design allows customer to specify conveyor length, width and tray pitch
- Fully integrated control of machine
- A high specification conveyor drive system provides full control of the linear acceleration, deceleration and velocity of product movement and eliminates spillage
- Automatic tray eject allowing post seal operations to be carried out efficiently
- Can run skillet widths from 60mm to 105mm
- All size changes done by line operators

Options available

- Sandwich Pack Sealing for Card, Recyclable and Non-Recyclable Plastic
- Integration of peripheral equipment
- Touch screen controls
- Servo driven conveyor
- Tray/sandwich skillet coding and printing
- Automatic sandwich skillet de-nesting, erecting and placing system
- Stainless steel sandwich transfer conveyor
- Automatic lid pick and place for separate sandwich skillet and pre-cut lid applications
- 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
- Tray ejection, collation and orientation options
- Sale, Lease Purchase and Rental options available

SP45 / 60 / 90 Specifications

Height	2030mm
Standard Length	length to customer's specification
Width	SP45 1385mm SP60/90 1632mm
Conveyor Plate Width	SP45 300mm SP60/90 500mm
Weight	specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 25A) 600V 3 phase (fused at 20A)

Transformers are available to accommodate the electrical supplies in different countries

Pneumatic Supply

Bespoke Air supply as per customer specification

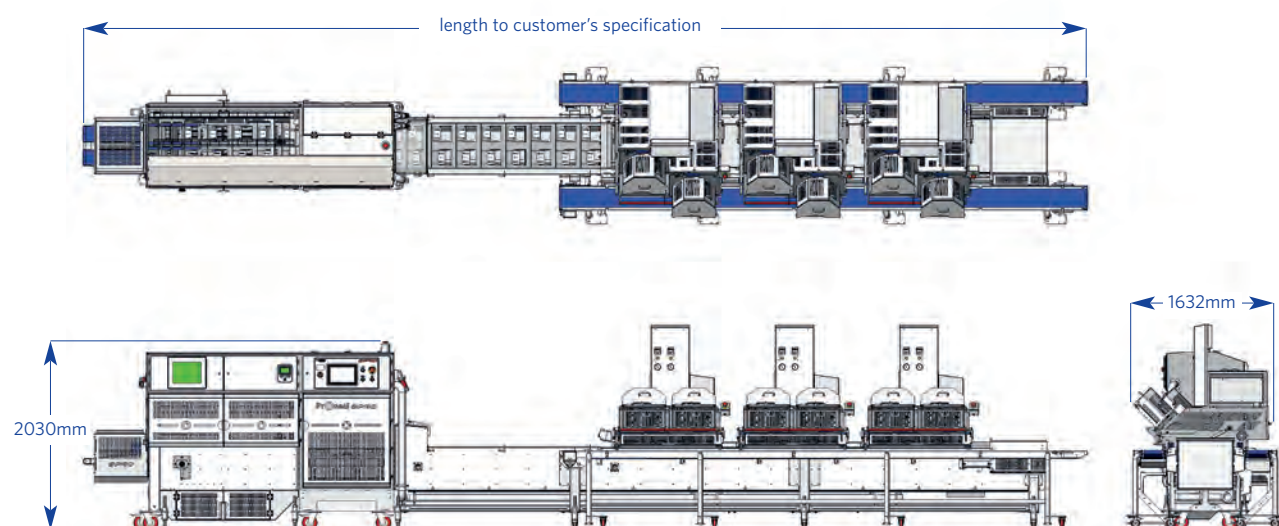


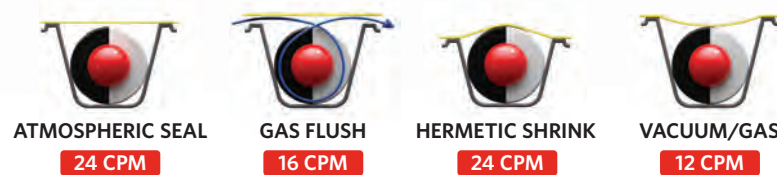
SANDWICHES | BOARD



SANDWICHES | BOARD

SP60 / 90





AP60

Linear conveyor, tray sealing system capable of sealing up to 240 packs per minute.

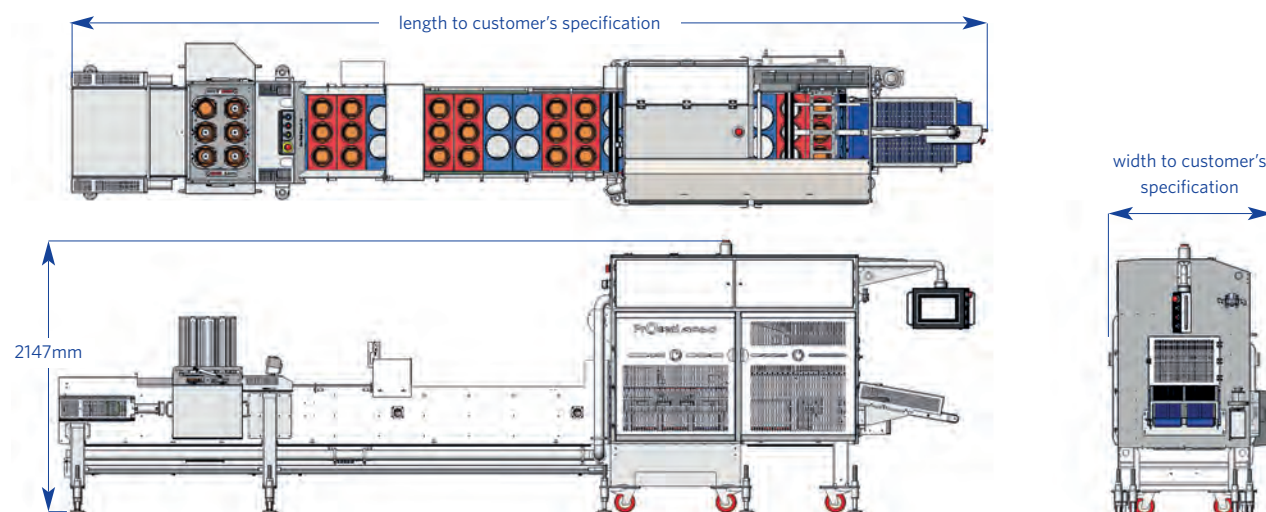
The AP60 provides the flexibility required by food producers looking for a fully automated turnkey production line. The customer can specify the length and width of the indexing conveyor to accommodate their tray de-nesting and filling requirements.

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

Easily integrated with other production line equipment.

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> C-PET A-PET R-PET Polypropylene PVC / Styrene Board / Paper Smooth Wall Foil Cardboard Sandwich Skillets 	<ul style="list-style-type: none"> Co-extruded and Laminated Polyester Films Foil Board Paper



Standard design features and benefits

- 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
- All around seal only (No Cut) for packs with pre-cut or hinged lids
- 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 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
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Active film tension
- Pendant mounted colour touch screen HMI control
- Modular design allows customer to specify conveyor length, width and tray pitch
- Variable pitch indexing conveyor will accommodate tray and lid dispensers, filling and weighing heads
- Fully integrated control of machine, tray and lid dispensers, filling and weighing heads
- A high specification conveyor drive system provides full control of the linear acceleration, deceleration and velocity of product movement and eliminates spillage
- Automatic tray eject allowing post seal operations to be carried out efficiently

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
- Sandwich Pack Sealing for Card, Recyclable and Non-Recyclable Plastic
- Optional 'Auto Tool' Touch of a button tool change automatically locates and connects machines tooling
- Film snap detection
- Integration of peripheral equipment
- Remote diagnostics modem
- Pneumatic film core clamp
- Self-centring tray guides
- Deep tray option (up to 120mm)
- Vacuum
- Automatic film roll clamping
- Touch screen controls
- Automatic tray denesting
- Automatic lid pick and place
- Automatic lid over-capping
- Integrated air and electrical outlets along the machine length for auxiliary equipment
- Filler integration
- Labeller integration
- On-line weighing
- Servo driven conveyor
- Tray/sandwich skillet coding and printing
- Stainless steel sandwich transfer conveyor
- Automatic lid pick and place for separate sandwich skillet and pre-cut lid applications
- 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
- Tray ejection, collation and orientation options
- Hot Rod™** - long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Sale, Lease Purchase and Rental options available

AP60 Specifications

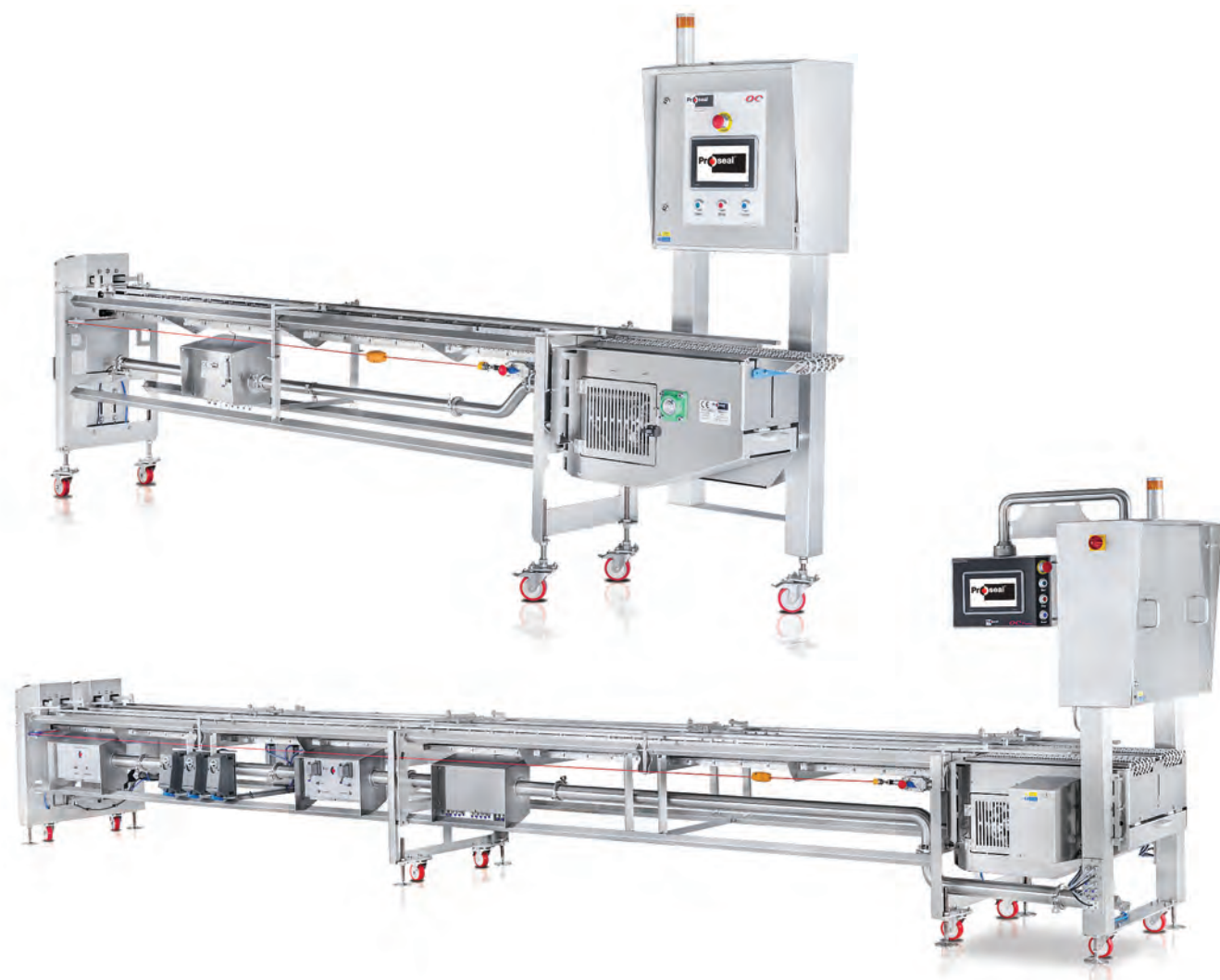
Height	2147mm
Standard Length	length to customer's specification
Width	width to customer's specification
Conveyor Plate Width	250mm to 800mm
Weight	specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 32A)
Transformer Variations	480V 3 phase (fused at 25A) 600V 3 phase (fused at 20A)

Transformers are available to accommodate the electrical supplies in different countries

Pneumatic Supply

Bespoke Air supply as per customer specification





OC Conveyor / Twin

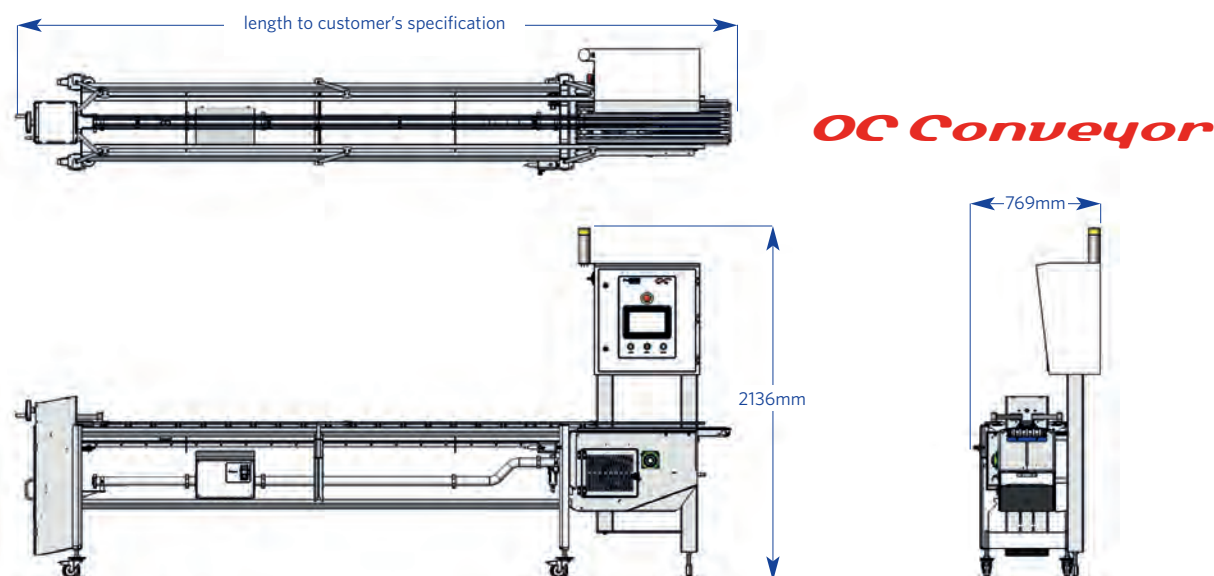
An open-style, linear/twin-lane conveyor with an intelligent filler control system.

A high throughput modular tray conveyor and filler control system, available in either single or twin-lane configuration. This range is designed to integrate with auxiliary equipment (such as tray de-nesters, fillers, multi-head weighers) and to feed filled trays seamlessly into any in-line automatic machine – including the **GT0**, **GT1**, **GT2** or **GT3** – to create a fully automatic production line.

Easily integrated with other production line equipment.

It has throughput speeds of up to **60 packs** per minute in continuous mode and **45 packs** per minute in indexing mode with 0.5 second fill dwell in single lane, and **120 packs** per minute in continuous mode and **90 packs** per minute in indexing mode with 0.5 second fill dwell in twin lane.

The **OC Conveyor/Twin** provides the flexibility required by food producers looking for a fully automated, turnkey production line with rapid product and tray type changeover in under 5 minutes.



Standard design features and benefits

- Low maintenance polymer bearings
- Maintenance friendly robust construction
- 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
- Recipe driven auto machine set-up for pack change
- Modular design allows customer to specify conveyor length, width and tray pitch
- Variable pitch indexing conveyor will accommodate tray and lid dispensers, filling and weighing heads
- Fully integrated control of machine, tray and lid dispensers, filling and weighing heads
- A high specification conveyor drive system provides full control of the linear acceleration, deceleration and velocity of product movement and eliminates spillage
- QC button for one shot filling single pack
- Self-centring tray guides

Options available

- Integration of peripheral equipment
- Automatic tray de-nesting
- Automatic lid pick and place
- Automatic lid over-capping
- Integrated air and electrical outlets along the machine length for auxiliary equipment
- Filler integration
- Labeller integration
- On-line weighing
- Servo driven conveyor
- **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
- Travelling motion filler heads
- Sale, Lease Purchase and Rental options available

OC Conveyor / Twin Specifications

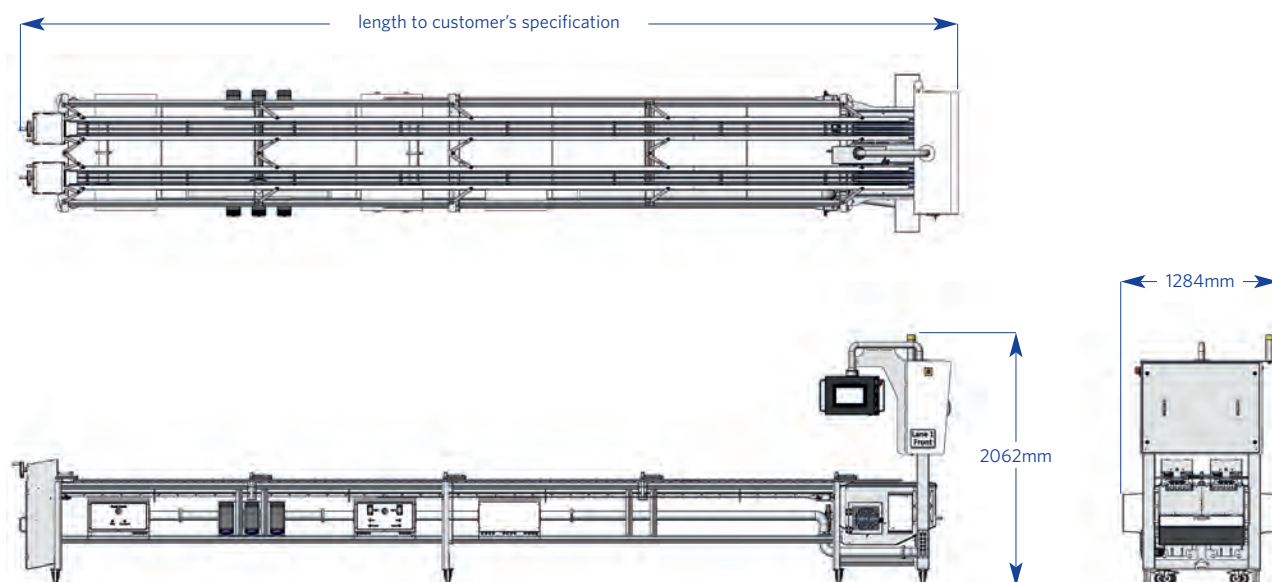
Height	2136mm (Single) / 2062mm (Twin) chain height 900mm + or - 75
Standard Length	length to customer's specification from 2m of filling length up to 20m
Width	769mm (Single) / 1284mm (Twin)
Weight	specification dependent
Electrical Supply	400V 3 phase + neutral (fused at 16A)
Variations	208V 3 phase (fused at 30A)

Transformers are available to accommodate the electrical supplies in different countries

Pneumatic Supply

Bespoke Air supply as per customer specification

OC Conveyor Twin





SC Conveyor

A flat belt style product transfer conveyor.

The **SC Conveyor** is a modular, flat belt product assembly conveyor. With an all stainless steel construction and hygienic design, it features an easy-clean belt and speed control.

It can be specified with a full control system for auxiliary equipment such as volumetric fillers, tray de-nesters and weighing stations.

Standard design features and benefits

- Maintenance friendly robust construction
- Food industry approved hygienic construction and wash-down protection
- Food safe polyurethane belts, with the option to include white indicator lines for tray positioning
- Cantilevered quick release design allows for simple belt removal and hygiene access
- Integrated belt lifters for easy cleaning of the belts and machine

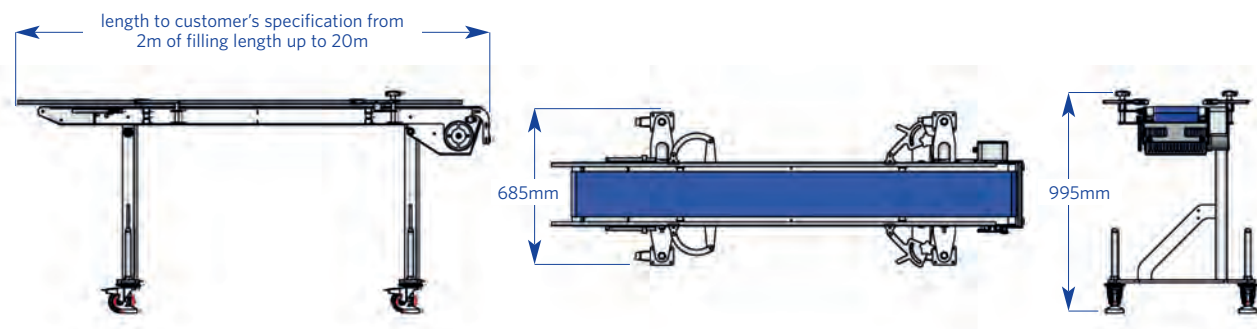
Options available

- Automatic tray de-nesting
- Integrated air and electrical outlets along the machine length for auxiliary equipment
- Sale, Lease Purchase and Rental options available

SC Conveyor Specifications

Height	995mm
Standard Length	length to customer's specification from 2m of filling length up to 20m
Width	685mm
Weight	specification dependent
Electrical Supply	230V single phase (fused at 16A)
Transformer Variations	208V 2 phase (fused at 15A)

Transformers are available to accommodate the electrical supplies in different countries



Slipstream Conveyor

The **Slipstream Conveyor** is a fully automatic conveyor designed to accept a stream of single trays and separate them into twin-lane format. It has intelligent control and is fully compatible with our in-line **GT Twin** machinery range.

Standard design features and benefits

- Maintenance friendly robust construction
- Food industry approved hygienic construction and wash-down protection
- Buildback sensor

Slipstream types

- High speed shuttle system
- Servo paddle arrangement

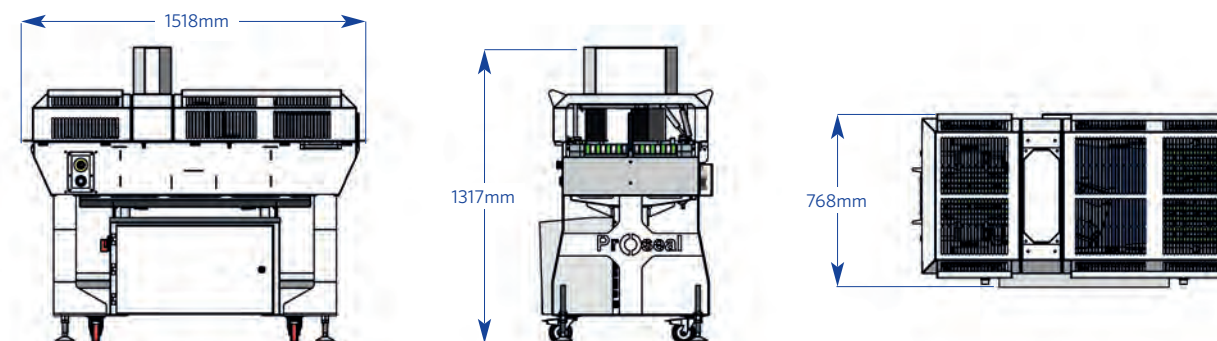
Options available

- Multi lane configuration
- Checkweigher integration with reject lane
- Sale, Lease Purchase and Rental options available

Slipstream Conveyor Specifications

Height	1317mm Belt height 883mm
Standard Length	1518mm
Width	768mm
Weight	400kg (model dependent)
Pneumatic Supply	2 CFM @ 15 cycles per minute (specification dependent)
Electrical Supply	230V single phase (fused at 16A)

Transformers are available to accommodate the electrical supplies in different countries





CP3™

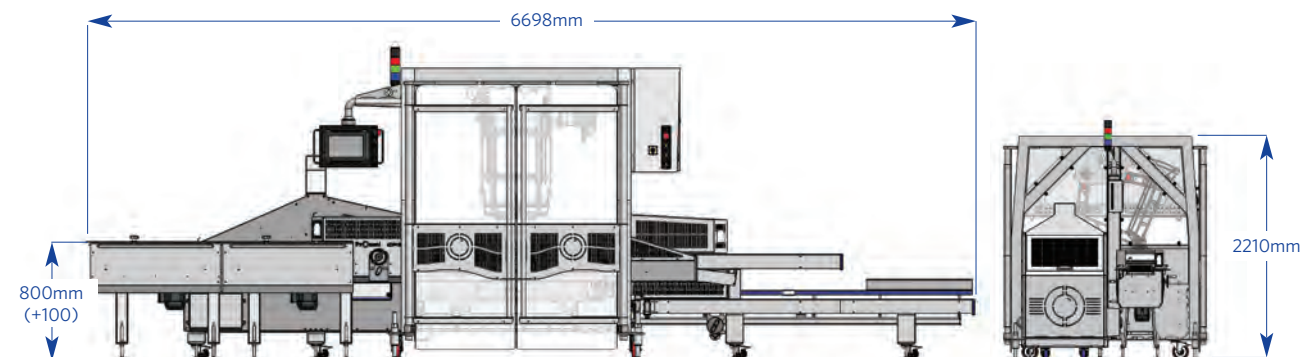
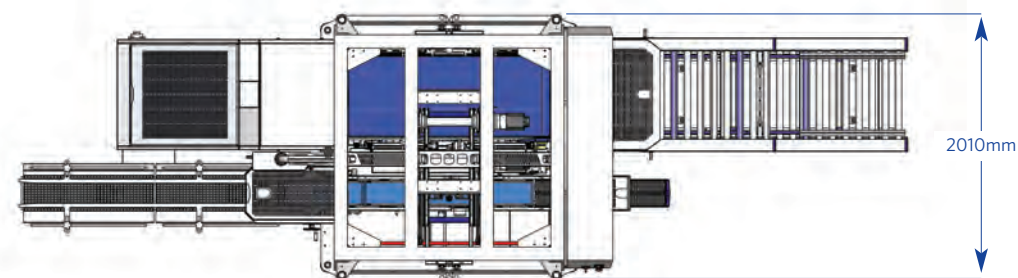
AutoCoding™
Ready✓

The CP3™ is a fully automatic case packing system.

Our philosophy is to complete the retail packing line in exceptional time, with exceptional efficiency and light weight power consumption technology, delivering blistering performance with the CP3's compact footprint.

Capable of up to **120 packs** per minute with variable, quick-changeover tooling, we maintain Proseal's values within our case packing machinery solution.

At the core of the design is our tried and tested **ProMotion™** intelligent, non-stop, tray infeed system, with millions of miles now on the clock, it is an obvious vehicle to use for this crucial part of the packaging process. Allied to this efficiency principle is common Proseal spare parts, shared across our tray sealing and case packaging range, and other industry leading Proseal features.



Standard design features and benefits

- **ProMotion™** - a high accuracy continuous motion tray infeed system, which increases production speed whilst reducing machine duty
- **ProTect™** - a contactless machine login and audit trail system
- **ProVision™** compatibility
- 1-2m Soft touch tray buffering conveyor
- Automatic filled crate discharge
- Auto tool technology for pack format changes
- 100m per hour vacuum pump supplied as standard
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- **QRconveyors™** with quick release belts for easy hygiene and maintenance
- 2 Axis delta robotic operation
- Self-centering guides
- Compatible with modern board materials

Options available

- Pack orientating conveyor
- Bespoke crate delivery and discharge conveyors to fit into your complete factory layout
- Increased length of buffering conveyor for higher speeds
- Additional crates fill for higher speeds
- Integration of peripheral equipment, such as: case erectors, existing crate delivery system, labellers and coders.
- Multiple quick change end effector options
- **AutoCoding Ready** - For more details see page 76
- Sale, Lease Purchase and Rental options available



CP3™ Specifications

Height	2210mm
Standard Length	length to customer's specification
Width	2010mm
Weight	specification dependent
Electrical Supply	415V 3 phase + neutral (fused at 16A)

Transformers are available to accommodate the electrical supplies in different countries

Metric

Imperial

Pressure	Flow	Pressure	Flow
6 Bar	226L/Min	87psi	8CFM



PORK | C-PET



PUDDINGS | A-PET



SANDWICHES | BOARD



BEVERAGE | A-PET



SOFT FRUIT | BOARD



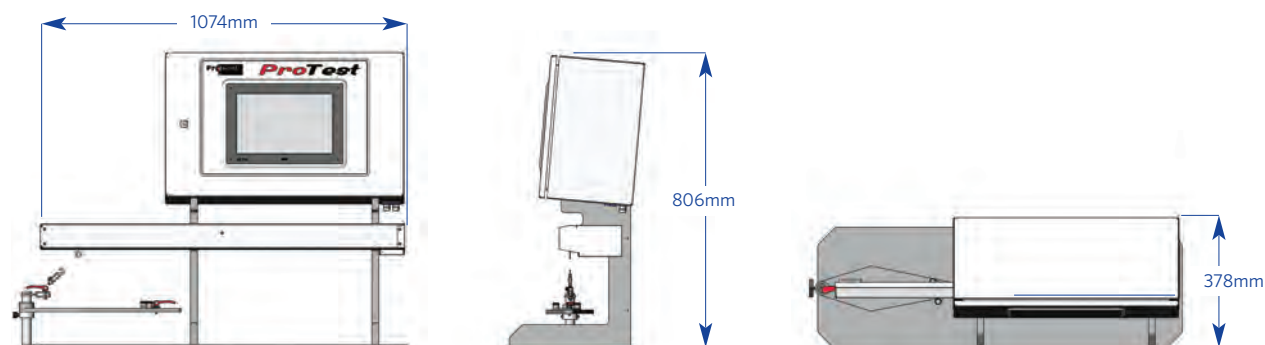
Existing equipment is available to test the 'burst strength' of a seal by using the limits of pressure or weight it may support, however, until now, there has been no single piece of equipment developed to measure the 'peelability' of a sealed tray.

The Proseal **ProTest™** is able to do just that: analyse, record and report the force required to peel a lid from a tray, enabling the user to determine if the seal strength is suitable for the product's life-cycle.

ProTest™ takes the guessing out of tray-sealing and peeling; The **ProTest™** is an automated lid-peeling device, designed to measure and report the resistance offered by the film as it separates from the tray during the moment of lid peeling.

Packaging Materials

Trays	Lidding
<ul style="list-style-type: none"> • C-PET • A-PET • R-PET • Polypropylene • PVC / Styrene • Board / Paper • Smooth Wall Foil 	<ul style="list-style-type: none"> • Co-extruded and Laminated Polyester Films • Foil • Board • Paper



Standard design features and benefits

With its easy set-up, the user can specify the strength of peel required for the specific product, process, material or environment of their production facility.

Having a **ProTest™** on site gives up-to-date, line-by-line seal integrity analysis, cutting out the need to send samples off site for costly, third-party testing.

The **ProTest™** is capable of retaining, displaying and outputting test data, allowing the user to export the information. Once exported it's possible to compare up to five test results against one another simultaneously, in a variety of formats.

Reports are initially generated for review on the machines built-in, 12-inch, high-definition touchscreen. Alternatively, this data can be quickly exported via Ethernet or USB device. The exported data provides the user with traceability records and assurance of peel strengths maintained throughout production. The understanding of peel strength both before and during the production process can be a priceless tool in solving any seal issues.

ProTest™ is designed with a user-friendly interface for simple operation. The unit is robust, self-contained and very simple to operate, requiring only 1200mm x 400mm of bench space. **ProTest™** is designed to be flexible to suit the vast majority of trays used in the market place.

- Sale, Lease Purchase and Rental options available

Technical specification

Compact, bench-top testing equipment suited to any working environment.

ProTest™ Specifications

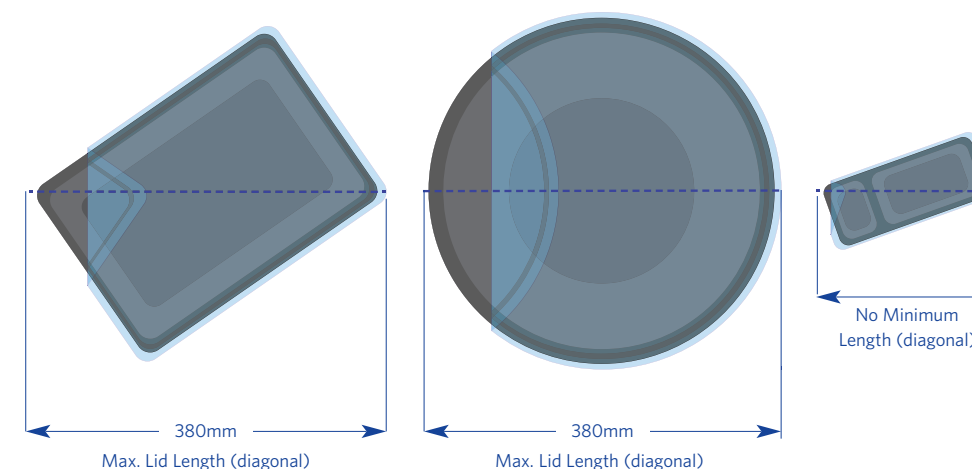
Height	806mm
Standard Length	1074mm
Width	378mm
Weight	51kg
Electrical Supply	230V

ProTest™ Tray Capacity

Tray Depth Max	120mm
Diagonal Pull Max	380mm

ProTest™ is designed to be flexible to suit the vast majority of trays used in the market place.

The maximum diagonal pull the machine is capable of is a diagonal tray diameter of 380mm. There is no limit to the shape of the tray or how small it can be.



READY MEAL | C-PET

POULTRY | POLYPROP

READY MEAL | SMOOTH WALL FOIL

PRODUCE | A-PET

FISH | BOARD



GT-Max

Increased tray sealing capacity within the existing machine footprint

Due to the demands on precious production time and the reality of limited line lengths within many factories, we have developed the Max enhancement to our compact tray sealing machines, to help get the absolute maximum from the space and time available in your production.

The **Max** system is compatible with all seal cycle formats including Skin Deep, meaning you can employ this capacity increasing technology regardless of the seal function your machine may be performing.

The **Max** system is an option on GT0, GT1 and GT2 's' and 'e' machines and can often be retrofitted to existing machines with relative ease.

GT0s/e machines	GT1s/e machines	GT2s/e machines
linear capacity increased by	linear capacity increased by	linear capacity increased by
18%	10%	9%



CAPACITY

Machine capacity increased by up to 18%, fitting more impressions into a single cycle, resulting in a faster and more efficient production.



COMPACT

The **Max** modification works within the existing machine chassis so does not alter machine footprint. This means line length remains as compact as possible.



RETROFITTED

Like all Proseal innovations the **Max** system is designed to be retrofitted to all existing GT0, GT1 and GT2 's' and 'e' platform machines.



FLEXIBLE

Allows machines to utilise existing tool sets as well as new **Max** tool formats keeping your Proseal machine as flexible as possible.



Cartridge Tooling

Modular, quick release tool design

Due to the demands on valuable production time, the failure of a small component within the heat sealing tool, can cause a significant and costly amount of down time, as the tool set must be removed from the machine to be disassembled and the failed component replaced.

In order to minimise the extent of down time caused in this situation, Proseal have developed a modular tooling design. This Cartridge design enables an entire top tool impression to be swapped for a healthy spare unit within minutes, without the need to remove the tool set from the machine.

Each pre-assembled Cartridge contains all of the core top tool components required to perform the heat sealing process (blade, heater, thermocouple, springs).



Benefits of Cartridge Tooling

- Easy access tool maintenance
- Spare cartridge supplied with every cartridge tool for quick replacement
- No need to reduce throughput on the machine in the event of a failure
- Less down time, minutes rather than hours!
- Each cartridge contains all of the hard-working wear parts in the top tool





Tool Storage and Handling

Tool Storage and Loading options are available for all of our in-line GT Range of machinery.

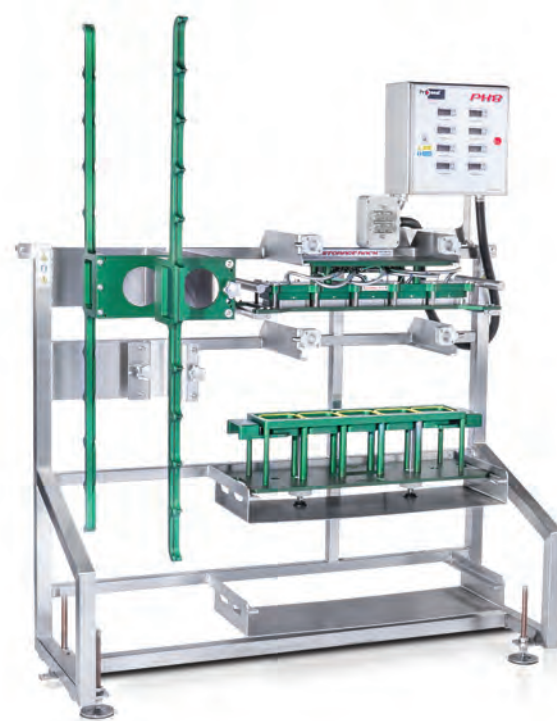
Tool Storage Rack

The importance of proper tool storage cannot be overstated. Correctly storing a heat seal tool will protect the investment from damage in busy and arduous production environments.

Ensuring that important elements of the tool are properly protected will keep its heat seal function consistent, reliable and operating within the original parameters it was designed for.

Tool Preheat

A pre-heat station can be vital to improve overall equipment performance. A tool can be pre-heated to a user selectable temperature thereby reducing product changeover times. The pre-heat is mounted to a tool storage rack for ease of connection.



Tool Loading

The use of a tool loading trolley is a mandatory Health and Safety requirement for all 'e' Range equipment where vacuum systems are employed, twin lane machines and for machines larger than a GT2 single lane.

Significant innovations

Proseal is constantly striving to develop new machines to add to their range whilst continuing to update and improve existing machines.

Latest developments include advanced touch screen control with on-board features such as RFID technology for user login, and full audit trail for historic parameter adjustments. The use of cloud based technology has allowed our **ProVision™** system to come to life where users can access OEE data from internet devices such as tablets and smartphones.

Interpolated servo control throughout the machine range has, through continuous motion, allowed an increase in throughput whilst at the same time providing calm movement of the product throughout the cycle.

An important feature to note is that all new features can be retro fit onto existing GT machinery ensuring that the user has continued access to the latest developments. We also work closely with supermarkets and packaging suppliers on the development of new environmentally friendly, aesthetically pleasing and functionally enhanced food packaging and have been at the forefront of some of the latest innovations now seen in the market.

We consider the operator, the engineer and the accountant throughout the development phase. We strive to offer tangible benefits to each through higher levels of reliability, greater simplicity, a smaller footprint, greater ease of use and lower cost of ownership and greater return on investment.

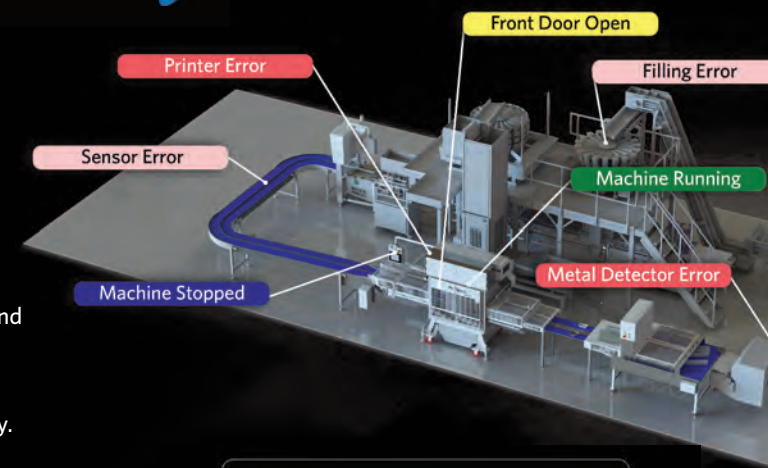
The use of alternative packaging materials and the drive to broaden our portfolio of products has seen extensive developments in the field of cardboard packaging and pre-cut foil-sealing systems.



ProVision™ is an automated, accurate, real-time data capture and analysis platform for Proseal's GTe and GTs range.

ProVision™, Proseal's Industry 4.0 offering, uses cutting-edge technology to deliver valuable information when and where it's needed. Users can view a production line's performance in real-time, and analyse it historically.

Use Big Data to unlock the full potential of your Proseal machine, maximising its production capacity.



ProVision™ provides the raw data and the tools to:

- View performance in real-time
- Analyse historical data
- Identify production bottlenecks
- Maximise efficiency
- Unlock the full potential of your Proseal machine



Proseal's patent-protected automatic tray-positioning system, **ProPosition™**, is a brand new innovation, meaning the Proseal tray sealing machine is able to teach itself the required tray-spacing set-up parameters for any given tool-set.

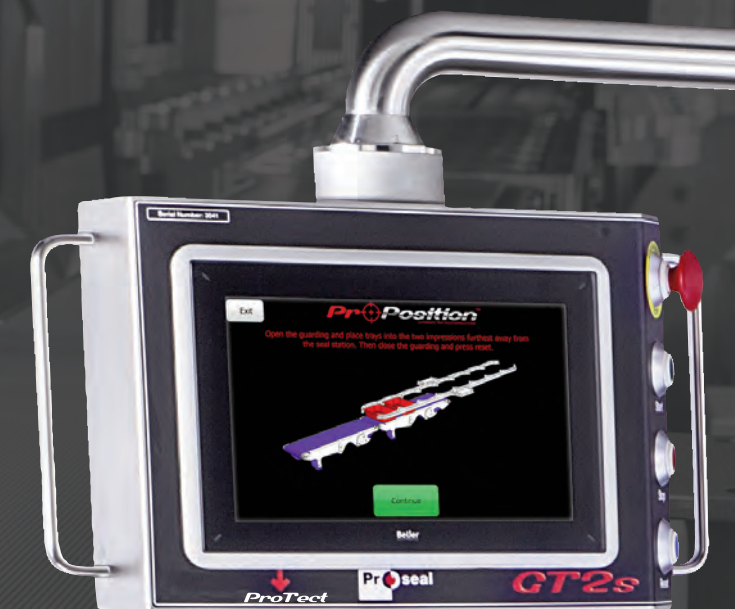
Tool set-up, once a process of trial and error, is now a simple one-step process with easy to follow animated on screen instructions.

ProPosition™ removes operator error by using a series of sensors and learned measurements to automatically position trays for the perfect pick-up every time.

The intelligent system permanently saves the pertinent parameters for each tool, so that the information is ready to be reloaded with the machine recipe during product change-over.

ProPosition™ benefits

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





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

Benefits of Proseal **ProTect™** System

- Prevents unauthorised access to machine settings
- Can be operated with non-contact access cards
- 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 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 recording
- Can export all data to other computer systems



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 **QRConveyors™** are complete with an ingenious 'pop up' feature for speed of replacement thereby making the removal and replacement process complete in less than two minutes.



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

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 operations.

Benefits of **ProMotion™**

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



Due to the demands on precious production time, 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.

Water ingress 'protected'

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

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 reduced seal times



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.

Benefits of the NEW **Eseal®** System

- Significantly reduces machine air consumption
- Improves seal quality as the seal force is increased by up to 200%
- Give 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 process
- Can potentially reduce gas flush cycle times



Skin² is a fresh approach to skin packaging, designed to overcome the stigma of slow production associated with vacuum skin application.

The desire to develop **Skin²** was born out of simple requirements; to run high speed production without complicated sealing systems and reduce onerous wear on engineering teams' valuable time.

Skin² Benefits

- Up to 100% increase in output
- 25% cheaper tooling cost
- Simplified seal process
- Reduced maintenance requirements
- Enhanced aesthetics with a fully contoured film cut





Let's get smarter!

A sister company to Proseal, we offer world class factory automation solutions centred around the packaging line. With the ability to integrate into Proseal equipment, we have extended our reach into tray sealing and case packing. Customers can confidently error-proof their packaging lines from primary pack, secondary pack and through to pallet.



Software Solutions for Smart Packaging Lines

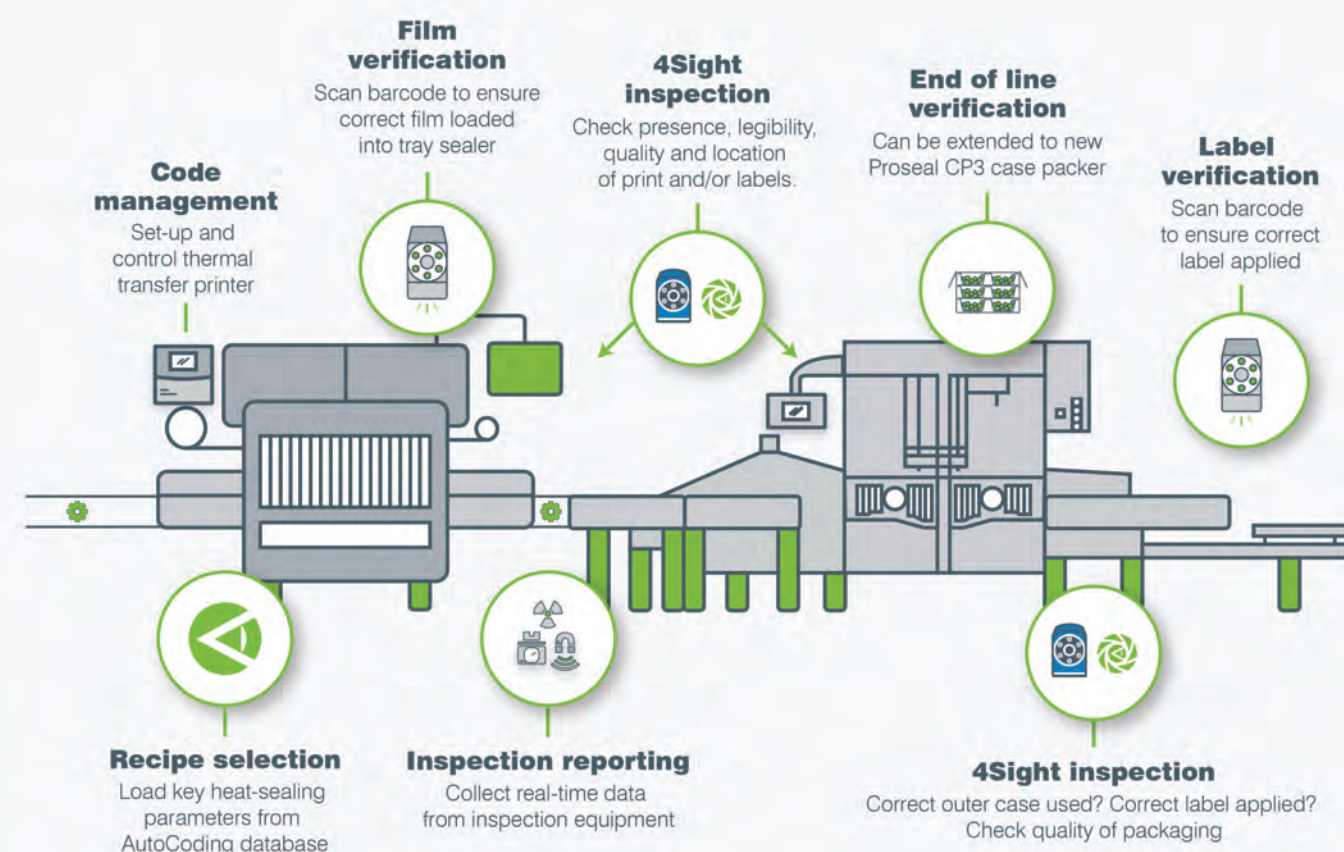


AutoCoding Systems offer a complete end-to-end solution for the automation and control of your packaging line equipment:

- **Coding Management** - automatically sets-up and controls the printing equipment, taking verified information from the AutoCoding database, ensuring all printed information is correct - all the time. Reduced set-up time and changeover time resulting in less downtime. AutoCoding can be integrated to existing customer systems allowing data to be shared and avoiding duplication.
- **Packaging Verification** - barcode scanners continually scan 1D barcodes on the packaging/labels throughout a production run, ensuring packaging is always correct for the product being run. Can also identify variations in artwork or promotions using 2D scanning.
- **Automatic Product Inspection using 4Sight** - check presence, legibility and location of printed codes. Uses a patented inspection methodology which sets it apart from OCR/OCV technologies. Can be configured to control up to 4 cameras and up to 8 different inspections (print, barcode, packaging and product). As well as print inspection, can inspect 1D and 2D barcodes, packaging artwork, 3D dimensioning to check packaging quality and size. Product quality can be checked using 'Classify' which compares image histograms against reference images and selects the best match.

Additional modules add further value to the AutoCoding solution:

- **Paperless Quality** - automatically incorporate quality checks into start procedure and throughout the production run. QA checks can be configured to specific requirements and run at specified times. Reduction in paper records and storage requirements.
- **Inspection Reporting** - collect real-time data from inspection devices such as checkweighers, metal detectors and X-Ray equipment. Enables corrective action to be taken as soon as inefficiencies are identified. Collate statutory Compliance Reports quickly and efficiently.
- **Line Performance Reporting** - collect real-time data from packaging line equipment during a production run. Proactively measure efficiency of individual devices and the packaging line as a whole and take corrective action as necessary.



As a market leader... we never stand still

Our reputation for outstanding quality, speed and reliability throughout our range of sealing equipment, which has made us the benchmark for the industry, is something of which we are extremely proud and equally determined to maintain.

That's why we employ a policy of continuous improvement to ensure our machines meet changing market requirements and customer needs; and why our **proactive** new product development programme allows us to anticipate and respond to the latest trends.

Whatever your requirements; from a simple manual machine to a fully integrated packing line, we have the knowledge, expertise and experience to tailor a solution to your precise specifications.



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