



Manual Screen Changer (MSC)

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 700°F. 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

- Compact / Low profile design
- Breaker plate open area largest in industry
- Bolt-through connections standard
- Leak-free operation to 10,000 psi
- All parts manufactured to ISO-9002 standards
- 3-position handle
- Integral Up and Down stream adaptors available
- Process temperatures to 700°F

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 manual screen changer without removal
- Low-cost
- Quick delivery time

Applications

- Most all polymers and viscous materials
- 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
- Multiple extrusion lines with minimal space
- Pelletizing (Strand and Underwater)
- Blown film and cast film

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