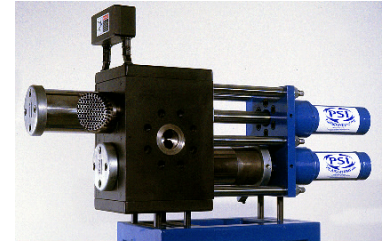




# Continuous Screen Changer (CSC)

The Continuous Screen Changer allows for filtration of most all polymers without interrupting production during a screen change. The Continuous Screen Changer consists of two screen bolts with each containing a filter cavity. When a screen change is required, one of the bolts is moved out of the housing while the other remains in the operating position. The dirty screen pack is removed and replaced with a new one. The bolt is then moved back into the housing to its venting stages before resuming operation. These steps are then repeated for the other bolt. This concept allows for continuous filtration with no interruption or loss of production. PSI Continuous Screen Changers can be designed to withstand extremely high-pressure applications. PSI guarantees leak-free operation up to 10,000 psi.



## Features

- Leak-free operation to 10,000 psi
- Breaker plate open area largest in the industry
- All parts manufactured to ISO-9002 standards
- Rugged design provides resilience to wear
- No seals or contact parts
- Minimum pressure drop
- Process temperatures to 850° F
- Continuous operation / no shut down

## Benefits

- Design allows for a screen change without interrupting material flow
- Eliminates line shutdown thus increasing production
- Absence of wear surfaces allows us to provide a five-year warranty against melt leaks.
- Turn-key systems available
- No seals to replace
- Filters out contaminants
- Easier access and less interference for the operator
- Quick delivery time

## Applications

- Most all polymers
- Sheet
- Coating
- Pipe and profile
- Compounding
- Wire and cable
- Underwater pelletizing and strand pelletizing
- Blown film and cast film
- Lab lines
- Textile (fibers and nonwovens)
- Tubing
- EVA, Hot-melt adhesive and PSA
- FPVC and other highly corrosive materials
- Degradable materials

1720 Tate Boulevard SE, Hickory, North Carolina 28602 Phone: 828-345-6264 Fax: 828-345-6265  
e-mail: [sales@psi-polymersystems.com](mailto:sales@psi-polymersystems.com) internet: [www.psi-polymersystems.com](http://www.psi-polymersystems.com)