Clamshell / Blister Packaging Equipment
PHS1 SERIES
MANUAL IMPULSE
CLAMSHELL SEALING MACHINE

PHS1-26 manual impulse sealing machine
Shown with optional casters & chiller

Starview Packaging Machinery, Inc.
Toll free: 1-888-278-5555 / www.starview.net
EXPERIENCE THE STARVIEW ADVANTAGE:

- A heavy-duty industrial unit that can seal long clamshell packages without the need for tooling.
- Top and bottom pressure bars heated by impulse bands heat both sides of the package to reduce process time.
- Digital heat and cool cycle controller for process repeatability.
- Industry leading design, construction, features and customer support.

DESCRIPTION:

**Starview’s PHS1 Series** impulse jaw type sealing machines are used to make a continuous bar seal across one open end or side of a plastic-to-plastic clamshell package. The standard machines feature one impulse heated sealing jaw with provision for optional air or water cooling of the jaws to improve the cycle time. Both the upper and lower jaws are heated and cooled. Custom machines with wider sealing areas are available on request.

For machines capable of higher production rates, profile sealing and automation **Starview’s PHS Rotary, PHSA Automatic Rotary and BSC II Automatic Carousel Series** should be considered.
**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealing area:</td>
<td>0.25” x 26”</td>
</tr>
<tr>
<td>Minimum flange width:</td>
<td>0.375”</td>
</tr>
<tr>
<td>Open loading stations:</td>
<td>1</td>
</tr>
<tr>
<td>Heating:</td>
<td>Upper and lower impulse band</td>
</tr>
<tr>
<td>Cooling:</td>
<td>Jaws drilled for water or air cooling</td>
</tr>
<tr>
<td>Average cycle speed:</td>
<td>1 – 6 cpm</td>
</tr>
<tr>
<td>Working height:</td>
<td>40”</td>
</tr>
<tr>
<td>Electrical</td>
<td>220 Volts / 1 PH / 16 Amps</td>
</tr>
</tbody>
</table>

Specifications and model availability are subject to change without notice.
PHS SERIES

SEMI-AUTOMATIC ROTARY PLASTIC-TO-PLASTIC CLAMSHELL AND BLISTER SEALING MACHINE

PHS8-1824
with unloader

PHS6-1418

PHS3-1418

Starview Packaging Machinery, Inc.
Toll free: 1-888-278-5555 / www.starview.net
EXPERIENCE THE STARVIEW ADVANTAGE:

- A wide range of standard and custom features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Starview’s exclusive hot/cold sealing press system allows plastic to plastic sealing of PVC, RPVC, PETG, RPETG, GAG PET, GRG PET and similar materials without the use of RF generators.
- AC Variable frequency precision cam index rotary table drive for smooth table operation and position repeatability.
- Starview’s exclusive selectable sealing station program allows the use of one (1) through the maximum sealing fixtures with operator selected start position from the HMI for short runs or single person operation.
- Industry leading design, construction, features and customer support.

DESCRIPTION:

Starview’s PHS Series rotary type Clamshell and Blister sealers are designed for medium to higher volume production requirements. These machines may be used for Plastic-to-Plastic Clamshell sealing as well as conventional carded blisters, full face blisters and half-clamshell styles including applications using Tyvek, foils and other heat sealable lidstock. The PHS Series units are available in three (3), six (6) and eight (8) station designs. The three-station machines are only available with a 14” x 18” sealing area. Six and Eight station models are available in standard sealing areas of 14 x 18 and 18 x 24 inches. Larger sealing areas are available on request. The standard machines feature one heated sealing station and one cooled station with the remaining stations used for load/unload stations.

For machines capable of higher production rates and value-added automation Starview’s PHSA Rotary and BSC II Carousel fully automatic sealers should be considered.
Please request specific model quotations for complete pricing, specifications and options from your local distributor. Feel free to contact Starview to obtain the contact information for the authorized distributor in your area.

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal sealing area</th>
<th>Number of open stations</th>
<th>Card feeder</th>
<th>Finished package unloader</th>
<th>Max clamshell/blister depth</th>
<th>Max clamshell back height</th>
<th>Avg. cycle speed clamshell pkg</th>
<th>Avg. cycle speed blister pkg</th>
<th>Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHS3-1418</td>
<td>14” x 18”</td>
<td>1</td>
<td>Not available</td>
<td>Not available</td>
<td>3.0”</td>
<td>1.25”</td>
<td>1–6 cpm</td>
<td>1–8 cpm</td>
<td>208-230 Volts / 1 PH / 32 Amps</td>
</tr>
<tr>
<td>PHS6-1418</td>
<td>14” x 18”</td>
<td>4</td>
<td>Not available</td>
<td>Optional-Self standing</td>
<td>3.0”</td>
<td>2.0”</td>
<td>1-12 cpm</td>
<td>1-15 cpm</td>
<td>208-230 Volts / 1 PH / 32 Amps or 208-230 Volts / 3 PH / 25 Amps</td>
</tr>
<tr>
<td>PHS6-1824</td>
<td>18” x 24”</td>
<td>4</td>
<td>Not available</td>
<td>Optional-Self standing</td>
<td>3.0”</td>
<td>2.0”</td>
<td>1-12 cpm</td>
<td>1-15 cpm</td>
<td>208-230 Volts / 1 PH / 55 Amps or 208-230 Volts / 3 PH / 45 Amps</td>
</tr>
<tr>
<td>PHS8-1418</td>
<td>14” x 18”</td>
<td>5</td>
<td>Optional-Self standing</td>
<td>Standard</td>
<td>3.0”</td>
<td>2.0”</td>
<td>1-12 cpm</td>
<td>1-15 cpm</td>
<td>208-230 Volts / 1 PH / 40 Amps or 208-230 Volts / 3 PH / 25 Amps</td>
</tr>
<tr>
<td>PHS8-1824</td>
<td>18” x 24”</td>
<td>5</td>
<td>Optional-Self standing</td>
<td>Standard</td>
<td>3.0”</td>
<td>2.0”</td>
<td>1-10 cpm</td>
<td>1-14 cpm</td>
<td>208-230 Volts / 1 PH / 93 Amps or 208-230 Volts / 3 PH / 45 Amps</td>
</tr>
</tbody>
</table>

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Starview Packaging Machinery, Inc.

Leading the industry

With innovative packaging machine designs for:

- Blister & Clamshell Sealing
- Medical / Pharmaceutical Packaging
- Stretch Pak Packaging
- Skin Packaging and Die Cutting
- Food Tray Packaging
- Thermoforming / Vacuum Forming
- Customized Packaging Equipment - Systems with Automation & Integration

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PHSA SERIES
FULLY AUTOMATIC ROTARY PLASTIC-TO-PLASTIC CLAMSHELL AND BLISTER SEALING MACHINE

PHS8A Automatic Rotary Plastic-to-Plastic Clamshell and Blister Sealing Machine

Starview Packaging Machinery, Inc.
Toll free: 1-888-278-5555 / www.starview.net
EXPERIENCE THE STARVIEW ADVANTAGE:

- A wide range of standard and custom features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Starview’s exclusive hot/cold sealing press system allows plastic to plastic sealing of PVC, RPVC, PETG, RPETG, GAG PET, GRG PET and similar materials without the use of RF generators.
- AC Variable frequency precision cam index rotary table drive for smooth table operation and position repeatability.
- Automatic card feeder, front and back clamshell feeders & finished package unloader standard for high-volume clamshell packaging and reduced labor input.
- Industry leading design, construction, features and customer support.

DESCRIPTION:

**Starview’s PHSA Series** rotary type Clamshell and Blister sealers are designed for high volume production requirements. These machines may be used for Plastic-to-Plastic Clamshell sealing as well as conventional carded blisters, full face blisters and half-clamshell styles including applications using Tyvek, foils and other heat sealable lidstock. The **PHSA Series** units are available in eight (8) station designs with standard sealing areas of 14 x 18 inches and 18 x 24 inches. Larger sealing areas are available on request. The standard machines feature one heated sealing station and one cooled station, one finished package unload station, one bottom blister feed station, one insert card feed station and one top blister feed station with the remaining stations used for operator product loading stations.

For machines capable of higher production rates or with additional open stations for value-added automation please consider Starview’s **BSC II Carousel Series** machines.
Please request specific model quotations for complete pricing, specifications and options from your local distributor. Feel free to contact Starview to obtain the contact information for the authorized distributor in your area.

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**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th></th>
<th>PHS8A-1418</th>
<th>PHS8A-1824</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sealing area:</strong></td>
<td>14” x 18”</td>
<td>18” x 24”</td>
</tr>
<tr>
<td><strong>Number of open stations:</strong></td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Clamshell front feeder:</strong></td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Card feeder:</strong></td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Clamshell back feeder:</strong></td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Finished package unloader:</strong></td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td><strong>Max clamshell/blister depth:</strong></td>
<td>3.0”</td>
<td>3.0”</td>
</tr>
<tr>
<td><strong>Max clamshell back height:</strong></td>
<td>1.5”</td>
<td>2”</td>
</tr>
<tr>
<td><strong>Avg. cycle speed clamshell pkg:</strong></td>
<td>1-14 cpm</td>
<td>1-14 cpm</td>
</tr>
<tr>
<td><strong>Avg. cycle speed blister pkg:</strong></td>
<td>1-20 cpm</td>
<td>1-16 cpm</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>208-230 Volts / 3 PH / 25 Amps</td>
<td>208-230 Volts / 3 PH / 45 Amps</td>
</tr>
</tbody>
</table>

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- Blister & Clamshell Sealing
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BSC SERIES

FULLY AUTOMATIC CAROUSEL BLISTER SEALING MACHINES

Typical BSCII Series Carousel Machine shown with feeders and finished package unloader.
EXPERIENCE THE STARVIEW ADVANTAGE:

- A wide range of standard and custom automation features available to match customer requirements.
- ANSI Class 4 machine safety for operator protection.
- Color touch screen HMI for the ultimate in operator convenience and accessibility. Includes storage for 99 databases and on-screen data tracking.
- A Starview exclusive remote access via standard Ethernet hardwire or optional Wi-Fi router gives management access to real-time process information from the machine.
- Starview’s exclusive hot/cold sealing press system allows plastic to plastic sealing of PVC, RPVC, PETG, RPETG, GAG PET, GRG PET and similar materials without the use of RF generators.
- AC Variable frequency precision cam index conveyor drive for smooth table operation and position repeatability.
- Automatic card feeder, front and back clamshell feeders & finished package unloader standard for high-volume clamshell packaging and reduced labor input.
- Industry leading design, construction, features and customer support.

DESCRIPTION:

Starview’s BSCII Series carousel type clamshell and blister sealers are designed for high volume production requirements. Sixteen (16) station machines are standard; however, units can be manufactured with anywhere from ten (10) to twenty (20) or more stations. Standard sealing areas of 14” x 18” and 18” x 24” are offered as well as custom sizes. The standard BSCII Series machines feature one heated sealing station, one cooling station, one bottom blister feed station, one card feed station, one top blister feed station & one finished package unload station with the remaining positions used for operator product loading and advanced automation such as printing, vision systems, product detection, etc.

The BSCII Series machines may be used for Plastic-to-Plastic Clamshell sealing as well as conventional carded blisters, trapped blister packages, club style trapped blister packages, full face blisters and half-clamshell styles including certain applications using Tyvek, foils and other heat sealable lidstock.
Please request specific model quotations for complete pricing, specifications and options from your local distributor. Feel free to contact Starview to obtain the contact information for the authorized distributor in your area.

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### SPECIFICATIONS:

<table>
<thead>
<tr>
<th></th>
<th>BSC II 16-1418</th>
<th>BSC II 16-1824</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal sealing area:</td>
<td>14” x 18”</td>
<td>18” x 24”</td>
</tr>
<tr>
<td>Total no. of sealing fixtures:</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Open loading stations:</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Bottom blister feeder:</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Insert card feeder:</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Top blister feeder:</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Finished package unloader:</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Maximum blister depth:</td>
<td>3.0”</td>
<td>3.0”</td>
</tr>
<tr>
<td>Max clamshell back height std:</td>
<td>2.5”</td>
<td>2.5”</td>
</tr>
<tr>
<td>Average cycle speed:</td>
<td>1 – 14 cpm</td>
<td>1 – 12 cpm</td>
</tr>
<tr>
<td>Electrical:</td>
<td>208-230 Volts / 3 PH / 35 Amps</td>
<td>208-230 Volts / 3 PH / 50 Amps</td>
</tr>
</tbody>
</table>

Specifications and model availability are subject to change without notice.