



Manual Screen Changer (MSC)

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



Shown: MSC-096, 076, 046

Features

- 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
- Integral Up and Down stream adaptors available
- Ratchet handle operation available
- Process temperatures to 700° F (HT model)

PSI Manual Screen Changers (MSC) offer a high performance, cost effective filtration solution for processes that can be shut down momentarily to perform a screen change.

Designed and manufactured in the USA, the Manual Screen Changer features a proprietary, pressure activated steel seal for guaranteed leak-free operation up to 10,000 psi and 700°F. Polymer-based ring seals are optionally available for low viscosity applications.

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

Benefits

Reliably filters out contaminants

Simple and easy screen operation

Minimal machine downtime for screen changes

Easier access and less interference for the operator

Extruder screw may be pulled through the screen changer without removal

Low investment and maintenance costs

Adaptable to all like-sized OEM connections

Quick delivery time

Applications

- 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
- Pelletizing (strand and underwater)
- Blown film and cast film
- Most all polymers and viscous materials

Technical Data

Model	Extruder Output	Screen Diameter	Filter Area	Weight
MSC	lbs/hr kg/hr	inch mm	inch ² cm ²	lbs kg
046	15-300 6.8-135	1.82 46	2.60 16.77	40 18
058	300-750 135-340	2.29 58	4.12 26.58	60 30
076	500-1,300 225-590	3.00 76	7.07 45.61	85 40
096	850-2,100 385-950	3.79 96	11.28 72.77	150 68
116	1,200-3,000 545-1,360	4.58 116	16.47 106.26	210 95
125	1,500-3,500 680-1,600	4.93 125	19.09 123.16	225 100
148	2,000-4,800 900-2,200	5.84 148	26.79 172.84	455 206

For larger sizes and special applications contact our PSI sales office

Mounting and Interface Options

