PSI Manual Screen Changers provide a cost effective filtration solution for the polymer extrusion industry. Designed and manufactured in the U.S., the Manual Screen Changer features a pressure activated seal to ensure leak-free operation up to 10,000 psi and 450° F, 700° F with optional patented all-metal seal. The Manual Screen Changer is ideal for processes that can be shut down momentarily in order to make a screen change.

PSI Manual Screen Changers can be custom designed for specific applications and processes including higher pressures, integrated divert, and special materials.

Features Include

- 3 position handle
- Compact / Low profile design
- Bolt through connections standard
- Guaranteed leak-free operation to 10,000 psi
- Breaker plate open area largest in industry
- All parts manufactured to ISO-9002 standards
- Integral up and down stream adaptors available
- Process temperatures to 450° F, 700° F with optional patented all-metal seal

Benefits

Filters out contaminants
Simple and easy changeover
Minimal machine downtime
Easier access and less interference for the operator
Extruder screw may be pulled through the screen changer without removal
Low cost
Quick delivery time

Applications

- Blown and cast film
- Sheet
- Coating
- Pipe and profile
- Compounding
- Wire and cable
- Tubing
- Blow molding
- Food and chemical
- Lab lines
- Textiles (fibers and nonwovens)
- EVA and hot melt adhesive
- High pressure
- Co-ex satellite extruders
- Pelletizing (strand and underwater)
- Most polymers and viscous materials
## Technical Data

<table>
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<tr>
<th>Model</th>
<th>Extruder Output (lbs/hr)</th>
<th>Extruder Output (kg/hr)</th>
<th>Screen Diameter (in)</th>
<th>Screen Diameter (mm)</th>
<th>Filter Area (in²)</th>
<th>Filter Area (cm²)</th>
<th>Screw Pull Through (in)</th>
<th>Screw Pull Through (mm)</th>
<th>Weight (lbs)</th>
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For larger sizes and special applications contact our PSI sales office

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### Mounting and Interface Options

- **BOLT THROUGH (STD.)**
- **STUD MOUNT**
- **BOLT ON**
- **"C" CLAMP ADAPTER**
- **FLOW**
- **CUSTOMER SPECIFIED DIAMETER**
- **DOWNSTREAM REDUCER BUSHING**
- **EXTRUDER BARREL THREAD**
- **CONNECTOR RING**
- **TYPICAL MOUNTING INTERFACE FOR SCREEN CHANGER**
- **bolt size**
- **internal thread size**
- **user specified bolt pattern**
- **integral "C" clamp adapter**
- **MSC 3 position handle**

1703 Pineview Street SE in Conover, NC 28613     Ph: 828.468.2600 • Fx: 828.468.2610
sales@psi-polymersystems.com     www.psi-polymersystems.com