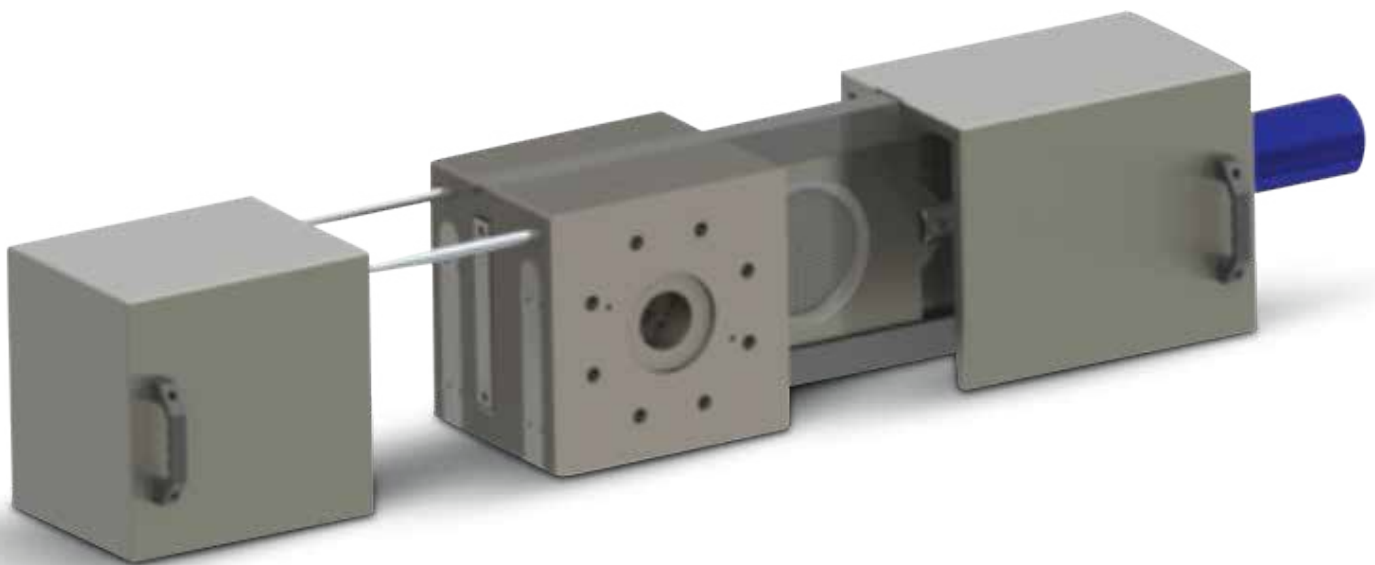


BF

Plate Type Screen Changer for Extrusion



In Extrusion applications, production efficiency and perfect product quality can only be provided correctly equipped extruders. In extrusion applications, foreign parts which comes with the raw material or other external ways disrupt the production and effect the final product's quality. Besides they can make serious faults on equipment. For this reason, besides the separation of the solid material at the extruder inlet, the filtration in the melt phase at the extruder outlet is very important.

WHY "BF" FILTER?

- Simple and safe filtering operation
- Optimized flow channels for high and low viscosity melts.
- The dynamic expansion system has excellent sealing.
- High quality materials and finish
- Maximum safety with covers.
- Optional temperature and pressure sensors and interconnection Adaptors.

BF

Plate Type Screen Changer for Extrusion

Application Area

- Sheet
- Foam
- Blow Film
- Pipe
- Profile
- Blow Molding
- Fiber
- Granulation
- Compound
- Cable

Limit Conditions

Temperature:	350 °C
Operating pressure:	700 bar
Pressure difference:	100 bar



Technical Data

Filter Size:	75 - 300 mm
Screen Area:	44 - 705 cm ²
Installation:	Suitable for all machinery type
Technology:	Plate type, dynamic sealing

Operation

Melt flow is directed to the filtering plate from the inlet via a flow optimized channel. The dirt on the molten material is kept on the filter mesh. The cleaned melt delivered to the exit of the filter.

In order to clean the dirty mesh, the filter plate is taken out and changed with the clean one with the help of hydraulic system. During the movement of the plate, sealing is provided with a dynamic expansion seals.

After switching the breaker plate, dirty filter mesh is changed and made ready for the next time.

Model	Filter Size	Filtering Area (cm ²)	Filtering capacity (Kg/h)
BF 75	75	44	50-130
BF 100	100	78	120-250
BF 125	125	122	220-360
BF 150	150	176	300-600
BF 175	175	240	400-800
BF 200	200	314	600-1200
BF 250	250	490	1000-2500
BF 300	300	705	1000-2600

NOTE: The capacity values in the table vary according to the viscosity of the material, the size of the filter mesh and the pollution rate.

Spare parts

- Connection adapter
- Support Base (Chassis)
- Control system
- Breaker plate
- Extra Protection covers

BF Other Filter Types

- CF- Plate type filter
- CFL- Extra-large filtering area, continuous filter

Options

- High pressure version
- High temperature version
- Corrosion proof coating