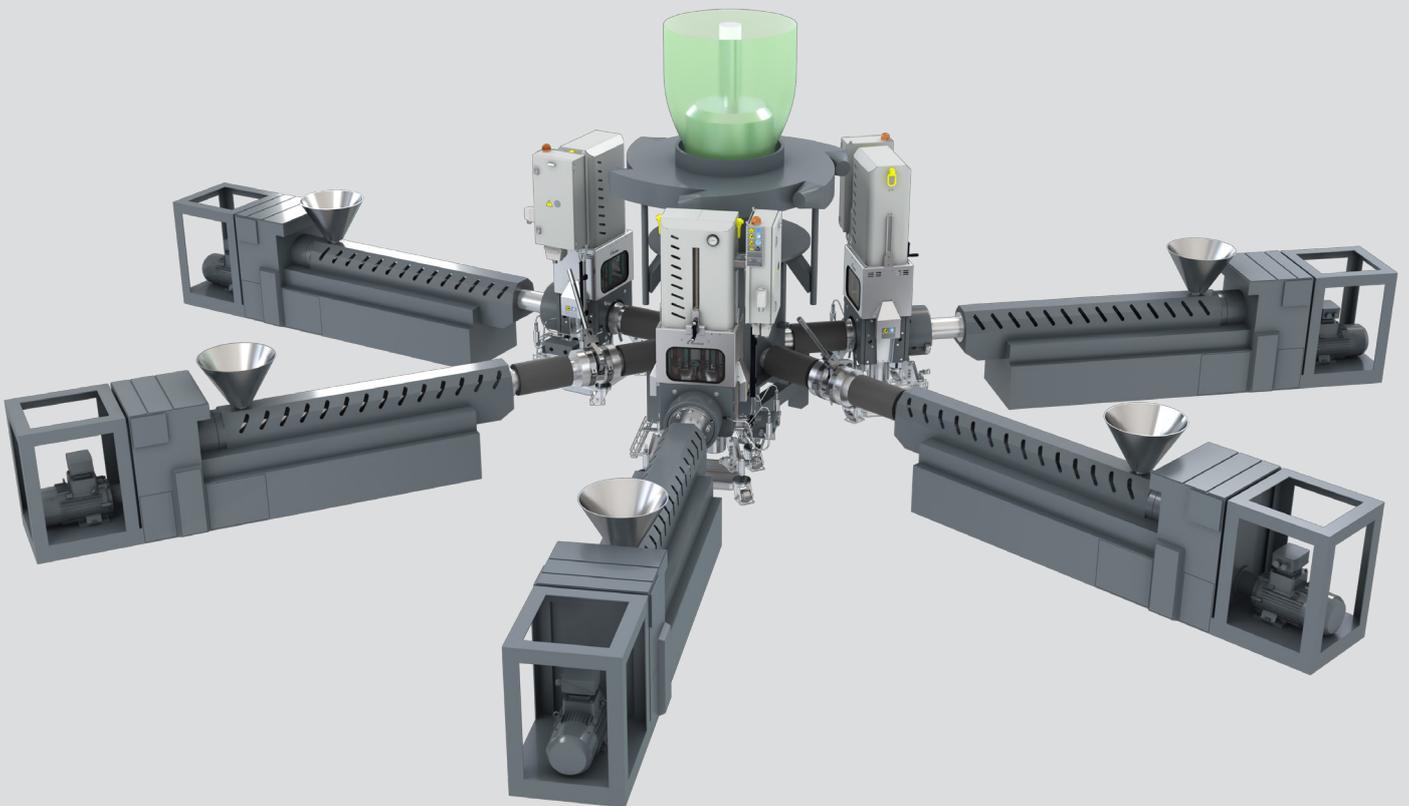


100% Recyclate

in Your Blown Film Line

BKG[®] HiCon[™] K-SWE-HD/RS



BKG® HiCon™ K-SWE-HD/RS

High Pressure Backflush Melt Filter for Processing Recyclates in Blown Film Applications

Changing Tides

Plastic needs to be more sustainable. This call is louder than ever, and governments react with new laws, regulations, taxes, and penalties. The overall goal is to reduce the amount of virgin plastics and push recycling.

Everyone handling polymers knows that little changes in the process can have a massive impact – and the shift from only virgin to high levels of recycled content is huge, especially in blown film applications.

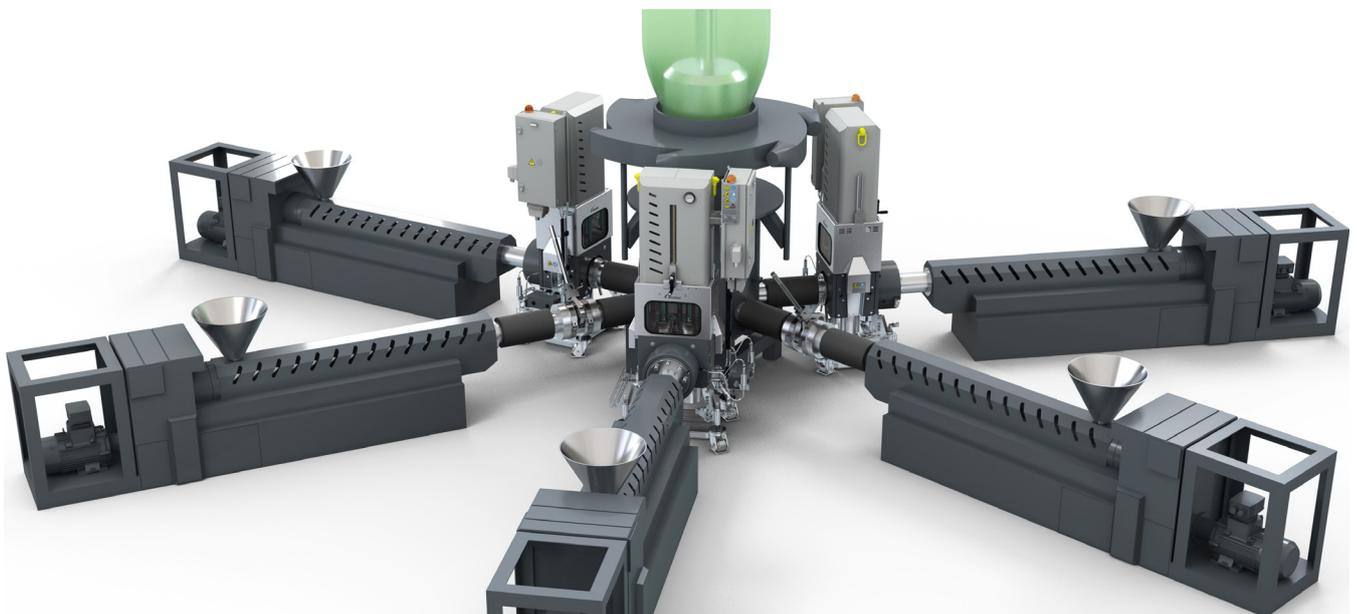


Time for something NEW

The BKG® HiCon™ K-SWE-HD/RS is the perfect filter to conquer this challenge. Our proven backflush technology handles high levels of contaminations with ease and will enable producers to comply with regional recycling laws.

Its small footprint and vertical installation perfectly fit into blown film lines, and its overall design allows easy cleaning and maintenance.

The pressure-controlled venting start and the automated backflushing provide highest pressure consistency in a high-pressure environment, ensuring film quality at the highest level.



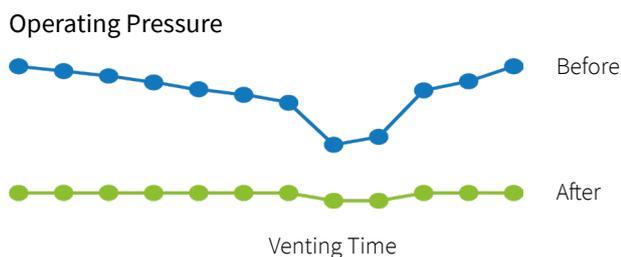
BKG[®] HiCon[™] K-SWE-HD/RS

High Pressure Backflush Melt Filter for Processing Recyclates in Blown Film Applications

A Delicate Matter

Producing quality blown film is not an easy task. A film bubble reacts sensitively to altering process conditions, and only minor changes in temperature, viscosity, and especially pressure can harm the final product.

But adding recyclates to the mix is an additional disruptor to an already delicate process. Especially pressure fluctuation during screen change, backflush, and venting can lower the quality of the film or even result in line shut-downs.



The graphs show the outlet pressure during the venting procedure on a normal filter (before) and the K-SWE-HD/RS, with its special design for high pressure applications (after). The pressure fluctuations are almost completely eliminated.



Handling Pressure

Blown film lines work with operating pressures up to 600 bar, and increased forces need to be picked up by intelligent design.

The melt pressure-controlled venting start ensures sensitive filling of the cavity after the screen change and prevents pressure drops. Valuable adaptations to our proven backflush technology make this filter even more capable of handling high pressure.

Your Benefits

- Enables you to comply with regional recycling laws
- Minimizes your operating intervention through increased automation
- Maximizes your process stability
- Minimizes operating costs through backflushing

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Production Line Integration

The BKG® HiCon™ K-SWE-HD/RS may be easily integrated into any blown film production lines where a new or retrofitable BKG® melt filter is being installed.

This melt filtration system is compatible with all blown film lines, regardless of their model or manufacturer.

For more details, please contact your local BKG® melt delivery representative.

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