



Validatable One-Station Heat Sealing Machine with Power Shuttle Tray System

advanced functionality in a compact design

Albus Power Shuttle Sealing Machines are designed to meet the demanding seal specifications of difficult to seal multi-tray medical packages. The sealing process is completely validatable using independent instrumentation which monitors sealing dwell time, temperature and pressure variables. The compact design fits conveniently on 3.0' x 4.5' of floor space. Precise and repeatable operation guarantees maximum production results along with compliance to the most demanding quality specifications.



SP1218 Shown with Optional Accessories

operation at a glance

- Operator places blisters or trays in nesting tray.
- Operator loads product, puts lidding stock in place, and activates the power shuttle switch.
- **The rest is automatic.** The powered shuttle tray precisely positions the packages. Packages are then sealed at predetermined temperature, pressure, and dwell time settings. Finally the powered shuttle tray returns automatically to the load/unload position.
- Operator removes sealed packages to complete the cycle.

features at a glance

- Sealing capacity
- 12" x 18 1/2" on SP1218
- 14" X 28" on SP1428
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Powered shuttle tray system
- Free standing, compact design
- One-sided operation
- Rapid changeover tooling
- Hinged Lexan™ service door for easy access
- Emergency stop switches
- 15 – 30 cycles per minute
- Production rates from 1,500 to 8,000 packages per shift

benefits at a glance

- Validatable process
- Fits easily in restricted space or tight to a wall
- Reduced operator fatigue
- Reduced repetitive motion injury liability
- Lower labor cost vs. two-sided machines
- Easy tool changeover assures maximum up-time
- Operator safety features standard on every machine

SPECIFICATIONS* — SP1218 and SP1428 Heat Sealing Machine

Machine Type	Automatic Shuttle
Number of Product Nesting Trays	1
Seal Area	
SP1218	12" x 18 1/2"
SP1428	14" x 28"
Sealing Unit	
Operating Temperature Range	32° – 700°F
Heater Capacity	
SP1218	3.9 kW 3900W
SP1428	7.8 kW 7800W
Machine Controls	Digital Temperature Controller with Auto Tune Digital Timer with .1 Adjust
Electrical	
Volts	208/230 VAC
Amps	30/40
Cycles	60 Hz
Phase	1/3
Cycle Speed	5 cycles/minute (operator dependent)
Compressed Air	
Volume	5 SCFM @ 5 cpm at 100 psi
Air Cylinder for Press	
SP1218	1
SP1428	2
Bore Diameter	
SP1218	8"
SP1428	6"
Maximum Form Depth	3 1/4"
Machine Dimensions	
Machine Height	73"
Machine Width	
SP1218	34"
SP1428	44"
Machine Depth	52"
Shipping Weight	1000 lb.
Operator Safety	
Controls	2 Emergency Stop Push Button
Guarding and Interlocks	Lexan™ Door with Positive Break Electrical Safety Interlocks

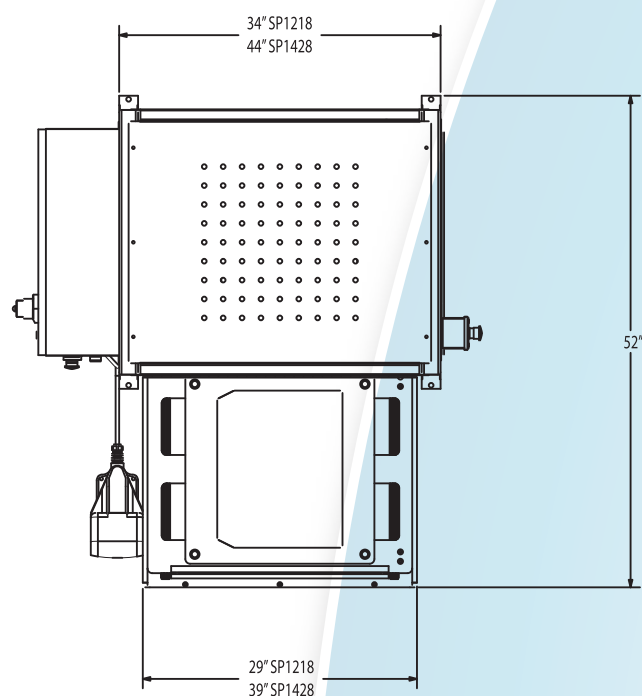
* Algus reserves the right to modify equipment specifications without prior notification.

If you have questions concerning our high performance sealing machines please contact us at the following:

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Machine Floor Plan



Accessories/Optional Features

- Heat Seal Tooling
 - one nesting tray
 - one heater plate
- PLC control with data acquisition
 - Time
 - Temperature
 - Pressure monitor
 - Alarm systems
- Teflon® coating for heater blocks
- Anodized tooling components
- Dual digital temperature controller
- Cylinder air exhaust filter
- Over size 8" air cylinder available on SP1428
- Light tower
- Foot switch

Algus Heat Seal Tooling

To ensure consistent seal quality, Algus heat seal tooling is built to the same specifications used to manufacture the equipment. Designed and manufactured in-house, all tooling components are tested to ensure quick installations and trouble-free changeovers.

