

## A HISTORY OF EXPERIENCE AND EXPERTISE

At Kolcor, we design and sell screen changers that address our customers' challenges and suit their needs—without wasting a dime.

Among Kolcor's many advantages is a staff with 100 years of combined experience. Their knowledge of the industry gives them the unique ability to quickly grasp what you do, assess what you need, and recommend the right piece of equipment for your material and your process.

Every Kolcor screen changer is based on three fundamental design criteria: functionality, quality, and safety. The machine you buy from Kolcor will do what we say it is going to do, efficiently and economically.

And because we do all of the design, sales, and service under one roof, you enjoy the advantages of one-stop shopping and the attention that makes Kolcor not merely a supplier, but a partner in your business.

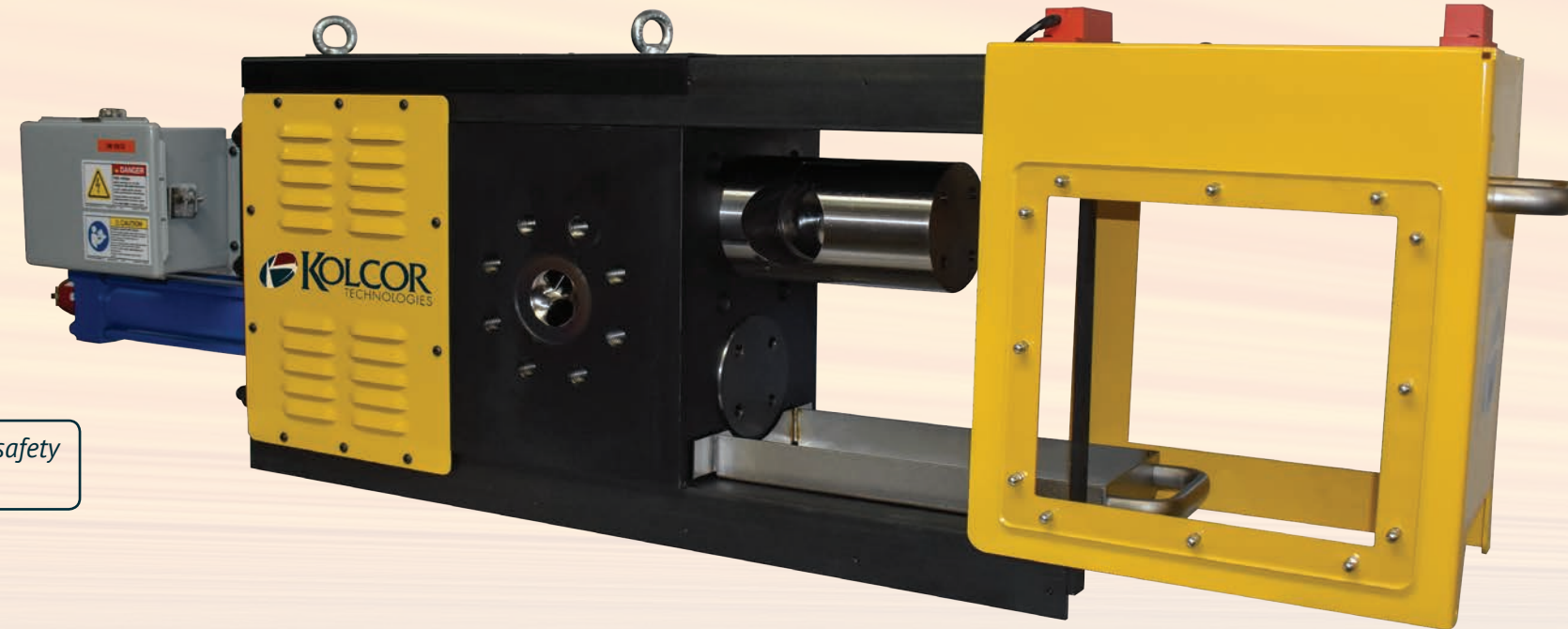
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# DB Continuous Screen Changers

## Why Kolcor?

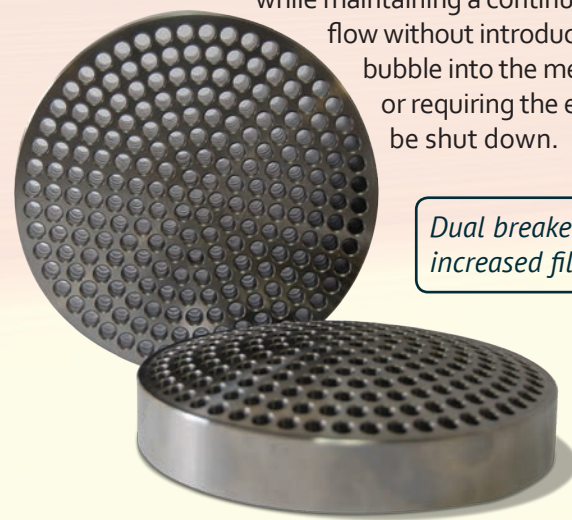
Kolcor Technologies LLC is not a small arm of some faceless conglomerate, we are a small company exclusively producing and perfecting screen changers. Instead of risking resources and outcomes by shopping for the cheapest parts, we make our parts and assemble our machines, ourselves. Not only does this allow us to keep our costs low and reduce turnaround time, but we are in control of the quality from the time we purchase the raw material to when we crate your machine and ship it to you. No other American screen changer manufacturer can make this claim.



*Integrated guards with magnetic safety switches for added safety*

### Operation

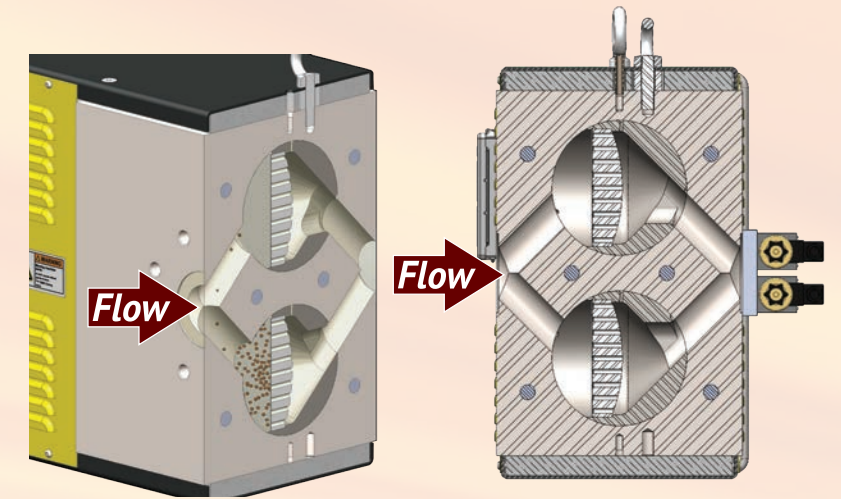
The DB Continuous Screen Changer filters out contaminants that would compromise the end product or damage down-stream equipment and provides a means for replacing dirty filters while maintaining a continuous melt flow without introducing an air bubble into the melt stream or requiring the extruder to be shut down.



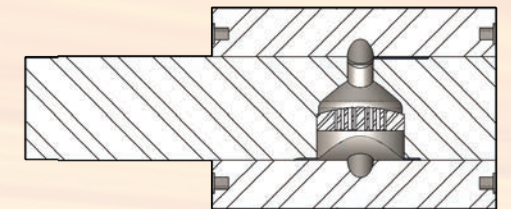
*Dual breaker plates for increased filtration area*

During normal operation, melt flow is divided between two filtration screens. The operator can monitor the amount of contamination by observing the pressure differential across the filter. Once the pressure drop reaches a certain level, the operator presses a button to initiate a screen change. The top bolt then will move itself off-line until the top filter is completely exposed. At this time, the operator will open the sliding guard, thus disabling the controls, and replace the dirty filter. Once this is done, the operator will close the guard and re-press the control button. The filter will then move partway into the body, where all air will be purged from the bolt cavity before moving on-line. The bottom bolt will then move off-line, and the cleaning process will be repeated.

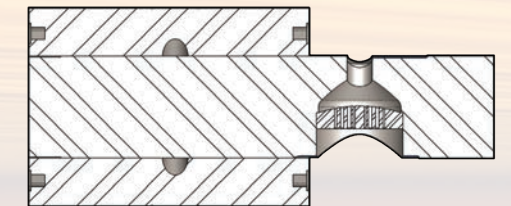
*Dual flow for continuous filtration*



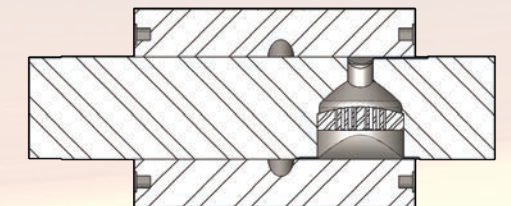
**Step 1:**  
*Operation Position*



**Step 2:**  
*Bolt Extended - filter exposed for cleaning*



**Step 3:**  
*Vent Position*



### Applications

- Sheet
- Blown film
- Wire and cable
- Profile extruding
- Pipe
- Tubing
- Pelletizing
- Reclaim/Recycling

### Standard Product Features

- Continuous filtration so no shut down period
- Dual breaker plates
- Up to 10,000 psi operating pressure
- 650°F max operating temperature
- Precision machining on DB parts
- Automated controlled accuracy
- One-sided changing to keep a continuous flow
- Drip pan to keep surrounding area clean
- FEA design
- Integrated guards for safety

### Benefits

- No interruption in melt flow means less scrapped material and reduces the chance of cavitations
- Filtration continues while screens are being replaced
- Eliminates the need for seals
- Day-to-day operation requires little training
- Keeps hydraulic and electrical components clean
- Simplifies polymer removal
- Ensures customers' safety while keeping costs lower
- Protects customer from pinch, crush and burn injuries

**Put us to the test: Contact us today and we will put the right screen changer on your line.**