

 **MADE IN
BRITAIN**



The complete range

Tray sealing machines



THE MOST ADVANCED TRAY SEALERS ON THE MARKET



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Our range of Manual, Semi Automatic, Fully Automatic and High Speed Fully Automatic machines have been developed to suit a wide range of production speeds and levels of automation and with the latest zero air technology offers a sustainable solution for the future.

Designed to be flexible with all sealing materials and quick change tooling enable different pack sizes to be sealed. Our machines can either stand alone or be integrated into an existing or new fully customised production line.

The tray sealing machines are designed to be flexible with quick change tooling to enable different pack sizes and materials to be sealed either as stand alone or integrated into an existing or new production line.

PA LINE 4



Manual machine range





Packaging Automation recognise the needs of small businesses who may be thinking about changing to tray sealing their products for the first time. Our entry level machines are ideal for new product development, samples, or full production requirements.

Access to tray sealing technology has never been easier. Whether you operate out of a kitchen or a food processing facility our range of entry level machinery offer the flexibility and versatility required to meet any production demands.

Fully electric and pneumatic are options depending on the required application and the environment the equipment will be used in. With easy tool change overs the machines can be used for different tray materials including cardboard and tray sizes.



Manual machine range





-  - UP TO 12 ppm
-  - H -610mm
- W -641mm
- D -607mm
-  - 13A 240V 1 PHASE
8A MAX/PHASE 50/60HZ
-  - NOT REQUIRED



pa217

A fully portable, hand operated tray sealing machine that is ideal for new product development samples or small scale production. The simple design of the tool and film reel holder facilitates quick and easy changes to tray sizes. The PA217 has been designed to deliver the same seal force as the larger machines to guarantee reliability of seals.



-  - UP TO 6 ppm
-  - H -645mm
- W -390mm
- D -785mm
-  - 13A 240V 1 PHASE
8A MAX/PHASE 50/60HZ
-  - 8CFM AT 80PSI
(5.5 BAR)



pa210

A compact, bench mounted hand operated machine that is ideal for new product development trials or low volume production. It can be used to seal reel fed film or pre-cut lids to pre-formed trays. The PA210 has a maximum output of 6 cycles per minute. Compressed air and electric supply is required for this machine.





Semi automatic machine range

Our Semi Automatic Machines are designed to bring low level automation into the production environment. A high level of flexibility is offered by the portability of the machines enabling them to be moved from one production line to another. This is combined with the option to incorporate a modified atmosphere (MAP) into the pack as well as simplicity of use and very quick and easy tooling changeovers.

Some machines within this range are fully electric and incorporate POWERDRIVE™ technology, therefore eliminating the requirement for a compressed air supply making them really versatile.

To improve automation the machines can be integrated into a filling conveyor line maximising the output of machine.



Semi automatic machine range



- UP TO 40 ppm



- H -1771mm
- W -1407mm
- D -1071mm



- 16A 240V 1 PHASE
10A MAX/PHASE 50/60HZ



- 8CFM AT 80PSI
(5.5 BAR)



eclipse 182

The Eclipse 182 is a semi automatic, two station, rotary table tray sealer. It can be used to seal reel fed film or pre-cut lids to pre-formed trays. It can be configured to use MAP-F gas flushing (with the option of high oxygen) for extended shelf life.

Dependant on the tray size and packing mode it can seal four plus packs at a time giving a maximum output of 40 packs per minute. Compressed air and electric supply is required for this machine.



- UP TO 40 ppm



- H -1755mm
- W -1403mm
- D -1205mm



- 16A 240V 1 PHASE
10A MAX/PHASE 50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR



eclipse r

The Eclipse R fully electric, semi automatic, two station, rotary table tray sealer.

Incorporating POWERDRIVE™ technology, there is no requirement for a compressed air supply. It can be configured to have an automatically rotating table to reduce operator strain.

The Eclipse R can be used to seal reel fed film or pre-cut lids to pre-formed trays. It can be configured to use MAP-F gas flushing (with the option of high oxygen) for extended shelf life.

Dependent on the tray size and packing mode it can seal four plus packs at a time giving a maximum output of 40 packs per minute. Electric supply only is required for this machine.



Semi automatic machine range



- UP TO 40 ppm



- H -1870mm
- W -1175mm
- D -1045mm



- 20A 240V 1 PHASE
8A MAX/PHASE 50/60HZ



- 8CFM AT 80PSI
(5.5 BAR)



eclipse 2016

The Eclipse 2016 is a two station, rotary table tray sealer with fully automatic rotation of the table and full MAP-V vacuum capability. It can be used to seal reel fed film or pre-cut lids (in atmospheric sealing mode only) to pre-formed trays.

Dependant on the tray size it can seal up to four packs at a time giving a maximum output of 40 packs per minute when in MAP-V mode. Compressed air and electric supply is required for this machine.



ATMOSPHERE



MAP-F



VACUUM



MAP-V

PALPREVENT

UNRIVALLED SERVICE 24/7

Our service team consists of experts who bring many years of knowledge and experience and are well-versed in packaging machinery to help you to keep your machinery running smoothly and efficiently and keep downtime to a minimum.

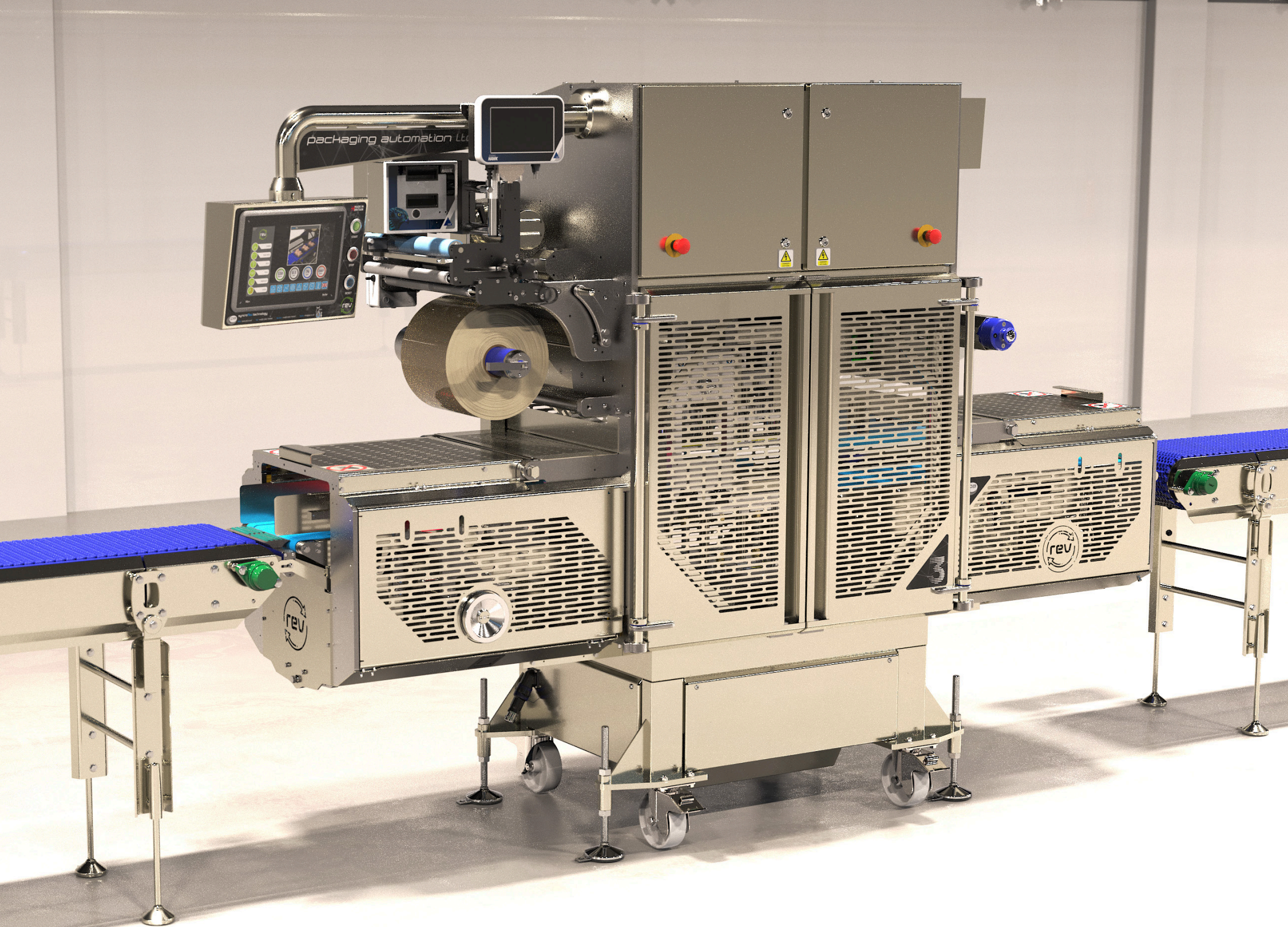
If the team are unable to help you solve the problem over the phone, an engineer can be with you the same day.

Downtime can be costly for businesses, and PA's service is designed to minimise it by resolving issues quickly and efficiently. With our help you can keep your machinery running smoothly, ultimately reducing downtime.

"Having a service contract with Packaging Automation gives excellent peace of mind that the machine will run safely and faultlessly between servicing.

This ensures our staff and customers are safe and reduces downtime, which allows us to run with greater efficiency and ensure our product gets to our customers on time, every time."





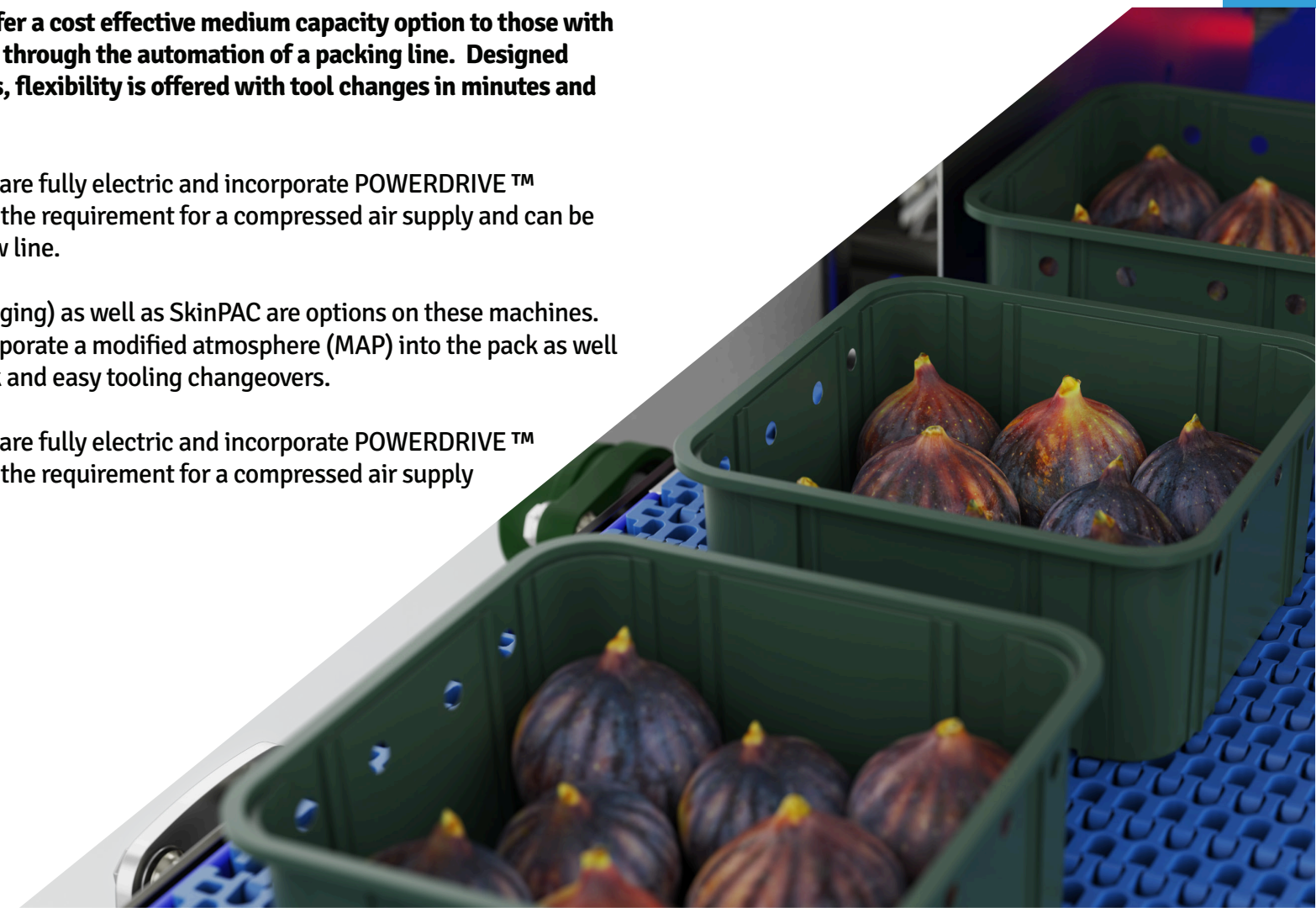
Fully automatic machine range

Our Fully Automatic Machines offer a cost effective medium capacity option to those with a requirement to cut labour costs through the automation of a packing line. Designed for frequent product changeovers, flexibility is offered with tool changes in minutes and recipe driven set up.

Some machines within this range are fully electric and incorporate POWERDRIVE™ technology, therefore eliminating the requirement for a compressed air supply and can be integrated into any existing or new line.

MAP (Modified atmosphere packaging) as well as SkinPAC are options on these machines. combined with the option to incorporate a modified atmosphere (MAP) into the pack as well as simplicity of use and very quick and easy tooling changeovers.

Some machines within this range are fully electric and incorporate POWERDRIVE™ technology, therefore eliminating the requirement for a compressed air supply making them really versatile.



Fully automatic machine range



- UP TO 45 ppm



- H -1965mm
- W -2825mm
- D -910mm



- 16A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- 8CFM AT 80PSI
(5.5 BAR)



eclipse SL2

The Eclipse SL2 is the entry level automatic tray sealer combining medium speed output with quick tool changes and a compact space saving design. It can be used to seal reel fed film to pre-formed trays and can be configured to use MAP-F gas flushing for extended shelf life. Dependant on the tray size and packing mode it can seal up to 3 packs at a time giving a maximum output of 54 packs per minute.

The Eclipse SL2 is designed to accommodate the top and base tools from the EC182 machine to provide a cost effective transition to automation from semi automatic tray sealing.



- UP TO 90 ppm



- H -1970mm
- W -2948mm
- D -859mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR







rev3

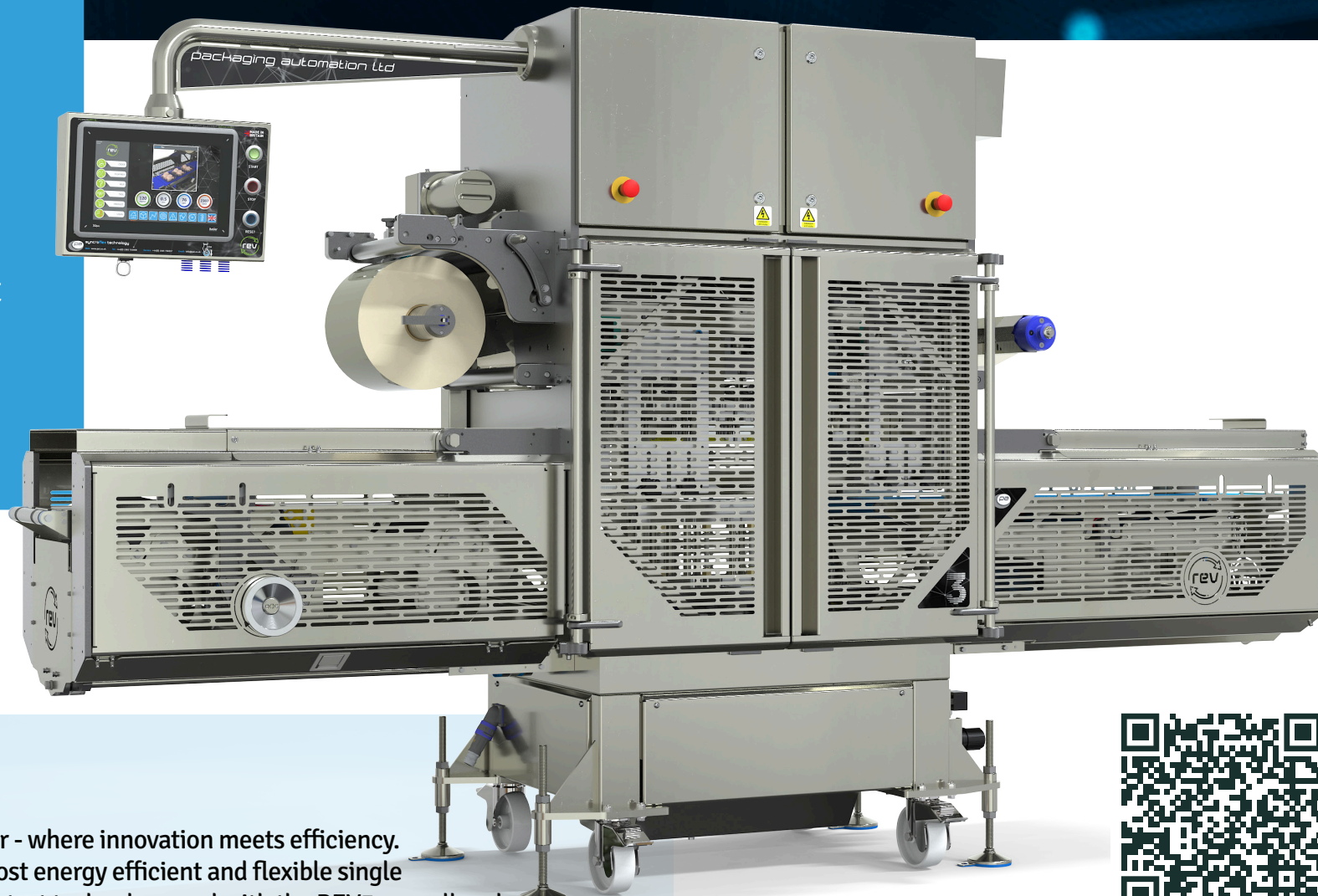
A Fully Electric Automatic Tray Sealer - where innovation meets efficiency. The REV machines are the fastest, most energy efficient and flexible single lane tray sealers incorporating PA's latest technology and with the REV3 a small and compact footprint. Using proven syncroflex control ensures a continuous flow of trays through the machine from infeed to outfeed, eliminating the need for any pausing or buffering. To add to it's versatility it can accommodate Eclipse 182 and Eclipse R tools to aid transition from manual to automatic technology.



Fully automatic machine range

-  - UP TO 135 ppm
-  - H -1970mm
- W -3316mm
- D -829mm
-  - 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ
-  - NOT REQUIRED


POWERDRIVE™
FULLY ELECTRIC ZERO AIR



rev3 plus

A Fully Electric Automatic Tray Sealer - where innovation meets efficiency. The REV machines are the fastest, most energy efficient and flexible single lane tray sealers incorporating PA's latest technology and with the REV3 a small and compact footprint. Using proven syncroflex control ensures a continuous flow of trays through the machine from infeed to outfeed, eliminating the need for any pausing or buffering. To add to it's versatility it can accommodate existing SL4 tools so that improvements in machine outputs can be achieved. Dependant on tray size it can seal up to 5 packs at a time giving an output of 115 packs per minute. Electric supply only is required for this machine.



-  - UP TO 75 ppm
-  - H -1989mm
- W -3040mm
- D -880mm
-  - 32A 415V 3 PHASE
N+E 10A MAX/PHASE
50/60HZ
-  - NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR



eclipse SL4

The Eclipse SL4 is a fully electric automatic tray sealer combining medium speed output with quick tool changes and a compact space saving design. Incorporating POWERDRIVE™ technology, there is no requirement for a compressed air supply. It can be used to seal reel fed film to pre-formed trays and can be configured to use MAP-F gas flushing, full MAP-V vacuum and SkinPAC for extended shelf life.

Dependant on the tray size it can seal up to 5 packs at a time giving a maximum output of 75 packs per minute. Electric supply only is required for this machine.





High speed fully automatic machine range

The high speed fully automatic single and twin lane range uses proven, patented, technology to maximise output. These energy efficient machines incorporate **POWERDRIVE™** technology as standard eliminating the need for compressed air and are designed with energy saving components and controls to minimise energy usage during operation.

Novel technology provides quiet machine operation, on screen clear visual performance indicators and web based live OEE production data.

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High speed fully automatic machine range



- UP TO 150 ppm



- H -2163mm
- W -3706mm
- D -1045mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR



rev5

The REV machines are the fastest, most energy efficient and flexible single lane tray sealers incorporating PA's latest technology. Using proven syncroflex control and now syncroflexPRO ensures a continuous flow of trays through the machine from infeed to outfeed, eliminating the need for any pausing or buffering. Combined with PA's new intelligent syncroflexPRO, the adaptive speed control manages all moving parameters automatically, meaning the operator does not have to align the machine settings to maximise the output. The Rev5 can seal up to 6 trays at a time and provides the optimum output for the footprint.



- UP TO 160 ppm



- H -2163mm
- W -4321mm
- D -1045mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR



rev6

The REV machines are the fastest, most energy efficient and flexible single lane tray sealers incorporating PA's latest technology. Using proven syncroflex control and now syncroflexPRO ensures a continuous flow of trays through the machine from infeed to outfeed, eliminating the need for any pausing or buffering. Combined with PA's new intelligent syncroflexPRO, the adaptive speed control manages all moving parameters automatically, meaning the operator does not have to align the machine settings to maximise the output. The Rev6 can seal up to 8 trays at a time and achieves an impressive output of 160 trays per minute.



TRAY SEALING

High speed fully automatic machine range



- UP TO 150 ppm



- H -2025mm
- W -4036mm
- D -905mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

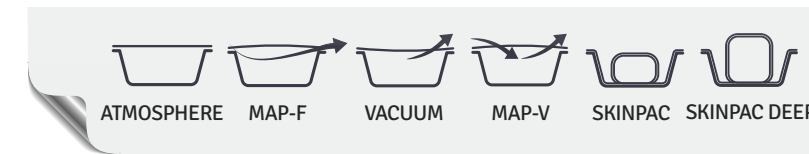


POWERDRIVE™
FULLY ELECTRIC ZERO AIR

revolution

The Revolution is a fully electric automatic tray sealer using motion control technology to provide accurate high speed output with quick tool changes. Incorporating POWERDRIVE™ technology, there is no requirement for a compressed air supply. It can be used to seal reel fed film to pre-formed trays and can be configured to use MAP-F gas flushing, full MAP-V vacuum and SkinPAC for extended shelf life.

Dependent on the tray size it can seal up to six packs at a time giving a maximum output of 150 packs per minute.



- UP TO 200 ppm



- H -2100mm
- W -4710mm
- D -905mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

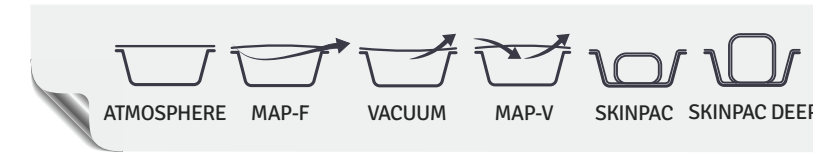


POWERDRIVE™
FULLY ELECTRIC ZERO AIR

revolution^{XL}

The Revolution XL is a fully electric automatic tray sealer using motion control technology to provide accurate high speed output with quick tool changes. Incorporating POWERDRIVE™ technology, there is no requirement for a compressed air supply. It can be used to seal reel fed film to pre-formed trays and can be configured to use MAP-F gas flushing, full MAP-V, vacuum and SkinPAC for extended shelf life.

Dependent on the tray size it can seal up to 10 packs at a time giving a maximum output of 200 packs per minute.



High speed fully automatic machine range



- UP TO 256 ppm



- H -2100mm
- W -4778mm
- D -1118mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR



revolutionXLtwin

The Revolution XL TWIN is a fully electric automatic tray sealer using motion control technology to provide accurate high speed output with quick tool changes. Incorporating POWERDRIVE™ technology, there is no requirement for a compressed air supply. It can be used to seal reel fed film to pre-formed trays and can be configured to use MAP-F gas flushing, full MAP-V, vacuum and SkinPAC for extended shelf life.

Dependent on the tray size it can seal up to 16 packs at a time giving a maximum output of 256 packs per minute.



- UP TO 240 ppm



- H -2150mm
- W -5343mm
- D -1904mm



- 32A 415V 3 PHASE
N+E 16A MAX/PHASE
50/60HZ



- NOT REQUIRED

POWERDRIVE™
FULLY ELECTRIC ZERO AIR

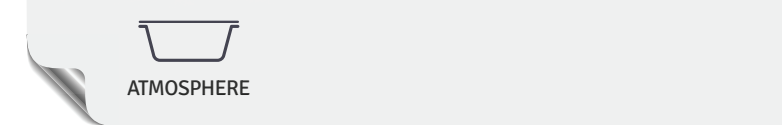


evolutionS

With our NEW high speed tray sealing machine, we now have a machine that can seal up to 240 packs per minute in a single lane format. This makes it the WORLD'S fastest, most efficient tray sealer.

We have developed new technology - SyncroTechnology - and in doing so have addressed all of the areas that can potentially slow a typical tray sealing machine down. With added precision control and reliability.

We are continuing to set the standard for tray sealing worldwide.



TRAY SEALING



packaging automation Ltd