The PSI Hydraulic Screen Changer allows for filtration of most polymers with minimum disruption during a screen change. PSI Hydraulic Screen Changers feature a patented pressure activated seal that not only seals to 10,000 psi, it eliminates degradation and gels caused in other slide plate type screen changers. PSI Hydraulic Screen Changers are designed to withstand extreme temperatures and filter highly sensitive compounds. Unit can be supplied with either one or three heat zones.

Features Include

- Patented #7,147,744 B2 pressure activated seal
- Seal design eliminates hang-up areas
- All seal parts - 4140 heat treated steel
- Breaker plate open area largest in the industry
- Rugged, tight-fitting, tamper proof guards
- Industry standard interface connections
- Slide Plate heater wires flex away from poly
- One or three zones of temperature control
- Process temperatures from 100° F - 700° F

Benefits

Patented seal eliminates degradation and gels
Seals never need replacing - no maintenance
Many parts interchangeable with other makes
Guards are truly safe protecting operator from mechanical and burn injury
Slide plate heater design means less maintenance
Design meets most applications without costly options
Improvements equate to lower installed and operating costs

Applications

- Sheet
- Coating
- Pipe and profile
- Compounding
- Tubing
- Lab lines
- Wire and cable
- Pelletizing (strand and underwater)
- EVA, hot melt adhesive and PSA
- Blown film and cast film
- Most polymers
## Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Extruder Output (lbs/hr)</th>
<th>Heater KW</th>
<th>Screen Diameter (in)</th>
<th>Screw Pull Through (in)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
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<td>Body</td>
<td>Slideplate</td>
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For larger sizes and special applications contact our PSI sales office.

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## Advantages of Using PSI’s Hydraulic Screen Changer

**Patented All-Metal Seal**
- Made with 4140 tool grade steel
- No wear and no maintenance
- No hang up areas means no polymer degradation
- No process or temperature limitations

**Truly Safe Guards**
- Polymer spray proof
- Interlocked to Category 3 safety
- Easy to use yet rugged

**Slide Plate Heating**
- Wires flex away from polymer environment
- Only one temperature control is required for the entire screen changer (3-zone heat control available)

**Other Features**
- All metric threads for global acceptance
- Industry standard interface connections that are interchangeable with other makes
- Extruder screws can be pulled through the screen changer without removal from the extruder