



Manual Screen Changer (MSC)

"All PSI products and components are proudly designed and manufactured in the USA."



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

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.

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

Model MSC	Extruder Output (lbs/hr) (kg/hr)	Screen Diameter (in) (mm)	Filter Area (in ²) (cm ²)	Screw Pull Through (in) (mm)	Weight (lbs) (kg)
046	15-300 6.8-136	1.82 46.3	2.60 16.77	1.5 30	35 16
058	300-750 136-340	2.30 58.3	4.12 26.58	2 50	60 27
076	500-1,300 227-590	3.00 76.3	7.07 45.61	2.5 65	85 39
096	850-2,100 386-953	3.79 96.3	11.28 72.77	3.5 90	125 57
116	1,200-3,000 544-1,361	4.58 116.3	16.47 106.26	4 105	210 95
125	1,500-3,500 680-1,588	4.93 125.3	19.09 123.16	4.5 120	225 102
148	2,000-4,800 907-2,177	5.84 148.3	26.79 172.84	5.5 130	310 141

For larger sizes and special applications contact our PSI sales office

Mounting and Interface Options

