

Gandus VAC SEAL SERIES



**SEMI-AUTOMATIC
VACUUM SEALER
WITH GAS FLUSH OPTION**

VAC SEAL S1 SERIES OF IMPULSE SEALER

A heavy-duty air operated model of semi-automatic impulse sealing machine with a vacuum facility and optional gas flush. The Vac Seal is suitable for continuous use and applications where there is a need for repeatable high-quality results, also removing operator control over the various machine cycles.

Supplied as standard as a table top machine, with the options of various stands and product support trays to enhance the use of the machine in both horizontal or vertical application. The machine is offered primarily for wider sections of single web plastic, co-extruded and laminated thermoplastic films e.g. Nylon/poly, Polyester/poly, etc.

The vacuum is created by using a single retracting nozzle (that protrudes into the bag), which is connected to an integral venturi pump system. This function is time controlled, as is the optional gas flush facility. The unit has the feature to allow the vacuum and the gas flush to both sequence twice (if required) e.g. timed vacuum, timed gas purge, timed vacuum, timed gas purge. The venturi operates from the air-line source that feeds the sealer.

The seal is generated automatically at the end of the above sequencing, pneumatic actuation closes the sealing jaws on a low-pressure circuit. Both the upper and lower sealing jaws are heated to ensure good heat transfer. The impulse sealing function is controlled by an electronic adjustable two stage timer, this regulates the heat and cool (dwell) cycle times.

All functions with this model are time controlled (adjustable) which are initiated by an electrical foot switch. The machine has a memory to enable different programme setting to be held. The machine is produced with stainless-steel covers with a wipe over digital operator control panel, some parts are aluminium. S1 Vac is available in a range of sizes.

Please note; Although the unit has gas flush capability, we do not offer gas regulator or gas supply.

FEATURES

Low pressure safety circuit.

Spring tensioned heating element.

Semi-automatic.

Vacuum extraction

Both jaws heated

OPTIONS

Gas Flush

Table stands

Support trays

Vertical stands

Microprocessor temperature and weld cycle controller (see separate brochure).



TECHNICAL SPEC

| MODEL S1 SERIES | S1 500 | S1 700 | S11000 |
|------------------------|---|------------------|-------------------|
| Sealable Thickness | Up to 2 x 200µ (2 x 800G) single web & plastic laminate | | |
| Seal Length mm | 510 | 710 | 1010 |
| Seal Width mm | 5 | 5 | 5 |
| Vacuum Time Control | Up to 60 secs | | |
| Gas Flush Time Control | Up to 60 secs | | |
| Heat Time | Up to 5 seconds | | |
| Cool Time | Up to 10 seconds | | |
| Power Consumption | 900 watts | 1350 watts | 1650 watts |
| Air Pressure | 6 Bar | | |
| Air Consumption | 11½ m ³ | | |
| Jaw Opening | 45mm | | |
| Head Only Foot Print | 59 x 24 x 49 cms | 79 x 24 x 49 cms | 111 x 24 x 49 cms |

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