SEALPRO SERIES

SEALPRO-200

SHEMESH AUTOMATION

INDUSTRY 4.0 READY

The world's best fully-automatic laminate-cutting and conduction-sealing machine.

- **Applicable to containers of most common shapes and sizes in the food & beverage, cosmetics, nonwovens, pharmaceuticals and health & beauty industries**

- **Throughputs offered from 60 to 200 products per minute**

- **Cuts sealing laminate to suit product size and reduces waste**

OVER 30 YEARS OF EXCELLENCE

Let us build your vision

The **SEALPRO120** automatically cuts the sealing laminate according to the product size and conduction-seals it accurately in place.

"As the leading brand in sanitization and hygiene products, an impeccably clean packaging process is imperative. Also, in such a competitive market, achieving maximum process efficiency is crucial to maintaining our competitive edge. We were so thrilled at how Shemesh's Sambax-Z monoblock achieved both of the above that we did not hesitate to return to Shemesh a year later when we needed a complete sanitisers filling line. Their machines, service, and industry knowledge really are second to none".

Ron Hoffman, Director of Operations, Durisan, **USA**

SEALPRO
SERIES

Shemesh Automation offers a wide range of versatile and fully programmable seal, seal-fill, or seal-fill-cap machines in either in-line or monoblock configurations with throughputs in the 1,000-12,000 pph range.

The **SEALPRO120** automatically cuts the sealing laminate according to your product size and thermo-seals it accurately in position. It offers 6 individually temperature controlled welding heads built inside one robust sealing block that deliver a consistent application of heat to ensure a perfect seal.

- Sealers are offered as either as Cut & Seal solutions that cut and seal film from a reel or as Seal Only solutions using pre-cut lids.
- Products can be formed cups (made of PS, PP, PET, APET CPET, aluminium and coupled cardboard), trays, bags or containers (made of plastic, glass and metal)
- Solutions are available for sealing only or with vacuum/gas facilities to extend product shelf life
- Build-in QC for YES/NO or Total vacuum seal options are also available.

Quick **fact sheet**

- **Fully automatic**
- Throughput models offered: **60, 120** and **200** products per minute
- **INDUSTRY 4.0 READY**: SECOMA SiteManager **1139 modem**, integrated into the machine HMI to enable **SMART** remote support, live stats and performance analysis as well as manufacturer enhancement feedback.
- Supporting **oval, round, conic, squared** and **rectangular** containers. Other options available.
- Works with most **PE-based** and **foil laminates** existing in the industry.
- Minimum foil waste, intra batches: **15mm-20mm**, reducing waste!
- Tolerance: margin **3-4mm**, trim **10mm**, reducing waste!
- Sub **20 minutes changeover**, reducing downtime!
- **Sanitary** design for highest standards of production
- Sealing **strength tuning** and **fine-tuning** per each sealing head may be done separately via the HMI
- **Explosion-Proof**, **Lid-Intrusion** and **'Breathing Foil'** upgrades available
- Tension Control Unit
- Built in **Quality Control** and Reject System
- Screw feeders for **slippage prevention**
- Over **80** machines sold
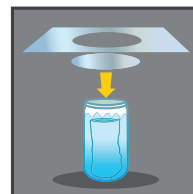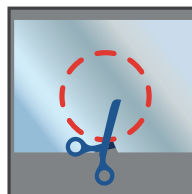
STANDARD SPECS

- **Industry 4.0** ready
- **Festo (Germany) pneumatics and Servo systems**
- Complete **SST304/316L** design
- **FDA** approved piping as applicable
- **SIEMENS (Germany)** PLC & HMI and MOTORS
- **BANNER** sensors
- **E-stop** buttons and safety interlocks wired through **CAT IV** safety controller
- **CE Marking**

"Since installing the Shemesh all-in-one Xpander wet wipes packer in our UK plant, we are already benefiting from significant reductions in manufacturing costs and waste while seeing an overall improvement in quality. The small footprint as well as the nearly hands-free, smart automation has resulted in extra factory space for us to increase capacity. Shemesh has really understood our business needs and we have since purchased several more of their machines. It is as much about the people behind this great brand as the machines themselves."

John Prentice, CEO, Allied Hygiene, **UK**

The Shemesh conduction-sealing application – also available in a monoblock configuration.

Global **presence**

Wisconsin, USA
North America HQ

State-of-the-art machine showroom, sales and after-sales support, spare parts inventory and North American logistics centre.

Hampshire, UK
Global Headquarters

CEO's office, Marketing, Strategy, Business Development and Finance.

Semur-en-Auxois, France
European HQ

French team, Tech centre featuring state-of-the-art machinery showroom, sales and after-sales support and European logistics centre.

Tel Aviv, Israel
R&D and Manufacturing

Operations, R&D, Engineering and Manufacturing.

"Strict waste management, minimum downtime and space design, safety, product protection, operational flexibility and long-term reliability are in the core DNA of our product portfolio and engineering mindset."

Luis Coronel, VP Global Sales & Business Development.

Explosion proofed & Corrosion proofed

Corrosive or alcohol-based solutions dictate that your equipment is duly fitted to professionally handle these delicate environments. Years of experience in the field made it possible for us to tailor you the exact protection so your production is safe and stable while your people and equipment are well protected keeping your facility at the top of the range.

ATEX

ANTI-CORROSION

All of our machines are constructed using SST 304/316L, and are available with anti corrosive proprietary coating. As well as the machine base, all vital parts such as nozzles and pumps are also specially treated.

SHEMESH AUTOMATION'S SEALPRO120 FULLY
AUTOMATIC LAMINATE CUTTING AND
CONDUCTION-SEALING MACHINE WITH COMPLETE
EXPLOSION {EX} AND CORROSION PROTECTION

Machine **specifications**

SealPro120

CONTAINER		
Size	Min H: 100mm	Max H: 280mm
	Min Dia: 75mm	Max Dia: 130mm
Capacity	6 containers per sealing cycle	
Machine throughput	120 canisters per minute	
Shapes supported	Round, oval, conic, square, rectangular, or special custom	
Major applicable	Cosmetics, Food, industries Pharma, Health & Beauty, Nonwovens	

SEALING FOIL	
Foil Type	Most of the industry standard PE based sealing laminates
Max Width	180mm
Roll Max Diameter	260mm
Roll Core Diameter	3″

WASTE CONTROL	
Tolerance	Margin 3-4mm trim (including margin) 10mm
Minimum foil waste, between batches	15mm-20mm

MACHINE CONTROL	
Safety controls, emergency stop & doors	Wired through category 4 controller
HMI Display & PLC	Siemens
Sensors	Omron, Sick or Banner
Voltage	US: 3x 208V, 16A Europe: 3x 380V, 10A Other international voltages available
Pneumatics	Festo or SMC

SealPro120 Indicative Layout

Side view

Top view

-6TC5
HEATER HEAD
TEMPERATURE CONTROLLER
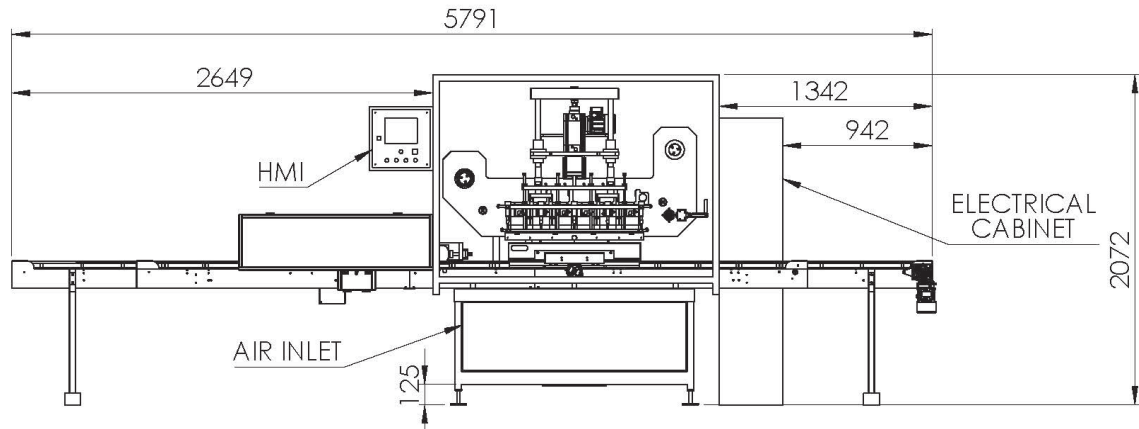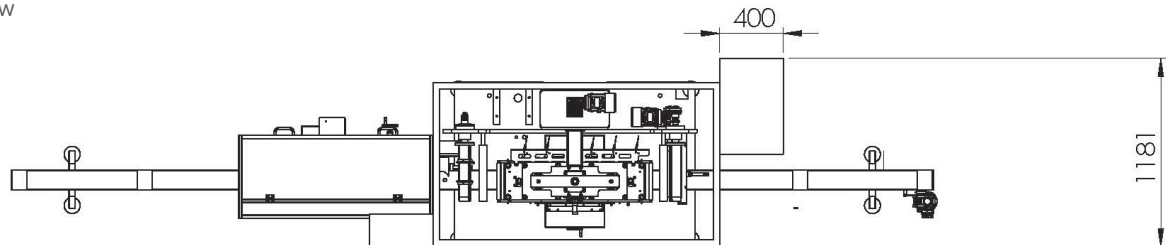
Global representation

Shemesh Automation collaborates with teams on complex Fortune 500 projects and has gained not only a proven and trusted network to put at your disposal, but also invaluable knowledge to help drive your projects.

We share our expertise to guarantee the maximum productivity of your machinery. Our global network of sales representatives and After Sales service specialists offer you flexible and efficient support. Our highly-qualified technicians ensure a fast solution whenever and wherever you need it.

REGIONAL HEADQUARTERS

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Shemesh USA Inc
Contact: Mr. Jim Livermore

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Shemesh Automation France
Contact: Ms. Nelly Desbiens

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Shemesh Automation Israel Ltd
Contact: Mr. Luis Coronel

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Shemesh Automation Australia
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Contact: Mr. Cameron McKenzie

LATIN AMERICA
Contact: Mr. Nir Baram

GLOBAL SALES
Contact: Mr. Luis Coronel

For all sales enquiries please contact us via **sales@shemeshautomation.com**

SEALPRO120 from Shemesh Automation for throughputs of up to 120 products per minute, also available as a **TOTAL** upgrade.

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SHEMESH AUTOMATION
PRUDENT PACKAGING SOLUTIONS

OVER 30 YEARS OF EXCELLENCE

www.shemeshautomation.com

Let us build your vision