simply designed for ease of operation

The E series manual shuttle sealers are designed for ease of operator training and operation. This series of machines can adapt to seal blister packages for a wide range of products by simply changing the seal tooling. E series compact design fits conveniently on 3.0’ x 4.5’ of floor space. These systems are competitively priced making them ideal for contract packagers or low volume manufacturers. The E Series shuttle sealers will provide years of dependable performance with a minimum of maintenance.

operation at a glance

- Operator places blisters or trays in nesting tray.
- Operator loads product, puts card stock in place, pushes tray into seal position.
- Packages are then sealed at predetermined temperature, pressure, and dwell time settings.
- Operator returns the shuttle tray to the load/unload position.
- Operator removes sealed packages to complete the cycle.

features at a glance

Sealing capacity
- 12” x 18.5” on SP1218E
- 14” X 28” on SP1428E
- Digital temperature control
- Digital seal contact timer
- Adjustable sealing pressure
- Manual shuttle tray system, optional powered tray
- Free standing, compact design
- One-sided operation with a two-sided option
- Rapid changeover tooling
- Hinged Lexan™ service door for easy access
- Emergency stop switches
- 1-10 cycles per minute

benefits at a glance

- Fits easily in restricted space or tight to a wall
- Reduced operator training
- Seals a wide range of products
- Easy tool changeover assures maximum up-time
- Operator safety features standard on every machine
- Requires limited floor space
## SPECIFICATIONS — SP1218E and SP1428E Heat Sealing Machine

### Machine Floor Plan

![Machine Floor Plan](image)

### Accessories/Optional Features

- Heat Seal Tooling
  - one nesting tray
  - one heater plate
- Dual Shuttle Tray
- Powered Shuttle Tray
- Teflon® coating for heater blocks
- Anodized tooling components
- Digital temperature controller
- Foot switch

### Machine Type

<table>
<thead>
<tr>
<th>Machine Type</th>
<th>Semi-Automatic Shuttle</th>
</tr>
</thead>
</table>

### Number of Product

| Nesting Trays | 1 |

### Seal Area

| SP1218E | 12” x 18.5” |
| SP1428E | 14” x 28” |

### Sealing Unit

| Operating Temperature Range | 32˚ – 800˚F |
| Heater Capacity             | SP1218E 3.9 kW 3900W |
|                            | SP1428E 7.8 kW 7800W |

### Machine Controls

- Digital Temperature Controller with Auto Tune
- Digital Timer with .1 Adjust

### Electrical

<table>
<thead>
<tr>
<th>Volts</th>
<th>208/230 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amps</td>
<td>20/30</td>
</tr>
<tr>
<td>Cycles</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Phase</td>
<td>1/3</td>
</tr>
</tbody>
</table>

### Cycle Speed

6 cycles/minute (operator dependent)

### Compressed Air

| Volume          | 5/10 SCFM @ 5 cpm at 100 psi |

### Air Cylinder for Press

| SP1218E | 1 |
| SP1428E | 2 |

| Bore Diameter | 6” |
|               | 6” (2) |

### Maximum Form Depth

4 1/4”

### Machine Dimensions

| Machine Height | 73” |
|                |     |
| Machine Width  | 30” |
| SP1428E        | 40” |
|                |     |
| Machine Depth  | 55” |

### Shipping Weight

600/800 lb.

### Operator Safety

- Controls: Emergency Stop Push Button
- Guarding and Interlocks: Lexan® Door with Positive Break Electrical Safety Interlocks

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

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

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