

## Setting the standards

unveiling our new range of tray sealing equipment for 2010



### **T2**

A fully portable hand operated tray sealing machine with 'envirocut' zero waste film cutting system capable of up to 6 cycles per minute



### **T10**

A bench mounted sliding base tray seal machine with contoured film cutting facility and capable of sealing up to 6 packs per minute



### **GTR**

A semi-automatic two station rotary table tray sealing machine capable of sealing up to 30 packs per minute



### **GTO**

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



### **GT1**

Automatic, large capacity, high speed in-line tray sealing system designed to cut labour costs and produce 75+ packs per minute



### **GT1V**

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



### **GT2/ GT2 Twin**

The GT2 is an automatic, large capacity, high speed in-line tray sealing system designed to cut labour costs and produce 90+ packs per minute

The GT2 Twin is an automatic, large capacity, twin lane, high speed tray sealing system designed to cut labour costs and produce 120+ packs per minute



### **GT3/ GT3 Twin**

The GT3 is an automatic, extra large capacity, single lane, high speed tray sealing system designed to cut labour costs and produce 98+ packs per minute

The GT3 Twin is an automatic, extra large capacity, twin lane, high speed tray sealing system designed to cut labour costs and produce 170+ packs per minute



## OC Conveyor

An open style linear conveyor with an intelligent filler control system



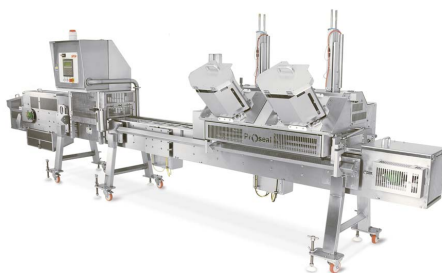
## SC Conveyor

A flat belt style product transfer conveyor



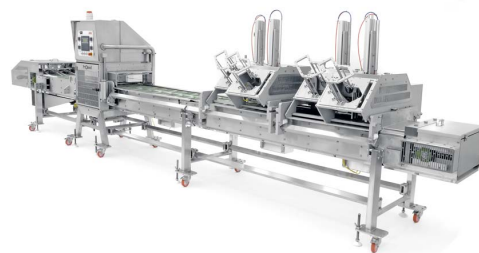
## AP60

Linear conveyor tray sealing system capable of sealing up to 160 packs per minute



## SP30

Linear conveyor sandwich packing system capable of sealing up to 30 packs per minute



## SP60/90

The SP60 is a linear conveyor sandwich packing system capable of sealing up to 60 packs per minute  
The SP90 is capable of sealing up to 90 packs per minute



VEGETABLES | A PET



SANDWICHES | BOARD



READY MEALS | SMOOTH WALL FOIL



VEGETABLES | C PET/POLYPROP



FRUIT | R PET



PUDDINGS | STYRENE

## 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 pro-active 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.

### Service and Maintenance

All our automatic machines benefit from a comprehensive twelve months parts and labour warranty and service back-up facility, to assure our valued customers of our confidence in the build quality and our commitment to you.

All standard machine components are held in stock at Proseal and our Service Cover is 24 hours a day, 7 days a week.

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## T2

A fully portable hand operated tray sealing machine with 'envirocut' zero waste film cutting system capable of up to 6 cycles per minute

The **T2** is supplied with a flat seal profile and zero waste straight edged film cut off blade as standard.

The **T2** is ideal for trials and development work or small scale production. It has a very simple tool and film change system that allows many different tray sizes to be sealed using film widths matched to the tray width and providing zero waste.

The **T2** has been designed to deliver the same seal force as the fully automatic machinery to ensure excellent seals every time.

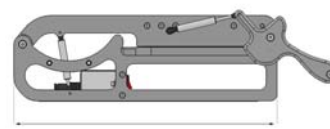
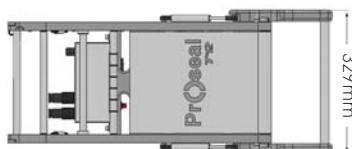
### Packaging Materials

#### Trays

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

#### Lidding

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



600mm

207mm





## Standard design features and benefits

- Two minute tool changeover
- Low maintenance polymer bearings
- Simple and accurate film-feed system with easy film route
- Maintenance friendly robust construction
- Accurate temperature and seal pressure control
- Fully portable bench mounted
- High accuracy tool alignment system provides a constantly accurate sealing and/or film-cutting relationship with the tray flange profile
- Manual film-feed
- Simple design and operation
- All around seal only (No Cut) for packs with pre-cut or hinged lids
- All around seal with straight cut along film trailing edge
- Portable, can be operated from a standard 220-240 VAC supply
- Low cost Purchase

## Options available

- Deep tray/pot machine configuration

## Sealing capacity

The largest tray size that can be accommodated on the T2 is 280mm long x 220mm wide  
The maximum film reel size is 250mm diameter x 220mm width.

## Specifications

Height	207mm
Standard Length	600mm
Width	329mm
Weight	21kg
Electrical supply	230 VAC 50Hz 1kW
Production speed	Up to 6 cycles per minute

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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## T10

A bench mounted sliding base tray seal machine with contoured film cutting facility and capable of sealing up to 6 packs per minute

The **T10** is a small, compact and robust bench mounted tray sealing machine.

Capable of up to six cycles per minute, the **T10** is ideal for low volume production and production trials. With the ability to utilise a wide range of materials, it is a very useful and versatile machine.

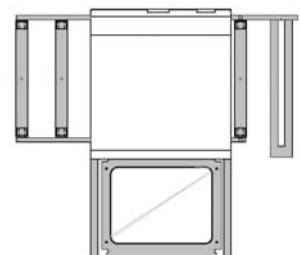
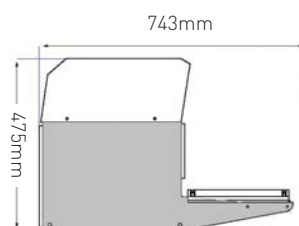
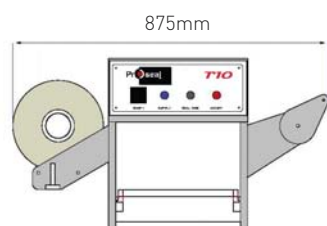
### Packaging Materials

#### Trays

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

#### Lidding

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





## Standard design features and benefits

- Two minute tool changeover
- Low maintenance polymer bearings
- Simple and accurate film-feed system with easy film route
- Maintenance friendly robust construction
- Accurate temperature and seal pressure control
- Fully portable bench mounted
- High accuracy tool alignment system provides a constantly accurate sealing and/or film-cutting relationship with the tray flange profile
- Two position interlocked sliding base mechanism and a fully enclosed seal area
- Manual film-feed and skeletal waste rewind
- 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
- Portable, with separate compressor (optional extra). Can be operated from a standard 220-240 VAC supply
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- Sale, Lease Purchase and Rental options available

## Options available

- Foil crimping
- Deep tray/pot machine configuration
- Pharmaceutical Blister Packaging Machines
- Sandwich Pack Sealing for Board, Recyclable and Non Recyclable Plastic

## Sealing capacity

The T10 can accept film cut trays of up to 230mm length x 200mm width and board lidding sizes of up to 280mm length x 240mm width

## Specifications

Height	475mm
Standard Length	875mm
Width	743mm
Weight	45kg
Pneumatic supply	3CFM (85L/min) at 80psi (5 bar)
Electrical supply	230 VAC 50Hz 1kW
Production speed	Up to 6 cycles per minute

Transformers are available to accommodate the electrical supplies in different countries

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## GTR

A semi-automatic two station rotary table tray sealing machine capable of sealing up to 30 packs per minute

The **GTR** machine is the workhorse of the ready meal industry. It is fully portable with automatic film-feed and capable of sealing up to 30 packs per minute. Ultra reliable and easy to operate, the **GTR** is used around the world and has become the benchmark for portable tray sealing equipment.

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

The quick release tooling allows the user to change from one tray size to another in less than two minutes.

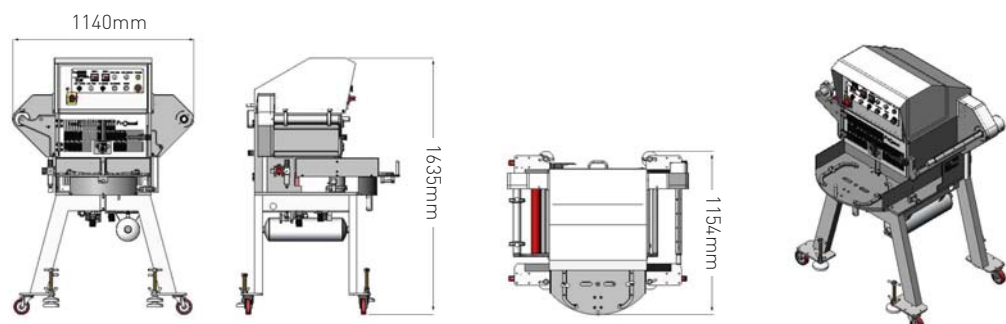
### Packaging Materials

#### Trays

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

#### Lidding

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





## Standard design features and benefits

- Two minute tool changeover
- Low maintenance polymer bearings
- Simple and accurate film-feed system with easy film route
- Maintenance friendly robust construction
- Accurate temperature and seal pressure control
- Fully portable 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
- Portable, with separate compressor (optional extra). Can be operated from a standard 220-240 VAC supply
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- High accuracy tool alignment system incorporating revolutionary table damping system
- Full Category 3 guarding
- Standard and Gas Flush Tooling can be upgraded to operate on the GT0 in-line machine
- Sale, Lease Purchase and Rental options available

## Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O<sub>2</sub>) gas flush
- CLOSE CUT – Method of maximizing throughput and reducing film waste
- Inboard Cut (IC) Option to provide ‘form, fill and seal’ tray presentation
- Film coding and printing
- Foil crimping
- Deep tray/pot machine configuration
- Pastry blocking
- Pharmaceutical Blister Packaging Machines
- Sandwich Pack Sealing for Board, Recyclable and Non Recyclable Plastic
- Peripheral equipment integration
- HOT ROD – long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays

## Sealing capacity

Number of trays	Length	Width	Depth	Diameter
One	380mm	230mm	228mm	300mm
Two	230mm	150mm	228mm	200mm
Four	150mm	120mm	228mm	130mm

## Specifications

Height	1635mm
Standard Length	1040mm
Width	1154mm
Weight	220kg
Pneumatic supply	5CFM (230L/min) at 80psi (5 bar)
Electrical supply	230 VAC 2kW single phase (fused at 13A)
Production speed	15 cycles per minute max (30 packs per minute with a 2 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

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## GTO

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

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

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

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

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

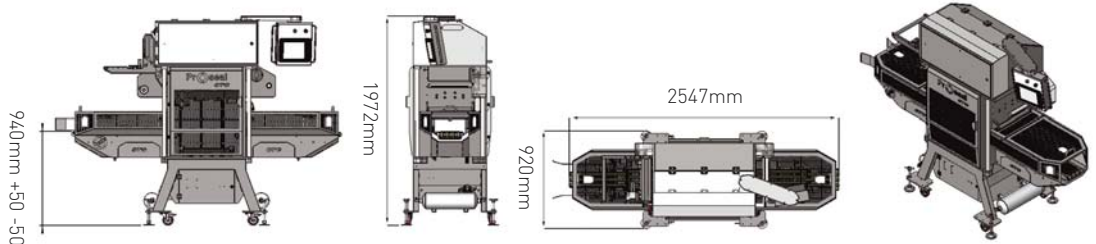
### Packaging Materials

#### Trays

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

#### Lidding

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





## Standard design features and benefits

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

## Options available

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

## Sealing capacity

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

## Specifications

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

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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## GT1

Automatic, large capacity, high speed in-line tray sealing system designed to cut labour costs and produce 75+ packs per minute

Fully automatic high speed tray sealing system, combining high throughput with rapid tool change and space saving compact design.

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

Capable of 75+ packs per minute with a 5 impression tool the **GT1** system is packed with user friendly benefits including our special lightweight high strength tooling.

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

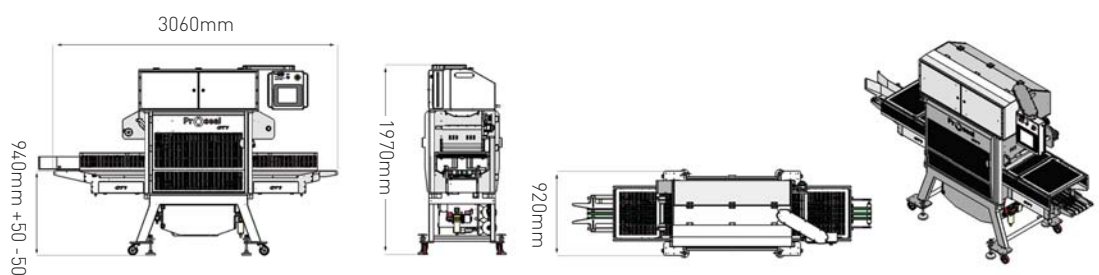
### Packaging Materials

#### Trays

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

#### Lidding

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





## Standard design features and benefits

- 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
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- Servo Driven 'Setting Free' automatic tray collation in-feed
- Self diagnostic system
- Pendant mounted colour touch screen HMI control for full double-sided operation
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Pot crush avoidance system
- Active film tension
- High accuracy servo driven automatic tray collation
- Quick release conveyor belts for easy hygiene and maintenance
- Automatic tool clamp for mechanical and electrical connection
- Sale, Lease Purchase and Rental options available

## Options available

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

## Sealing capacity

Number of trays	Length	Width	Depth	Diameter
One	670mm	270mm	105mm	270mm
Two	335mm	270mm	105mm	270mm
Three	270mm	217mm	105mm	217mm
Four	270mm	158mm	105mm	158mm
Five	270mm	123mm	105mm	123mm

## Specifications

Height	1970mm
Standard Length	3060mm
Width	920mm
Weight	790kg
Pneumatic supply	25CFM (707L/min) at 80psi (6 bar)
Pneumatic supply with EcoSeal	15CFM @ 15 cycles
Electrical supply	400 VAC 3kW 3 phase (fused at 16A)
Production speed	15 cycles per minute max (75+ packs per minute with a 5 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

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## GT1V

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

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

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

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

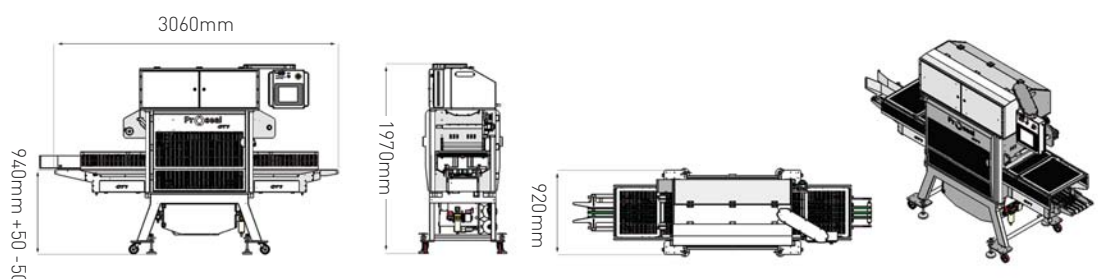
### Packaging Materials

#### Trays

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

#### Lidding

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





## Standard design features and benefits

- Five minute tool changeover
- 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
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- Servo Driven 'Setting Free' automatic tray collation in-feed
- Self diagnostic system
- Pendant mounted colour touch screen HMI control for full double-sided operation
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Pot crush avoidance system
- Active film tension
- High accuracy servo driven automatic tray collation
- Quick release conveyor belts for easy hygiene and maintenance
- Automatic tool clamp for mechanical and electrical connection
- Sale, Lease Purchase and Rental options available

## Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O<sub>2</sub>) gas flush
- Film coding and printing
- Pharmaceutical Blister Packaging Machines
- Film snap detection
- Active conveyors to allow the machine to be used as a straight through conveyor when packs don't require sealing
- Auto tool clamp and connection
- Back-to-back machine configurations
- Peripheral equipment integration
- EcoSeal - Patented Innovative System that maximizes seal force and speed, with a 65% reduction in compressed air consumption
- Film end warning
- Pneumatic film core clamp
- Self-centering tray guides
- Deep tray option (up to 120mm)
- 160 m<sup>3</sup>/hr vacuum pump and water trap assembly
- Automatic film roll clamping
- Touch screen controls
- HOT ROD - long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network

## Sealing capacity

Number of trays	Length	Width	Depth	Diameter
One	670mm	270mm	105mm	270mm
Two	335mm	270mm	105mm	270mm
Three	270mm	217mm	105mm	217mm
Four	270mm	158mm	105mm	158mm
Five	270mm	123mm	105mm	123mm

## Specifications

Height	1970mm
Standard Length	3060mm
Width	920mm
Weight	790kg
Pneumatic supply	25CFM (707L/min) at 80psi (6 bar)
Pneumatic supply with EcoSeal	15CFM @ 15 cycles
Electrical supply	400 VAC 3kW 3 phase (fused at 16A)
Production speed	8 cycles per minute Vac Gas 12 cycles per minute Free Flow Gas Flush 15 cycles per minute Seal Only (VMAP 32 packs per minute with a 4 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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## GT2/GT2 Twin

The GT2 is an automatic, large capacity, high speed in-line tray sealing system designed to cut labour costs and produce 90+ packs per minute

The GT2 Twin is an automatic, large capacity, twin lane, high speed tray sealing system designed to cut labour costs and produce 120+ packs per minute

Increased production capacity addition to the GT family of machines, the **GT2** is a fully automatic high speed tray sealing system combining high throughput with rapid tool change and space saving compact design.

Capable of 90+ packs per minute with a 6 impression tool the **GT2** system is packed with user friendly benefits including our special lightweight high strength tooling.

The **GT2 Twin** is capable of 120+ packs per minute with an 8 impression tool.

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

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

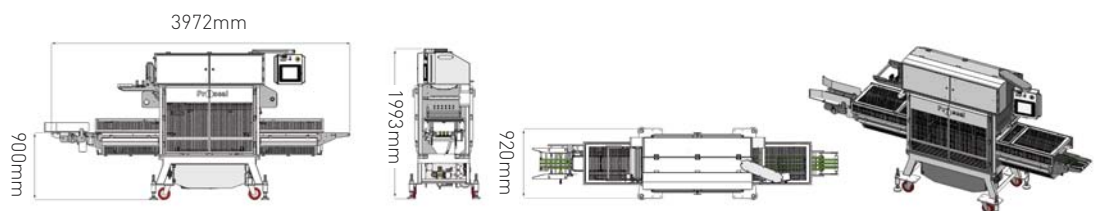
### Packaging Materials

#### Trays

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

#### Lidding

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



# GT2/GT2 Twin

## Standard design features and benefits

- Two minute tool changeover (GT2)
- Five minute tool changeover (GT2 Twin)
- 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
- All around seal and contoured film-cut with skeletal film rewind
- Automatic seal operation with accurate seal dwell time
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- Intelligent buffering, Servo controlled, pack collation system
- Self diagnostic system
- Pendant mounted colour touch screen HMI control for full double-sided operation
- Recipe driven auto machine set-up for tool change
- On-screen data capture and trends with wireless connection option
- Pot crush avoidance system
- Active film tension
- High accuracy servo driven automatic tray collation
- Quick release conveyor belts for easy hygiene and maintenance
- Automatic tool clamp for mechanical and electrical connection
- Sale, Lease Purchase and Rental options available

### GT2 Sealing capacity

No. of trays	Length	Width	Depth	Diameter
One	815mm	270mm	105mm	270mm
Two	410mm	270mm	105mm	270mm
Three	270mm	267mm	105mm	267mm
Four	270mm	196mm	105mm	196mm
Five	270mm	153mm	105mm	153mm
Six	270mm	124mm	105mm	124mm

### GT2 / GT2 Twin Specifications

Height	1993mm
Standard Length	3972mm
Width	920mm
Weight	1200kg
Pneumatic supply	25CFM (707L/min) at 80psi (6 bar) *GT2 only
Pneumatic supply (EcoSeal)	15CFM @ 15 cycles
Electrical supply	400 VAC 3kW 3 phase (fused at 16A)
Production speed	15 cycles per minute (90+ packs per minute for 6 impression tools) *GT2 15 cycles per minute (120+ packs per minute for 8 impression tools) *GT2 Twin

Transformers are available to accommodate the electrical supplies in different countries

### Service and Maintenance

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## Options available

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

### GT2 Twin Sealing capacity

No. of trays	Length	Width	Depth	Diameter
Four	410mm	135mm	105mm	N/A
Six	267mm	135mm	105mm	N/A
Eight	196mm	135mm	105mm	N/A
Ten	153mm	135mm	105mm	135mm
Twelve	124mm	124mm	105mm	124mm

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## GT3/GT3 Twin

The GT3 is an automatic, extra large capacity, single lane, high speed tray sealing system designed to cut labour costs and produce 98+ packs per minute

The GT3 Twin is an automatic, extra large capacity, twin lane, high speed tray sealing system designed to cut labour costs and produce 170+ packs per minute

The **GT3** is a high throughput modular, single lane linear tray sealing system, designed to run in conjunction with auxiliary equipment such as tray de-nesters, fillers, multihead weighers and labellers, combining into a stand-alone, fully automatic production line.

Capable of 98+ packs per minute with a 7 impression tool the **GT3** system is packed with user friendly benefits including our special lightweight high strength tooling.

The **GT3 Twin** is capable of 170+ packs per minute with a 12 impression tool.

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

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

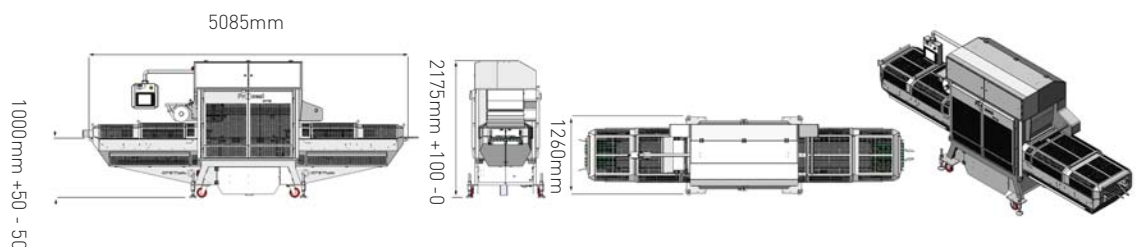
### Packaging Materials

#### Trays

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

#### Lidding

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



1000mm +50 - 50

# GT3/GT3 Twin

## Standard design features and benefits

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

## GT3 Sealing capacity

No. of trays	Length	Width	Depth	Diameter
Two	535mm	270mm	105mm	N/A
Three	350mm	270mm	105mm	N/A
Four	270mm	258mm	105mm	258mm
Five	270mm	203mm	105mm	203mm
Six	270mm	166mm	105mm	166mm
Seven	270mm	140mm	105mm	140mm

## GT3 / GT3 Twin Specifications

Height	2185mm
Standard Length	5090mm
Width	1260mm
Weight	model dependent
Pneumatic supply with EcoSeal	25CFM @ 15 cycles per minute
Electrical supply	400 VAC 3 phase (fused at 32A)
Production speed	14+ cycles per minute (98+ packs per minute for 7 impression tools) *GT3 14+ cycles per minute (170+ packs per minute for 12 impression tools) *GT3 Twin

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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## Options available

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

## GT3 Twin Sealing capacity

No. of trays	Length	Width	Depth	Diameter
Four	535mm	200mm	105mm	N/A
Six	350mm	200mm	105mm	N/A
Eight	258mm	200mm	105mm	N/A
Ten	203mm	200mm	105mm	200mm
Fourteen	140mm	140mm	105mm	140mm

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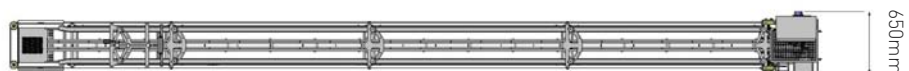
## *OC Conveyor*

### An open style linear conveyor with an intelligent filler control system

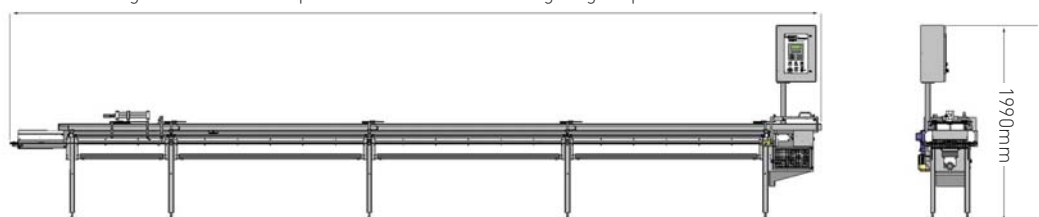
A high throughput modular, tray conveyor and filler control system, designed to integrate with auxiliary equipment (such as tray de-nesters, fillers, multihead weighers) and feeding filled trays seamlessly into any in-line automatic machine, including the GT0, GT1, GT2 or GT3 to create a fully automatic production line.

Easily integrated with other production line equipment.

With 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, the **OC Conveyor** 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.



length to customer's specification from 2m of filling length up to 20m





## Standard design features and benefits

- Low maintenance polymer bearings
- Maintenance friendly robust construction
- Food industry approved hygienic construction and washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- 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-centering tray guides
- Sale, Lease Purchase and Rental options available

## Options available

- Peripheral equipment integration
- Automatic tray de-nesting
- Automatic lid pick and place
- Automatic lid overcapping
- Integrated air and electrical outlets along the machine length for auxiliary equipment
- Filler integration
- Labeller integration
- Online weighing
- Servo driven conveyor
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network

## Specifications

<b>Height</b>	1990mm at top of control panel, chain height 900mm
<b>Length</b>	length to customer's specification from 2m of filling length up to 20m
<b>Width</b>	650mm
<b>Weight</b>	model dependent
<b>Pneumatic supply</b>	3CFM (85L/min) at 80psi (5 bar)
<b>Electrical supply</b>	240 VAC 0.4kW single phase (fused at 16A)
<b>Production speed</b>	60 packs per minute in continuous mode and 45 packs per minute in indexing mode with 0.5 second fill dwelling

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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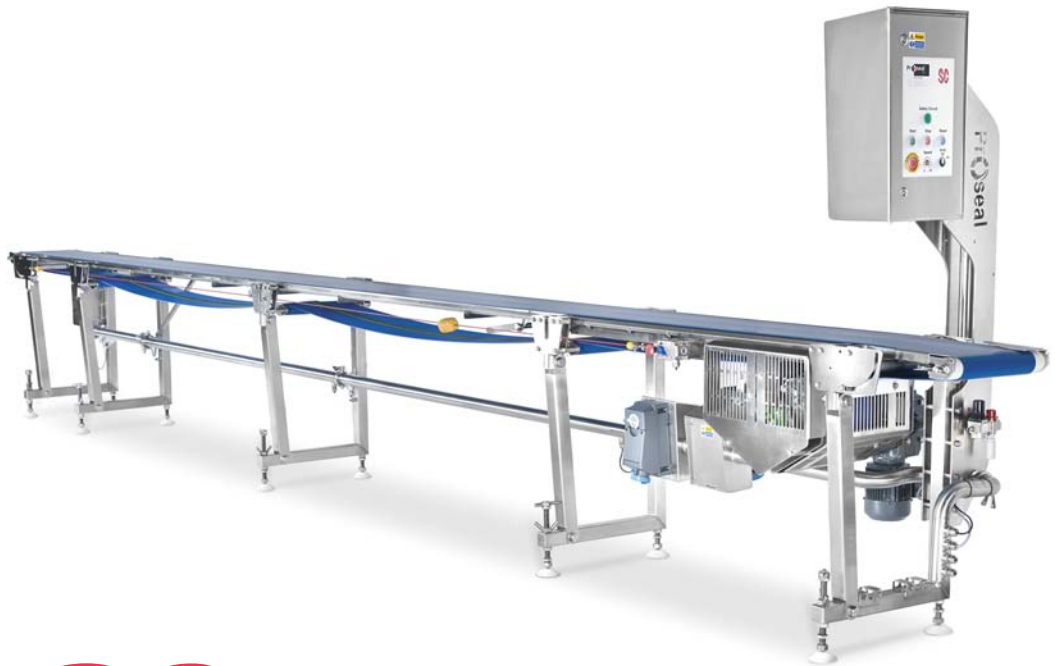
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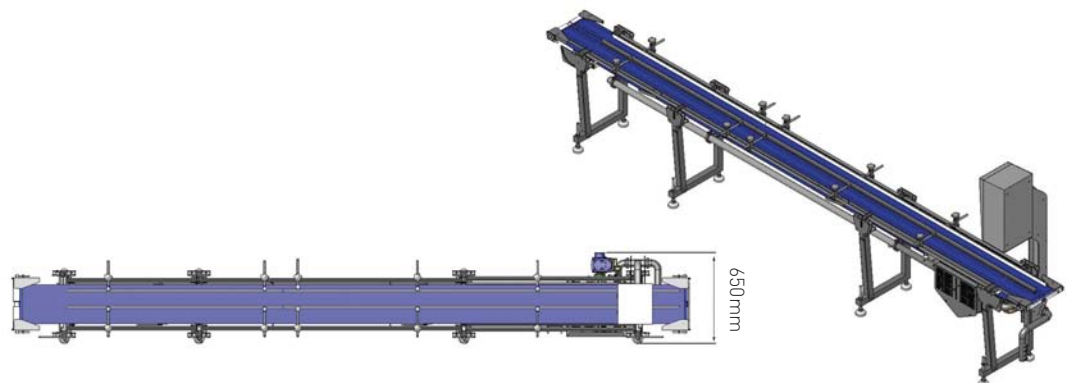


## SC Conveyor

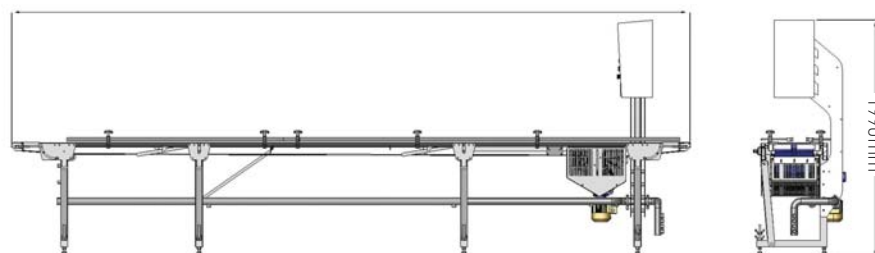
### A flat belt style product transfer conveyor

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.



length to customer's specification from 2m of filling length up to 20m





## Standard design features and benefits

- Maintenance friendly robust construction
- Food industry approved hygienic construction and washdown protection
- Belts available in 3 grades standard specification polyurethane blue belts, mid specification PU and fully sealed and PU, fully sealed and white indicator marks for tray denest control
- Integrated belt lifters for easy cleaning of the belts and machine
- Sale, Lease Purchase and Rental options available

## Options available

- Automatic tray de-nesting
- Integrated air and electrical outlets along the machine length for auxiliary equipment

## Specifications

<b>Height</b>	1990mm at top of control panel, belt height 900mm
<b>Length</b>	length to customer's specification from 2m of filling length up to 20m
<b>Width</b>	650mm
<b>Weight</b>	model dependent
<b>Electrical supply</b>	240 VAC 0.4kW single phase (fused at 16A)

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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## AP60

Linear conveyor tray sealing system capable of sealing up to 160 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) available for extended shelf life.

Easily integrated with other production line equipment.

### Packaging Materials

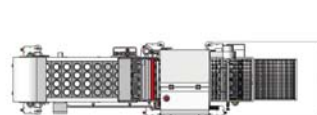
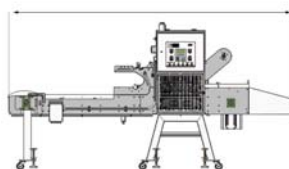
#### Trays

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

#### Lidding

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

length to customer's specification



machine specific





## 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 washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- 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
- Sale, Lease Purchase and Rental options available

## Options available

- Free flow gas flush MAP (Modified Atmosphere Packaging)
- High Oxygen (O<sub>2</sub>) gas flush
- CLOSE CUT – Method of maximizing throughput and reducing film waste
- Inboard Cut (IC) Option to provide 'form, fill and seal' tray presentation
- Film coding and printing
- Foil crimping
- Sandwich Pack Sealing for Card, Recyclable and Non Recyclable Plastic
- Film snap detection
- Peripheral equipment integration
- Remote diagnostics modem
- Film end warning
- Pneumatic film core clamp
- Self-centering tray guides
- Deep tray option (up to 120mm)
- Vacuum
- Automatic film roll clamping
- Touch screen controls
- Automatic tray de-nesting
- Automatic lid pick and place
- Automatic lid overcapping
- Integrated air and electrical outlets along the machine length for auxiliary equipment
- Filler integration
- Labeller integration
- On-line weighing
- Servo driven conveyor
- Tray/sandwich skilnet coding and printing
- Stainless steel sandwich transfer conveyor
- Automatic lid pick and place for separate sandwich skilnet and pre-cut lid applications
- HOT ROD – long-lasting, water resistant seal tool heating element giving reduced energy consumption especially developed for sealing Smooth Wall Foil Trays
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network
- Tray ejection, collation and orientation options

## Specifications

<b>Height</b>	1950mm
<b>Length</b>	length to customer's specification
<b>Width</b>	917-1600 version, dependent
<b>Conveyor plate width</b>	350mm, 500mm, 750mm, 1000mm
<b>Weight</b>	1500kg + (version dependent)
<b>Pneumatic supply</b>	25CFM (707L/min) at 80psi (6 bar)
<b>Electrical supply</b>	240 VAC 2kW single phase (fused at 16A) + 3kW 3 phase 16A option
<b>Production speed</b>	20 cycles per minute max (160 packs per minute with an 8 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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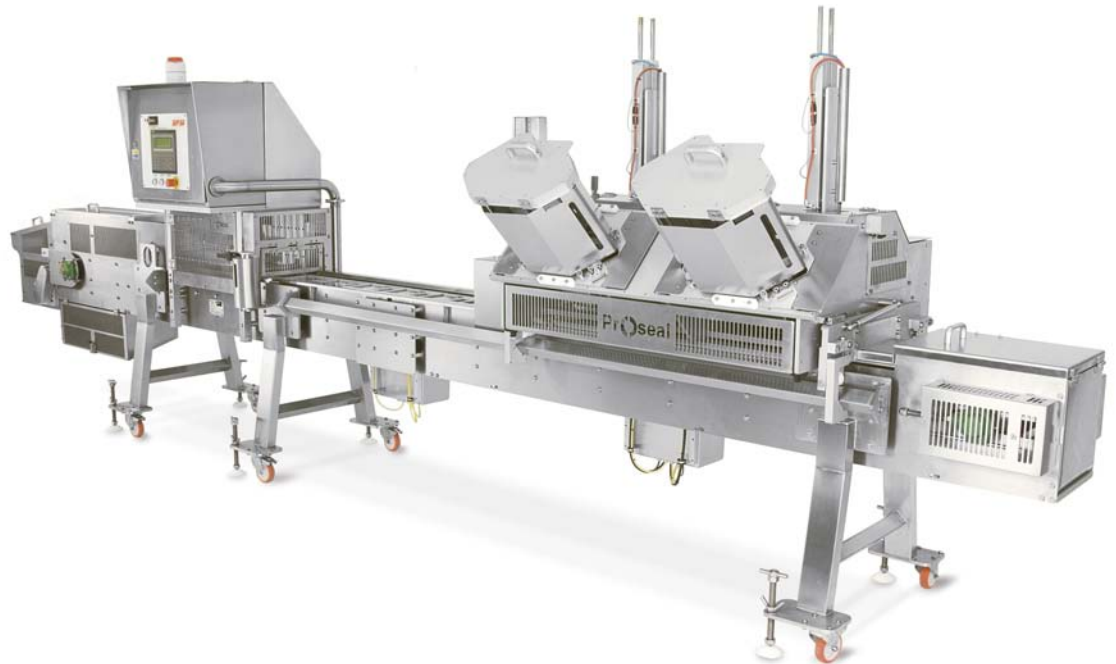
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## SP30

Linear conveyor sandwich packing system capable of sealing up to 30 packs per minute

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

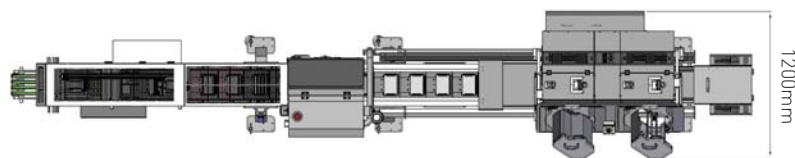
A high-speed platten style sandwich packing machine, specifically designed to reduce labour costs involved with packing sandwiches into cardboard sandwich skillets. Capable of handling a wide variety of sandwich skillets, and with 5 minute skillet size change, the SP range is perfect for users requiring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

Easily integrated with other production line equipment.

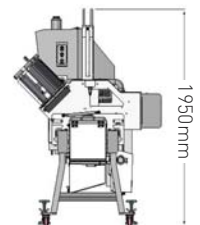
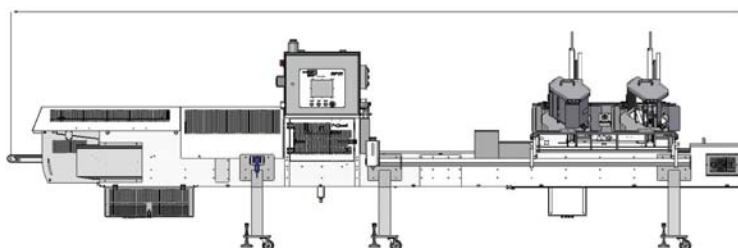
### Packaging Materials

#### Trays

- Cardboard Sandwich Skillets



length to customer's specification





## 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 washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- 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 63mm to 108mm
- All size changes done by line operators - not engineers
- Sale, Lease Purchase and Rental options available

## Options available

- Sandwich Pack Sealing for Card, Recyclable and Non Recyclable Plastic
- Peripheral equipment integration
- 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
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network
- Tray ejection, collation and orientation options

## Specifications

<b>Height</b>	1950mm
<b>Length</b>	length to customer's specification
<b>Width</b>	1200mm
<b>Conveyor plate width</b>	350mm
<b>Weight</b>	1000kg + (version dependent)
<b>Pneumatic supply</b>	25CFM (707L/min) at 80psi (6 bar)
<b>Electrical supply</b>	240 VAC 2kW single phase (fused at 16A) + 3kW 3 phase 16A option
<b>Production speed</b>	15 cycles per minute max (30 packs per minute with a 2 impression tool)

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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

### Proseal uk Limited

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### Proseal australia Pty Ltd

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## SP60/90

The SP60 is a linear conveyor sandwich packing system capable of sealing up to 60 packs per minute

The SP90 capable of sealing up to 90 packs per minute

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

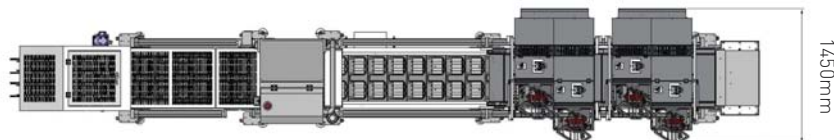
Easily integrated with other production line equipment.

A high-speed platten 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, the SP range is perfect for users requiring maximum throughput with the minimum of labour.

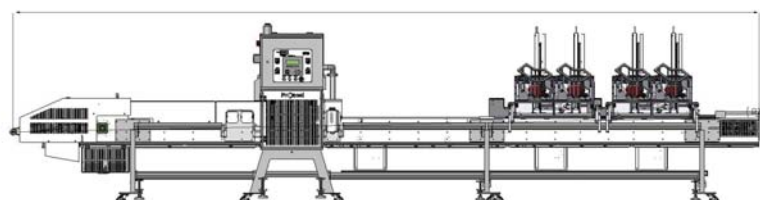
### Packaging Materials

#### Trays

- Cardboard Sandwich Skillets



length to customer's specification



# SP60/90

## 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 washdown protection
- Full Category 3 guarding
- User friendly, menu-driven control panel with step-by-step prompts, error and status displays, and useful batch pack counter
- Recipe handling of machine settings
- 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 skilnet widths from 63mm to 108mm
- All size changes done by line operators - not engineers
- Sale, Lease Purchase and Rental options available

## Options available

- Sandwich Pack Sealing for Card, Recyclable and Non Recyclable Plastic
- Peripheral equipment integration
- Touch screen controls
- Servo driven conveyor
- Tray/sandwich skilnet coding and printing
- Automatic sandwich skilnet de-nesting, erecting and placing system
- Stainless steel sandwich transfer conveyor
- Automatic lid pick and place for separate sandwich skilnet and pre-cut lid applications
- Modem to allow remote setup, fault-finding and software upgrades, using a customer's existing IT network
- Tray ejection, collation and orientation options

## Specifications

<b>Height</b>	1950mm
<b>Length</b>	length to customer's specification
<b>Width</b>	1450mm
<b>Conveyor plate width</b>	500mm
<b>Weight</b>	1500kg + (version dependent)
<b>Pneumatic supply</b>	25CFM (707L/min) at 80psi (6 bar)
<b>Electrical supply</b>	240 VAC 2kW single phase (fused at 16A) + 3kW 3 phase 16A option
<b>Production speed</b>	15 cycles per minute max (60 packs per minute with a 4 impression tool) *SP60 15 cycles per minute max (90 packs per minute with a 6 impression tool) * SP90

Transformers are available to accommodate the electrical supplies in different countries

## Service and Maintenance

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